



COMPILED SPECIFICALLY FOR
Moonlight Cloud (GB)

BROODMARE SELECT PLUS
*A broodmare's top nicking options,
featuring only the highest rated nicks*

TrueNicks: An Explanation

Nicks in History

Compatibilities between stallions from one sire line with mares of another sire line has helped shape the breed since the Eclipse/Herod cross of the late 18th century. These successful crosses, called nicks, have impacted Thoroughbred development through such examples as Hermit/Stockwell, Lexington/Glencoe, Bend Or/Macaroni, and Phalaris/Chaucer. In the modern era, the prolific Mr. Prospector/Northern Dancer cross has produced outstanding racehorses and sires such as Kingmambo, Distorted Humor, and Elusive Quality.

Fast-Forward to the 21st Century

Computer databases have made it possible to measure and rate nicks, giving rise to a commercial market for such statistics. The first nick ratings offered to the public, though popular, were compromised by incomplete data and yielded results based on hypothetical rather than actual opportunity. This statistical gap was the impetus behind the development of TrueNicks.

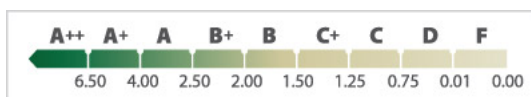
A Statistically Valid Approach

Unlike other ratings that are calculated based on hypothetical opportunity within a limited group of horses, TrueNicks references the international database of The Jockey Club—the world's most complete record of Thoroughbreds and their performance—to produce a sophisticated rating based on all starters and stakes winners on a given cross.

The Statistics

The TrueNicks rating is derived from two statistical elements: the Sire Improvement Index (SII) and the Broodmare Sire Improvement Index (BSII). Each figure compares the percentage of progeny stakes winners to starters. An SII of 2.00 indicates that the sire line has twice the percentage of stakes winners with mares of the given broodmare sire line as it does with all other mares. A BSII of 3.00 indicates that mares from the broodmare sire line have 3.00 times the percentage of stakes winners with a given sire line than when bred to all other stallions.

The TrueNicks Calculation



The TrueNicks rating is then calculated by multiplying the SII and BSII, effectively recognizing the opportunity and performance of the cross. In the example above, an SII of 2.00 and a BSII of 3.00 would result in a TrueNicks variant score of 6.00, expressing a nick that performs six times better than average opportunity, and translating to an A+ TrueNicks rating. Theoretically, any cross can produce a superior racehorse, but TrueNicks is concerned with its frequency of doing so.

Meaningful Ratings

Referencing the entire database of The Jockey Club during development, the TrueNicks rating was calibrated on a test group of 100,000 international starters. Converting the TrueNicks variant to a letter grade rating—A to F, as in the academic system—reveals some intriguing results that verify the existence of nicks across the Thoroughbred population. For example:

1. While only 13% of Thoroughbreds earn A ratings (A to A++), 37% of stakes winners rate A or better.
2. Thoroughbreds rated B or better (B to A++) represent just 30% of the population, yet three out of four (77%) stakes winners rate B or better.
3. Almost half of Thoroughbreds in general (44%) are on the low end of the scale (rated C through F), yet only two in 25 stakes winners (8%) have these lower ratings.

Interpreting the Ratings

TrueNicks is a powerful mating tool, but like all pedigree analysis programs it is one part of the picture and should be weighted accordingly. TrueNicks is best used to differentiate between matings or individuals within a similar commercial range, and the rating becomes more powerful when used in proper context. TrueNicks development studies clearly indicate a strong correlation between sire line affinities and success in stakes events; however, we strongly recommend that you consider all factors, such as physical attributes, conformation, aptitude, and class of the pedigree. After all, the goal should be to breed racehorses, not ratings.

Using Your Report

All TrueNicks broodmare reports include an equineline.com premium edited pedigree; an individual TrueNicks report for the subject mare; a table of selected sires sorted by TrueNicks variant; a table of selected sires sorted by Broodmare Sire Improvement Index (BSII); and an individual TrueNicks report for each hypothetical mating.

Although the stallions in the first table are sorted by variant, we recommend that users pay closer attention to the associated letter grade, as variant scores are not on a linear scale. For example, nicks that have performed below opportunity can only fall between 0.01 and 0.99, while above opportunity nicks can be anywhere from 1.01 to 500 and beyond.

TrueNicks population studies indicate that, all other factors being equal, strongest consideration should be given to matings rated *B+* or better. Of course, matings that result in lower ratings may well still be viable, especially if compensating factors such as class of the sire and dam, or successful patterns of inbreeding and line breeding, are taken into account.

Using Your Report

The BSII is a unique TrueNicks feature available only to purchasers of TrueNicks broodmare reports. There are examples where an above opportunity TrueNicks rating results from the sire greatly “improving” the broodmare sire, and other examples where the reverse is true. It is optimal to seek matings that give a high BSII score in addition to a *B+* or better TrueNicks rating.

The individual TrueNicks hypothetical mating pages allow for deeper analysis of each prospective mating. Broodmare Analysis and Broodmare Select include our classic, single-page TrueNicks reports with the top five best horses bred on the cross. Broodmare Analysis Plus features TrueNicks Enhanced reports, offering a second page of cross-specific statistics, including auction history, surface performance, win and stakes win percentages, average winning distances, colts and fillies comparisons, and the top 15 horses bred on the cross. In addition to the TrueNicks rating and variant score, both reports show inbreeding (highlighted in color and summarized below the five-generation pedigree) and Dosage Profile details for each mating.

If you have questions about your report, please visit Truenicks.com or contact us at info@truenicks.com.

Moonlight Cloud (GB) Foaled in Great Britain	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b
		Rafha (GB), 87 b	Foreign Courier, 79 b
			=Kris (GB), 76 ch
			=Eljazzi, 81 b
	Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b
		Wedding Bouquet (IRE), 87 b	=River Dancer (IRE), 83 b
			Kings Lake, 78 b
			Doff the Derby, 81 b

By INVINCIBLE SPIRIT (IRE) (1997). Hwt. older horse in Ireland, Stakes winner of \$374,711 USA in England and Ireland, Stanley Leisure Sprint Cup [G1], etc. Sire of 9 crops of racing age, 1295 foals, 1052 starters, 82 stakes winners, 2 champions, 714 winners of 2019 races and earning \$57,875,590 USA, including Fleeting Spirit (IRE) (European Champion, \$1,216,865 USA, Darley July Cup [G1], etc.), Hooray (European Champion, \$326,750 USA, Adnams Cheveley Park S. [G1], etc.), Moonlight Cloud (GB) (Hwt. 11 times in Europe and France, \$2,250,214 USA, Prix du Haras de Fresnay-le-Buffard-Jacques Le Marois [G1], etc.), Invincible Ash (IRE) (Hwt. twice in Ireland, \$672,949 USA, Woodies DIY Sapphire S. [G3], etc.), Spirit Quartz (Hwt. in Italy, \$467,900 USA, Prix du Gros-Chene [G2], etc.).

1st dam

Ventura (IRE), by =Spectrum (IRE). 2 wins at 3 in IRE, \$28,324 (USA), 3rd Carlsberg Ruby S. Dam of 9 foals, 6 to race, 5 winners--

MOONLIGHT CLOUD (GB) (f. by =Invincible Spirit (IRE)). Black type winner, see below.

CEDAR MOUNTAIN (IRE) (g. by \$Galileo (IRE)). 3 wins at 4 and 5 in ENG and NA, \$137,299 (USA), Round Table H. [L]-ncr, 1 3/4 miles in 2:53.65 (HOL, \$46,050), 2nd Sunset H. [G2] (HOL, \$32,400).

=Lakuta (IRE) (f. by =Pivotal (GB)). 2 wins at 4 in FR, \$61,947 (USA).

=Stars And Clouds (IRE) (f. by =Makfi (GB)). Winner in 1 start at 2, 2014 in FR, \$15,864 (USA).

=Extreme Green (GB) (f. by =Motivator (GB)). Winner at 3 in SVK.

=When In Doubt (GB) (f. by \$Montjeu (IRE)). Placed at 2 and 3, 2014 in FR, \$12,582 (USA).

2nd dam

WEDDING BOUQUET (IRE), by Kings Lake. 6 wins, 2 to 4 in IRE and NA, \$235,617 (USA), Monrovia H. [G3], C. L. Weld E.B.F. Park S. [G3], Salora E.B.F. Round Tower S., E.B.F. Athasi S., 2nd GPA National S. [G1], 3rd Heinz 57 Phoenix S. [G1], E.B.F. Phoenix International S. [G2], Barronstown Stud E.B.F. Debutante S. [G3]. Half-sister to =**GENEROUS (IRE)** (\$1,848,544 (USA), Horse of the year in Ireland, Champion 3-year-old in Ireland, Hwt. at 3 on European Free Hand., 11 - 14 fur., Hwt. at 3 on English Free Hand., 11 - 14 fur., Hwt. at 3 on French Free Hand., 11 - 14 fur., Budweiser Irish Derby [G1], etc., sire), **IMAGINE (IRE)** (\$527,013 (USA), Hwt. filly at 3 on English Free Hand., 11 - 14 fur., Vodafone Epsom Oaks [G1], etc.), =**OSUMI TYCOON (IRE)** (\$2,842,458 (USA), Yomiuri Milers Cup, etc., sire), **STRAWBERRY ROAN (IRE)** (\$110,594 (USA), Derrinstown Stud One Thousand Guineas Trial S., etc.), **WINDY TRIPLE K.** (\$212,565, Taisez Vous S. -R (SA, \$27,050), etc.). Dam of 2 winners--

Ventura (IRE) (f. by =Spectrum (IRE)). Black type placed winner, see above.

=Irish Legend (IRE) (g. by Sadler's Wells). 7 wins, 3 to 9 in IRE and ENG, \$119,294 (USA).

=Liege (IRE) (f. by Night Shift). Unraced. Dam of--

=**BRUGES (IRE)** (c. by =Marju (IRE)). 2 wins at 2 in IRE, placed at 4 in UAE, \$85,713 (USA), Golden Fleece S.

=Moore's Melody (IRE) (f. by =Marju (IRE)). Winner at 3 and 4 in FR, \$42,198 (USA). Dam of--

=**TALWAR (IRE)** (c. by =Acclamation (GB)). 5 wins, 2 to 4 in FR and ENG, \$130,022 (USA), Sunshine Coach Solario S. [G3], Free Grand National Bets at Freebetting.co.uk International Trial S., Jaguar XKR-S Winkfield S.

=Wedding Morn (IRE) (f. by Sadler's Wells). Unplaced in IRE. Dam of--

=**PROBABLY (IRE)** (c. by =Danehill Dancer (IRE)). 4 wins, 2 to 3 in IRE, NOR and SWE, placed in 2 starts at 3 in GER, \$223,643 (USA), Dubai Duty Free Full of Surprises Railway S. [G2], Scandic Norsk Derby, 2nd Grosser Preis der Hannoverschen Volksbank-Derby Trial, 3rd Juddmonte Beresford S. [G2].

=Maddelina (IRE) (f. by Sadler's Wells). Unplaced in IRE. Dam of--
 =Merayaat (IRE) (f. by =Darshaan (GB)). Winner at 3 in ENG, \$7,920 (USA). Dam of--
 =**HAWAAFEZ (GB)** (f. by Nayef). 4 wins, 2 to 4 in ENG, \$111,512 (USA), Grosvenor Casinos Cumberland Lodge S. [**G3**], JLT Aston Park S.

3rd dam

DOFF THE DERBY, by Master Derby. Unraced. Half-sister to **TRILLION** (\$957,413 (USA), Champion grass mare in U.S., Champion older mare twice in France, 2nd hwt. filly at 3 on French Free Hand., Prix Ganay-**G1**, etc.), **MARGRAVINE** (\$87,812 (USA), Prix du Calvados, etc.), **Dunkirk** (\$22,558 (USA), 2nd Prix de la Plaine Monceau, etc.). Dam of 9 winners--

=**GENEROUS (IRE)** (c. by Caerleon). 6 wins in 9 starts, 2 to 3 in ENG and IRE, \$1,848,544 (USA), Horse of the year in Ireland, Champion 3-year-old in Ireland, Hwt. at 3 on European Free Hand., 11 - 14 fur., Hwt. at 3 on English Free Hand., 11 - 14 fur., Hwt. at 3 on French Free Hand., 11 - 14 fur., Budweiser Irish Derby [**G1**], Ever Ready Epsom Derby [**G1**], King George VI and Queen Elizabeth Diamond S. [**G1**], Three Chimneys Dewhurst S. [**G1**], 2nd Coventry S. [**G3**], 3rd Lanson Champagne Vintage S. [**G3**]. Sire.

IMAGINE (IRE) (f. by Sadler's Wells). 4 wins, 2 to 3 in ENG and IRE, \$527,013 (USA), Hwt. filly at 3 on English Free Hand., 11 - 14 fur., Vodafone Epsom Oaks [**G1**], Entenmanns Irish One Thousand Guineas [**G1**], C. L. Weld Park S. [**G3**], 2nd Owen Brown Rockfel S. [**G2**], Leopardstown One Thousand Guineas Trial, 3rd Entrepreneur E.B.F. Athasi S., Debutante Fillies' S. Dam of--

VISCOUNT NELSON (c. by Giant's Causeway). 4 wins, 2 to 5 in IRE and UAE, placed at 2 and 3 in ENG, \$707,647 (USA), Al Tayer Motors Al Fahidi Fort [**G2**], Coolmore El Gran Senor Hurricane Run S., Donate to Kare at www.kare.ie Silver S., 2nd Etisalat Godolphin Mile [**G2**], DFS Champagne S. [**G2**], etc.

=**HORATIO NELSON (IRE)** (c. by Danehill). 4 wins in 7 starts at 2 in ENG, FR and IRE, \$488,433 (USA), Prix Jean-Luc Lagardere-Grand Criterium [**G1**], Galileo E.B.F. Futurity S. [**G2**], Weatherbys Superlative S. [**G3**], 2nd Darley Dewhurst S. [**G1**].

KITTY MATCHAM (IRE) (f. by Rock of Gibraltar (IRE)). 2 wins at 2 in ENG and IRE, \$106,564 (USA), Seriousquitters.co.uk Rockfel S. [**G2**]. Producer.

Red Rock Canyon (IRE) (c. by Rock of Gibraltar (IRE)). Winner at 5 in IRE, placed at 2 in ENG, \$360,889 (USA), 2nd Meld S. [**G3**], 3rd Tattersalls Millions Irish Champion S. [**G1**], Tattersalls Gold Cup [**G1**], Royal Whip S. [**G2**], Keeneland International S. [**G3**]. Sire.

=**OSUMI TYCOON (IRE)** (c. by Last Tycoon (IRE)). 10 wins, 3 to 6 in JPN, \$2,842,458 (USA), Yomiuri Milers Cup, Centaur S., 2nd Keio Hai Spring Cup, Yomiuri Milers Cup, Epsom Cup. Sire.

WEDDING BOUQUET (IRE) (f. by Kings Lake). Black type winner, see above.

WINDY TRIPLE K. (f. by Jaklin Klugman). 5 wins, 2 to 5, \$212,565, Taisez Vous S. -R (SA, \$27,050), 2nd Las Ninas S. -R (FPX, \$5,100), 3rd Burlingame S. [L] (BM, \$6,500), C. T. B. A. S. [LR] (DMR, \$7,500), Pio Pico S. -R (FPX, \$4,800). Dam of--

Libeccio (NZ) (f. by Danzatore). Unraced. Dam of--

REVELSTOKE (f. by Monashee Mountain). 7 wins, 3 to 5, \$260,714, Firecracker S. [L] (MNR, \$45,150), 2nd West Virginia Senate President's Cup H. [L] (MNR, \$17,000), Firecracker S. [L] (MNR, \$15,000).

STRAWBERRY ROAN (IRE) (f. by Sadler's Wells). 3 wins at 2 and 3 in IRE, \$110,594 (USA), Derrinstown Stud One Thousand Guineas Trial S., Eyrefield S., 2nd Airlie Coolmore Irish One Thousand Guineas [**G1**], 3rd Meld S. [**G3**], Debutante S. Dam of--

=**Berry Blaze (IRE)** (f. by =Danehill Dancer (IRE)). 2 wins at 2 in SAF, \$59,305 (USA), 2nd Gerald Rosenberg S. [**G2**], Korean Racing Association Fillies Guineas [**G2**], 3rd South Africa Fillies Classic [**G1**], Woolavington 2,000 [**G1**], Gold Bracelet [**G2**].

Green Dollar (IRE) (f. by Kingmambo). Unraced. Dam of--

=**CAPE DOLLAR (IRE)** (f. by \$Cape Cross (IRE)). 2 wins at 2 in ENG, \$114,827 (USA), Rockfel S. [**G2**], 3rd Chichester Observer Prestige S. [**G3**], Coral Distaff S.

Eternal Beauty (f. by Zafonic). Unplaced in ENG and FR. Dam of--

=**Eternal Power (GB)** (c. by =Tiger Hill (IRE)). Winner at 2 and 7, 2014 in GER, \$50,786 (USA), 3rd Zukunfts-Rennen [**G3**].

=Matikanebenizakura (IRE) (f. by Royal Academy). 3 wins at 3 and 4 in JPN, \$347,736 (USA). Dam

of--

=MACHIKANE AURA (JPN) (c. by Sunday Silence). 5 wins, 2 to 4 in JPN, \$1,432,103 (USA), Toyota Sho Chukyo Kinen H., 2nd Yonago S., April S., Osaka Jo S., 3rd Miyako Oji S.

=MATIKANEMENIMOMIYO (JPN) (c. by Brian's Time). 7 wins, 2 to 7 in JPN, \$1,411,703 (USA), Osaka Jo S., 3rd Tomoe Sho.

=Juno Zoffy (JPN) (c. by Forty Niner). 5 wins at 3 and 4 in JPN, \$1,176,510 (USA), 2nd Keyaki S.

=Pedicularis (JPN) (f. by Sunday Silence). 4 wins at 3 and 4 in JPN, \$502,931 (USA), 3rd TCK Jo-o Hai. Dam of--

=Bang Zoom (JPN) (c. by Symboli Kris S). 2 wins at 3, 2014 in JPN, \$376,008 (USA), 3rd Unicorn S. **[G3]**.

=Matikanehamatidori (JPN) (f. by Sunday Silence). Unplaced in JPN. Dam of--

=Victrix Ludorum (IRE) (f. by =Invincible Spirit (IRE)). 2 wins at 2 in ENG, \$384,171 (USA), 2nd Coral.co.uk Leisure S., 3rd E.B.F. Stallions/Arkle Finance Eternal S.

Padua's Pride (IRE) (c. by Caerleon). Winner at 3 and 6, \$62,200.

=Genghis Khan (IRE) (c. by Sadler's Wells). 2 wins at 3 in IRE, \$26,944 (USA).

Shinko Hermes (IRE) (f. by Sadler's Wells). Unplaced in 1 start in JPN. Dam of--

LAKE TOYA (f. by =Darshaan (GB)). 4 wins, 2 to 4 in ENG and FR, \$135,852 (USA), Prix Caravelle Haras des Granges, E.B.F. Totesport Gillies S., 2nd Prix Joubert, Totesport 0800 221 221 E.B.F. Gillies Fillies' S., 3rd Prix de Flore **[G3]**, etc. Producer.

Er Nova (JPN) (f. by Sunday Silence). 5 wins at 4 and 5 in JPN, \$1,810,348 (USA), 2nd Sports Nippon Sho Stayers S., Hokkaido Shimbun Hai Queen S., Metropolitan S., 3rd Queen Elizabeth II Commemorative Cup, Sankei Sho All Comers. Producer.

=Glen Innes (IRE) (f. by Selkirk). Winner at 3 in ENG, \$51,209 (USA), 2nd Tattersalls Musidora S. **[G3]**, Carey Group Swinley S. Producer.

=Hermes Tiara (JPN) (f. by Brian's Time). Unraced in Japan. Dam of--

=Sacred Reve (JPN) (c. by =Admire Moon (JPN)). Winner at 2 and 3 in JPN, \$1,073,289 (USA), 2nd New Zealand Trophy **[G2]**.

4th dam

MARGARETHEN, by *Tulyar. 16 wins, 2 to 5, \$162,933, Beverly H. twice, Margate H., Indian Maid H., Modesty H.-ncr, 1 mile in 1:37.40, 2nd Matron H., Margate H., New York H., 3rd Kelly-Olympic H., etc. Half-sister to **Steven Would** (\$42,745, 3rd Tondi H., sire), **Margalo** (\$41,276, 2nd San Juan Bautista H.). Dam of 5 winners, including--

TRILLION (f. by Hail to Reason). 9 wins, 3 to 5 in FR, placed, 4 to 5 in GER and NA, \$957,413 (USA), Champion grass mare in U.S., Champion older mare twice in France, 2nd hwt. filly at 3 on French Free Hand., Prix Ganay-**G1**, Prix Dollar-**G2** twice, Prix d'Harcourt-**G2**, Prix de Royallieu-**G3**, Prix Foy-**G3**, Prix de Minerve-**G3**, Prix des Tuileries, 2nd Prix de l'Arc de Triomphe-**G1**, etc.

TRIPTYCH (f. by Riverman). 14 wins, 2 to 6 in ENG, FR, IRE and JPN, placed at 3 and 6 in NA, \$2,318,946 (USA), Champion 2-year-old in France, Champion older mare 5 times in England, France and Ireland, Hwt. older mare at 6 on French Free Hand., 11 - 14 fur., Airlie Coolmore Irish Two Thousand Guineas **[G1]**, Prix Marcel Boussac-Criterium des Pouliches-**G1**, Dunnes Stores St. Bernard Phoenix Championship S. **[G1]**, Matchmaker International S. **[G1]**, Dubai Champion S. **[G1]** twice, etc.

BARGER (f. by Riverman). 2 wins at 3 in FR, \$60,562 (USA), Prix Vanteaux **[G3]**, 3rd Prix Saint-Alary **[G1]**.

MARGRAVINE (f. by Hail to Reason). 5 wins at 2 and 4 in FR and NA, \$87,812 (USA), Prix du Calvados, 2nd Criterium des Pouliches-**G1**, 3rd Gallorette H.-**G3**, Prix d'Astarte-**G3**, Prix de la Calonne.

Margie Belle (f. by *Vaguely Noble). Winner at 3 in FR, \$23,674 (USA), 3rd Prix des Tourelles.

Dunkirk (c. by Prince John). Winner at 3 in FR, \$22,558 (USA), 2nd Prix de la Plaine Monceau, Prix des Chenettes.

Noble Chick (f. by *Vaguely Noble). 4 wins at 3 and 4, \$39,620.

NORDAVANO (c. by The Minstrel). 4 wins at 3 and 4 in ENG and NA, \$104,125 (USA), Cedar Key H. [L] (PIM, \$38,009), 3rd Find H. [LR] (LRL, \$5,570), Summing S. (MED, \$4,466).

Prix (f. by *Vaguely Noble). 3 wins at 2 and 4 in NA and FR , \$20,731 (USA).

Doff the Derby (f. by Master Derby). See above.

Hail Maggie (f. by Hail to Reason). Unplaced in 1 start in IRE.

SABONA (c. by Exclusive Native). 8 wins, 2 to 7 in NA and ENG, \$862,305 (USA), Californian S.

[G1]-ntr, 1 1/8 miles in 1:46.80, Triple Bend H. [L] (HOL, \$47,150), Morvich H. [L] (SA, \$38,900), 2nd Breeders' Cup Mile **[G1]**, Hollywood Gold Cup H. **[G1]**, etc. Sire.

Alnaab (c. by Mr. Prospector). 2 wins at 2 in ENG, \$28,113 (USA), 2nd Imry Solario S. **[G3]**. Sire.

RACE RECORD for Moonlight Cloud (GB): Hwt. at 4 on European Free Hand. sprinter (2012). Hwt. older mare at 5 on European Free Hand. 5 - 7 fur. (2013). Hwt. older mare at 5 on European Free Hand. 7 - 9 fur. (2013). In France. At 2, two wins in 3 starts; at 3, Hwt. on French Free Hand. 5 - 7 fur. (2011), 3 wins (Prix Maurice de Gheest-Goldikova [G1], Prix de la Porte Maillot [G3], Prix Imprudence [G3]), once 2nd (Prix du Palais-Royal [G3]) in 4 starts. Earned 287,835 Euro (\$407,262 USA). In England. At 3, unplaced in 2 starts. Earned 6,725 Pounds (\$10,640 USA). In France. At 4, Hwt. older horse on French Free Hand. 5 - 7 fur. (2012), Hwt. older mare on French Free Hand. 5 - 7 fur. (2012), Hwt. older mare on French Free Hand. 7 - 9 fur. (2012), 3 wins (Qatar Prix du Moulin de Longchamp [G1], Prix Maurice de Gheest [G1], Prix du Palais-Royal [G3]) in 4 starts. Earned 474,240 Euro (\$606,406 USA). In NA. At 4, unplaced in 1 start. In England. At 4, once 2nd (Diamond Jubilee S. [G1]) in 1 start. Earned 107,500 Pounds (\$167,560 USA). In France. At 5, Hwt. older horse on French Free Hand. 5 - 7 fur. (2013), Hwt. older horse on French Free Hand. 7 - 9 fur. (2013), Hwt. older mare on French Free Hand. 5 - 7 fur. (2013), Hwt. older mare on French Free Hand. 7 - 9 fur. (2013), 4 wins (Prix du Haras de Fresnay-le-Buffard-Jacques Le Marois [G1], LARC Prix Maurice de Gheest [G1], Qatar Prix de la Foret [G1], Prix de la Porte Maillot [G3]) in 4 starts. Earned 754,250 Euro (\$1,006,746 USA). In Hong Kong. At 5, unplaced in 1 start. Earned 400,000 HK\$ (\$51,600 USA). Grand Totals: 12 wins, twice 2nd in 20 starts. Earned \$2,250,214(USA). Sent from France to United States in 2012. Sent from United States to France in 2012.

Moonlight Cloud (GB)

Based on the cross of Invincible Spirit (IRE)/Rainbow Quest and his sons and grandsons

Breeder: George Strawbridge (GB)

B

Variant = 1.79

Moonlight Cloud (GB) Bay Mare Foaled Mar 05, 2008 in Great Britain	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br	
				Pas de Nom, 68 dk b/	Natalma, 57 b	
			Foreign Courier, 79 b	Sir Ivor, 65 b	Admiral's Voyage, 59 dk b/	
				Courtly Dee, 68 dk b/	*Petitioner, 52 b	
				=Kris (GB), 76 ch	Sir Gaylord, 59 dk b	
		Rafha (GB), 87 b	Artaius, 74 b		Attica, 53 ch	
			=Eljazzi, 81 b	Sharpen Up (GB), 69 ch	Courty Dee, 68 dk b/	Never Bend, 60 dk b
		=Border Bounty (GB), 65 b			Doubly Sure (GB), 71 b	Tulle, 50 dk b
			Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Atan, 61 ch
		I Will Follow, 75 b				=Rocchetta (GB), 61 ch
	=River Dancer (IRE), 83 b	Irish River (FR), 76 ch			=Reliance II (FR), 62 b	
		Dancing Shadow (IRE), 77 b			=Soft Angels, 63 ch	
		Kings Lake, 78 b			Nijinsky II, 67 b	Soft Angels, 63 ch
	Wedding Bouquet (IRE), 87 b			*Fish-Bar, 67 b	Round Table, 54 b	
		Doff the Derby, 81 b		Master Derby, 72 ch	Blushing Groom (FR), 74 ch	Stylish Pattern, 61 b
	Margarethen, 62 dk b				=Bounteous (GB), 58 b	
	=Sunny Valley (IRE), 72 b			Nijinsky II, 67 b	Red God, 54 ch	=B Flat (GB), 58 b
					*Fish-Bar, 67 b	Red God, 54 ch
	Doff the Derby, 81 b		Master Derby, 72 ch	Runaway Bride (GB), 62 b	Red God, 54 ch	
		Margarethen, 62 dk b		*Herbager, 56 b		
Doff the Derby, 81 b	Master Derby, 72 ch	Where You Lead, 70 ch	Where You Lead, 70 ch			
		Margarethen, 62 dk b	Riverman, 69 b			
Doff the Derby, 81 b	Master Derby, 72 ch	=Irish Star, 60 b	=Irish Star, 60 b			
		Margarethen, 62 dk b	Dancer's Image, 65 gr			
Doff the Derby, 81 b	Master Derby, 72 ch	Dancer's Image, 65 gr	Dancer's Image, 65 gr			
		Margarethen, 62 dk b	=Sunny Valley (IRE), 72 b			
Doff the Derby, 81 b	Master Derby, 72 ch	Northern Dancer, 61 b	Northern Dancer, 61 b			
		Margarethen, 62 dk b	Flaming Page, 59 b			
Doff the Derby, 81 b	Master Derby, 72 ch	Baldric, 61 b	Baldric, 61 b			
		Margarethen, 62 dk b	=Fisherman's Wharf, 59 ch			
Doff the Derby, 81 b	Master Derby, 72 ch	Dust Commander, 67 ch	Dust Commander, 67 ch			
		Margarethen, 62 dk b	Madam Jerry, 61 ch			
Doff the Derby, 81 b	Master Derby, 72 ch	*Tulyar, 49 br	*Tulyar, 49 br			
		Margarethen, 62 dk b	Russ-Marie, 56 b			

Pedigree Statistics

Coefficient of Relatedness: 1.56%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.56%	Unique Ancestors: 377/510

Dosage Information

Dosage Profile: 3 3 9 3 0	
Dosage Index: 1.40	Center of Distribution: +0.33

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.



Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	6	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	19	Weanlings	-	-	-	Starters	5	25	17
Total Starters	25	Yearlings	1	\$21,740	\$21,740	Winners	1	13	5
		2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	=Invincible Spirit (IRE)	Broodmare Sire Name	=Spectrum (IRE)
Sire AEI	1.50	Broodmare Sire AEI	1.11
Progeny AWD	7.07 f	Progeny AWD as BM Sire	8.01 f
Chief Earner	Moonlight Cloud (GB) (\$2,250,214)	Chief Earner	Moonlight Cloud (GB) (\$2,250,214)










	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	28	13	15	1,267	5,383
Starters (% Foals of Racing Age)	25 (89%)	11 (85%)	14 (93%)	1,027 (81%)	3,612 (67%)
Winners (% Starters)	17 (68%)	7 (64%)	10 (71%)	697 (68%)	2,002 (55%)
SW (% Starters)	2 (8%)	1 (9%)	1 (7%)	80 (8%)	193 (5%)
Earnings	\$3,312,739	\$732,194	\$2,580,545	\$54,562,851	\$177,078,451
Avg Distance Raced	7.43 f	8.26 f	6.73 f	7.17 f	9.60 f
Avg Winning Distance	7.18 f	8.27 f	6.60 f	7.07 f	9.77 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
MOONLIGHT CLOUD (GB)	Mare	2008	Invincible Spirit (IRE)/Spectrum (IRE)	G1SW
SPIRIT QUARTZ (IRE)	Gelding	2008	Invincible Spirit (IRE)/Rainbow Quest	G2SW
Zabarajad (IRE)	Gelding	2008	Invincible Spirit (IRE)/Rainbow Quest	SP
Rosa Invicta (IRE)	Mare	2005	Invincible Spirit (IRE)/Spectrum (IRE)	Wnr
Jungle Fighter (AUS)	Gelding	2007	Invincible Spirit (IRE)/Spectrum (IRE)	Wnr
Rose's Spirit (IRE)	Mare	2006	Invincible Spirit (IRE)/Croco Rouge (IRE)	Wnr
Million Spirits (IRE)	Mare	2004	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Menandore (FR)	Filly	2011	Invincible Spirit (IRE)/Spectrum (IRE)	Wnr
Apollo Spirit (IRE)	Horse	2006	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Thinking Spirit (GB)	Mare	2009	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Charming (IRE)	Mare	2009	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Run With Pride (IRE)	Gelding	2010	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Beart (IRE)	Gelding	2008	Invincible Spirit (IRE)/Spectrum (IRE)	Wnr
Zimira (IRE)	Mare	2009	Invincible Spirit (IRE)/Rainbow Quest	Wnr
Vanilla Loan (IRE)	Mare	2007	Invincible Spirit (IRE)/Spectrum (IRE)	Wnr

MARE NAME: Moonlight Cloud (GB) (=Invincible Spirit (IRE) - Ventura (IRE), by =Spectrum (IRE))

SELECTED STALLIONS - Sorted by TRUENICKS VARIANT

	STALLION NAME	GRADE	VARIANT	BSII
	First Defence	A++	43.92	5.87
	Ghostzapper	A++	24.05	8.81
	Flatter	A++	19.40	6.00
	Lope de Vega (IRE)	A++	14.02	5.87
	Dark Angel (IRE)	A++	9.83	3.77
	Lethal Force (IRE)	A++	9.83	3.77
	Dream Ahead	A++	8.82	2.93
	Speightstown	A++	7.97	5.14
	Teofilo (IRE)	A++	7.74	3.77
	Poet's Voice (GB)	A++	7.22	4.69
	Makfi (GB)	A++	7.22	4.69
	Dubawi (IRE)	A++	7.12	4.80
	Rock of Gibraltar (IRE)	A++	7.04	3.46
	English Channel	A+	6.25	3.77
	Proud Citizen	A+	5.93	3.08
	Stormy Atlantic	A+	5.71	3.60
	Dansili (GB)	A+	5.59	4.06
	Soldier Hollow (GB)	A+	5.46	3.18
	So You Think (NZ)	A+	5.40	3.02
	High Chaparral (IRE)	A+	5.39	3.02
	Distorted Humor	A+	5.34	2.66
	Medaglia d'Oro	A+	5.02	3.64
	Violence	A+	4.86	3.52
	Scat Daddy	A+	4.68	3.52
	Smart Strike	A+	4.24	3.36
	Bodemeister	A	3.97	2.99
	Pioneerof the Nile	A	3.97	2.99
	Lookin At Lucky	A	3.79	2.75
	Broken Vow	A	3.76	2.81
	Mizzen Mast	A	3.73	2.40
	New Approach (IRE)	A	3.45	2.92
	Rip Van Winkle (IRE)	A	3.45	2.92
	Cape Blanco (IRE)	A	3.45	2.92
	Frankel (GB)	A	3.45	2.92
	Nathaniel (IRE)	A	3.45	2.92
	Intello (GER)	A	3.45	2.92
	Halling	A	3.35	2.66
	Paynter	A	3.17	2.50
	Oxbow	A	3.17	2.50










	Lemon Drop Kid	A	2.90	2.76
	Malibu Moon	A	2.85	2.59
	Uncle Mo	A	2.83	2.35
	Henrythenavigator	A	2.80	1.77
	Orb	A	2.60	2.45
	Fort Larned	A	2.55	1.72
	Street Sense	B+	2.50	2.01
	Redoute's Choice (AUS)	B+	2.46	2.82
	Curlin	B+	2.37	2.11
	Tamayuz (GB)	B+	2.09	2.03
	Medicean (GB)	B+	2.07	1.80

Stallions appearing with  have complimentary reports available from TrueNicks.com.

MARE NAME: Moonlight Cloud (GB) (=Invincible Spirit (IRE) - Ventura (IRE), by =Spectrum (IRE))

SELECTED STALLIONS - Sorted by BROODMARE SIRE IMPROVEMENT INDEX

	STALLION NAME	GRADE	VARIANT	BSII
	Ghostzapper	A++	24.05	8.81
	Flatter	A++	19.40	6.00
	First Defence	A++	43.92	5.87
	Lope de Vega (IRE)	A++	14.02	5.87
	Speightstown	A++	7.97	5.14
	Dubawi (IRE)	A++	7.12	4.80
	Poet's Voice (GB)	A++	7.22	4.69
	Makfi (GB)	A++	7.22	4.69
	Dansili (GB)	A+	5.59	4.06
	English Channel	A+	6.25	3.77
	Teofilo (IRE)	A++	7.74	3.77
	Dark Angel (IRE)	A++	9.83	3.77
	Lethal Force (IRE)	A++	9.83	3.77
	Medaglia d'Oro	A+	5.02	3.64
	Stormy Atlantic	A+	5.71	3.60
	Scat Daddy	A+	4.68	3.52
	Violence	A+	4.86	3.52
	Rock of Gibraltar (IRE)	A++	7.04	3.46
	Smart Strike	A+	4.24	3.36
	Soldier Hollow (GB)	A+	5.46	3.18
	Proud Citizen	A+	5.93	3.08
	High Chaparral (IRE)	A+	5.39	3.02
	So You Think (NZ)	A+	5.40	3.02
	Bodemeister	A	3.97	2.99
	Pioneerof the Nile	A	3.97	2.99
	Dream Ahead	A++	8.82	2.93
	New Approach (IRE)	A	3.45	2.92
	Rip Van Winkle (IRE)	A	3.45	2.92
	Cape Blanco (IRE)	A	3.45	2.92
	Frankel (GB)	A	3.45	2.92
	Nathaniel (IRE)	A	3.45	2.92
	Intello (GER)	A	3.45	2.92
	Redoute's Choice (AUS)	B+	2.46	2.82
	Broken Vow	A	3.76	2.81
	Lemon Drop Kid	A	2.90	2.76
	Lookin At Lucky	A	3.79	2.75
	Halling	A	3.35	2.66
	Distorted Humor	A+	5.34	2.66
	Malibu Moon	A	2.85	2.59

	Paynter	A	3.17	2.50
	Oxbow	A	3.17	2.50
	Orb	A	2.60	2.45
	Mizzen Mast	A	3.73	2.40
	Uncle Mo	A	2.83	2.35
	Curlin	B+	2.37	2.11
	Tamayuz (GB)	B+	2.09	2.03
	Street Sense	B+	2.50	2.01
	Medicean (GB)	B+	2.07	1.80
	Henrythenavigator	A	2.80	1.77
	Fort Larned	A	2.55	1.72

Stallions appearing with  have complimentary reports available from TrueNicks.com.



HYPOTHETICAL: First Defence -- Moonlight Cloud (GB)
 Based on the cross of First Defence/Danzig and his sons and grandsons

A++
 Variant = 43.91

Hypothetical Foal	First Defence, 04 b	Unbridled's Song, 93 gr/ro	Unbridled, 87 b	Fappiano, 77 b	Mr. Prospector, 70 b	
				Killaloe, 70 b		
			Gana Facil, 81 ch	*Le Fabuleux, 61 ch		
			Trolley Song, 83 gr/ro	Caro (IRE), 67 gr	=Fortino II (FR), 59 gr	
				Lucky Spell, 71 b	=Chambord, 55 ch	
			Honest Lady, 96 dk b/	Seattle Slew, 74 dk b/	Bold Reasoning, 68 dk b/	Boldnesian, 63 b
		Reason to Earn, 63 b				
		My Charmer, 69 b		Poker, 63 b		
		Toussaud, 89 dk b/		El Gran Senor, 81 b	Fair Charmer, 59 ch	
				Image of Reality, 76 b	Northern Dancer, 61 b	
		Moonlight Cloud (GB), 08 b		=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b
			Foreign Courier, 79 b			In Reality, 64 b
	Rafha (GB), 87 b		=Kris (GB), 76 ch		Edee's Image, 69 dk b/	
			=Eljazzi, 81 b		Northern Dancer, 61 b	
	Ventura (IRE), 98 b		=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	Pas de Nom, 68 dk b/
					=River Dancer (IRE), 83 b	Sir Ivor, 65 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Courtly Dee, 68 dk b/	
				Doff the Derby, 81 b	Sharpen Up (GB), 69 ch	
					Doubly Sure (GB), 71 b	
					Artaius, 74 b	
				=Border Bounty (GB), 65 b		

Pedigree Statistics	
Coefficient of Relatedness: 0.68%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.10%	Unique Ancestors: 387/510

Dosage Information	
Dosage Profile: 4 5 6 1 0	
Dosage Index: 3.00	Center of Distribution: +0.75

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: First Defence -- Moonlight Cloud (GB)
Based on the cross of First Defence/Danzig and his sons and grandsons

A++
Variant = 43.91

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	4	7	3
Additional Starters on Rated Cross	9	Yearlings	-	-	-	Winners	3	4	-
Total Starters	9	2YOs	-	-	-	SW	1	1	-

Sire		Broodmare Sire	
Sire Name	First Defence	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.82	Broodmare Sire AEI	0.77
Progeny AWD	7.03 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Close Hatches (\$2,707,300)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	12	6	6	132	14,271
Starters (% Foals of Racing Age)	9 (75%)	4 (67%)	5 (83%)	96 (73%)	10,046 (70%)
Winners (% Starters)	7 (78%)	4 (100%)	3 (60%)	60 (62%)	6,675 (66%)
SW (% Starters)	2 (22%)	1 (25%)	1 (20%)	1 (1%)	554 (6%)
Earnings	\$751,406	\$625,228	\$126,178	\$5,597,155	\$714,656,547
Avg Distance Raced	7.05 f	7.32 f	6.64 f	6.94 f	7.51 f
Avg Winning Distance	7.06 f	7.14 f	6.93 f	7.03 f	7.41 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
DUNDONNELL	Colt	2010	First Defence/Danzig	G3SW
PISTOLS DRAWN	Filly	2011	First Defence/Belong to Me	SW
Tombelaine	Colt	2012	First Defence/Danehill	G3SP
Abseil	Colt	2010	First Defence/Danehill	Wnr
Got Her Cheap	Filly	2010	First Defence/Polish Numbers	Wnr
First Defender	Gelding	2011	First Defence/Polish Numbers	Wnr
Amber Isle	Filly	2011	First Defence/Danzig	Wnr
Revise	Filly	2010	First Defence/Danzig	Rnr
Farendole	Filly	2012	First Defence/Danzig	Rnr
Bank Guarantee	Colt	2012	First Defence/Danzig	Unr
Overseen	Filly	2011	First Defence/Danzig	Unr
Unnamed	Colt	2010	First Defence/Honor Grades	Unr

Note: This cross has fewer than 15 foals of racing age.

Pedigree and racing information provided by:





HYPOTHETICAL: Ghostzapper -- Moonlight Cloud (GB)
 Based on the cross of Ghostzapper/Danzig and his sons and grandsons

A++
 Variant = 24.05

Hypothetical Foal	Ghostzapper, 00 b	Awesome Again, 94 b	Deputy Minister, 79 dk b/	Vice Regent, 67 ch	Northern Dancer, 61 b
				Mint Copy, 70 dk b/	Victoria Regina, 58 ch
			Primal Force, 87 b	Blushing Groom (FR), 74 ch	Bunty's Flight, 53 dk b
				Prime Prospect, 78 b	Shakney, 64 dk b/
					Red God, 54 ch
		Baby Zip, 91 b	Relaunch, 76 gr	In Reality, 64 b	Runaway Bride (GB), 62 b
					Foggy Note, 65 gr
			Thirty Zip, 83 dk b/	Tri Jet, 69 dk b/	Square Generation, 69 ch
					Sailaway, 76 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	The Axe II, 58 gr
				Foreign Courier, 79 b	Silver Song, 57 gr
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Jester, 55 b
					=Eljazzi, 81 b
				=Spectrum (IRE), 92 b	Rainbow Quest, 81 b
		Ventura (IRE), 98 b	=River Dancer (IRE), 83 b	Kings Lake, 78 b	Quick Wit, 56 ch
					Wedding Bouquet (IRE), 87 b
					Pas de Nom, 68 dk b/
					Sir Ivor, 65 b
			Courtly Dee, 68 dk b/		
			Sharpen Up (GB), 69 ch		
			Doubly Sure (GB), 71 b		
			Artaius, 74 b		
			=Border Bounty (GB), 65 b		
			Blushing Groom (FR), 74 ch		
			I Will Follow, 75 b		
			Irish River (FR), 76 ch		
			Dancing Shadow (IRE), 77 b		
			Nijinsky II, 67 b		
			*Fish-Bar, 67 b		
			Master Derby, 72 ch		
			Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.24%	Unique Ancestors: 394/510

Dosage Information	
Dosage Profile: 2 5 8 1 0	
Dosage Index: 2.20	Center of Distribution: +0.50

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Ghostzapper -- Moonlight Cloud (GB)
Based on the cross of Ghostzapper/Danzig and his sons and grandsons

A++
Variant = 24.05

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	9	Weanlings	-	-	-	Starters	8	7	6
Total Starters	9	Yearlings	-	-	-	Winners	4	2	5
		2YOs	-	-	-	SW	2	1	1

Sire		Broodmare Sire	
Sire Name	Ghostzapper	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.27	Broodmare Sire AEI	0.77
Progeny AWD	7.20 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Moreno (\$1,834,940)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	11	7	4	444	16,345
Starters (% Foals of Racing Age)	9 (82%)	6 (86%)	3 (75%)	290 (65%)	11,291 (69%)
Winners (% Starters)	8 (89%)	5 (83%)	3 (100%)	219 (76%)	7,443 (66%)
SW (% Starters)	3 (33%)	2 (33%)	1 (33%)	33 (11%)	638 (6%)
Earnings	\$987,018	\$783,164	\$203,854	\$30,652,068	\$774,936,112
Avg Distance Raced	7.13 f	7.09 f	7.35 f	7.26 f	7.47 f
Avg Winning Distance	6.58 f	6.45 f	7.00 f	7.22 f	7.38 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
UNITED COLOR	Horse	2009	Ghostzapper/Langfuhr	G3SW
SUBSIDIZED	Mare	2007	Ghostzapper/Tilt the Stars	SW
ACES AGAIN	Gelding	2008	Ghostzapper/Danehill	SW
Fantasma	Mare	2007	Ghostzapper/Sea Hero	Wnr
Hathraan	Gelding	2010	Ghostzapper/Danzig	Wnr
Natorious Zapper	Gelding	2010	Ghostzapper/Boundary	Wnr
Levia Vita	Mare	2008	Ghostzapper/Sea Hero	Wnr
Ghostbustin'	Gelding	2007	Ghostzapper/Belong to Me	Wnr
Allegedly Awesome	Horse	2008	Ghostzapper/Sea Hero	Rnr
Bear Zapper (AUS)	Gelding	2009	Ghostzapper/Pine Bluff	Unr
Holy Spirit	Mare	2007	Ghostzapper/Honor Grades	Unr

Note: This cross has fewer than 15 foals of racing age.

Pedigree and racing information provided by:





HYPOTHETICAL: Flatter -- Moonlight Cloud (GB)
 Based on the cross of Flatter/Danzig and his sons and grandsons

A++
 Variant = 19.39

Hypothetical Foal	Flatter, 99 b	A.P. Indy, 89 dk b/	Seattle Slew, 74 dk b/	Bold Reasoning, 68 dk b/	Boldnesian, 63 b	
				My Charmer, 69 b	Reason to Earn, 63 b	
				Secretariat, 70 ch	Poker, 63 b	
			Weekend Surprise, 80 b	Lassie Dear, 74 b	Fair Charmer, 59 ch	
				Mr. Prospector, 70 b	Raise a Native, 61 ch	Bold Ruler, 54 dk b
					Gold Digger, 62 b	Somethingroyal, 52 b
		Praise, 94 b	Wild Applause, 81 b	Northern Dancer, 61 b	Buckpasser, 63 b	
				Glowing Tribute, 73 b	Gay Missile, 67 b	
				Green Desert, 83 b	Raise a Native, 61 ch	Native Dancer, 50 gr
			Foreign Courier, 79 b		Raise You, 46 ch	
			Rafha (GB), 87 b		Nashua, 52 b	
			Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	=Spectrum (IRE), 92 b	Danzig, 77 b
	Foreign Courier, 79 b	Nearctic, 54 br				
	=Kris (GB), 76 ch	Natalma, 57 b				
	Ventura (IRE), 98 b	Wedding Bouquet (IRE), 87 b			Rainbow Quest, 81 b	Graustark, 63 ch
					=River Dancer (IRE), 83 b	Admiring, 62 dk b/
					Kings Lake, 78 b	Northern Dancer, 61 b
	=Eljazzi, 81 b	Doff the Derby, 81 b		Sharpener Up (GB), 69 ch	Pas de Nom, 68 dk b/	
				Doubly Sure (GB), 71 b	Sir Ivor, 65 b	
				Artaius, 74 b	Courtly Dee, 68 dk b/	
		=Border Bounty (GB), 65 b		Blushing Groom (FR), 74 ch	I Will Follow, 75 b	Irish River (FR), 76 ch
					Dancing Shadow (IRE), 77 b	Dancing Shadow (IRE), 77 b
					Nijinsky II, 67 b	*Fish-Bar, 67 b
	Master Derby, 72 ch	Margarethen, 62 dk b				

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.16%	Unique Ancestors: 361/510

Dosage Information	
Dosage Profile: 7 6 12 1 0	
Dosage Index: 2.71	Center of Distribution: +0.73

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Flatter -- Moonlight Cloud (GB)
Based on the cross of Flatter/Danzig and his sons and grandsons

A++
Variant = 19.39

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	22	Weanlings	-	-	-	Starters	21	12	9
Total Starters	22	Yearlings	-	-	-	Winners	16	1	3
		2YOs	-	-	-	SW	5	-	-

Sire		Broodmare Sire	
Sire Name	Flatter	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.62	Broodmare Sire AEI	0.77
Progeny AWD	6.92 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Flat Out (\$3,645,383)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	37	14	23	519	14,404
Starters (% Foals of Racing Age)	22 (59%)	9 (64%)	13 (57%)	393 (76%)	9,936 (69%)
Winners (% Starters)	16 (73%)	6 (67%)	10 (77%)	295 (75%)	6,550 (66%)
SW (% Starters)	5 (23%)	2 (22%)	3 (23%)	25 (6%)	484 (5%)
Earnings	\$1,907,394	\$1,091,277	\$816,117	\$28,315,349	\$633,842,850
Avg Distance Raced	7.04 f	7.40 f	6.68 f	7.00 f	7.30 f
Avg Winning Distance	7.03 f	7.25 f	6.73 f	6.92 f	7.17 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
MAD FLATTER	Horse	2005	Flatter/Honor Grades	G3SW
CLASSIC POINT	Mare	2009	Flatter/Langfuhr	SW
COLOR ME BLUE	Gelding	2006	Flatter/Danzig Connection	SW
INDY'S ALEXANDRA	Mare	2005	Flatter/Ghazi	SW
ICE FOR THE LADY	Filly	2011	Flatter/Military	SW
Bernardo	Colt	2010	Flatter/Danzig	Wnr
Tiban	Gelding	2007	Flatter/Bianconi	Wnr
Fluff	Mare	2005	Flatter/Boundary	Wnr
Thedueceisluece	Mare	2006	Flatter/Danzig	Wnr
Casual Amour	Horse	2007	Flatter/Ghazi	Wnr
Flatter Me Weezy	Mare	2007	Flatter/Chief's Crown	Wnr
Cheers for Sidney	Filly	2012	Flatter/Concerto	Wnr
Flatterin Wendy	Filly	2010	Flatter/Concerto	Wnr
Flat Deposit	Filly	2012	Flatter/Brahms	Wnr
Gamza	Gelding	2009	Flatter/Lil's Lad	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: =Lope de Vega (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Lope de Vega (IRE)/Danzig and his sons and grandsons

A++
 Variant = 14.02

Hypothetical Foal	=Lope de Vega (IRE), 07 ch	Shamardal, 02 b	Giant's Causeway, 97 ch	Storm Cat, 83 dk b/	Storm Bird, 78 b
					Terlingua, 76 ch
				Mariah's Storm, 91 b	Rahy, 85 ch
			Helsinki (GB), 93 b	Machiavellian, 87 dk b/	Immense, 79 b
					Mr. Prospector, 70 b
				Helen Street (GB), 82 b	Coup de Folie, 82 b
		=Lady Vettori (GB), 97 b	=Vettori (IRE), 92 b	Machiavellian, 87 dk b/	=Troy (GB), 76 b
					=Waterway (FR), 76 ch
				Air Distingue, 80 b	Mr. Prospector, 70 b
			=Lady Golconda (FR), 92 ch	=Kendor (FR), 86 gr	Coup de Folie, 82 b
					Sir Ivor, 65 b
				Lady Sharp (FR), 81 ch	Euryanthe, 75 ch
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	=Kenmare (FR), 75 gr
					=Belle Mecene (FR), 82 b
				Foreign Courier, 79 b	=Sharpman (IRE), 76 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	=Golondrina, 70 b
					Northern Dancer, 61 b
				=Eljazzi, 81 b	Pas de Nom, 68 dk b/
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
				=River Dancer (IRE), 83 b	Sharpen Up (GB), 69 ch
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Doubly Sure (GB), 71 b
					Artaius, 74 b
				Doff the Derby, 81 b	=Border Bounty (GB), 65 b
		Blushing Groom (FR), 74 ch			
		I Will Follow, 75 b			
		Irish River (FR), 76 ch			
		Dancing Shadow (IRE), 77 b			
		Nijinsky II, 67 b			
		*Fish-Bar, 67 b			
		Master Derby, 72 ch			
		Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.62%	Unique Ancestors: 351/510

Dosage Information	
Dosage Profile: 0 1 6 1 0	
Dosage Index: 1.00	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: =Lope de Vega (IRE) -- Moonlight Cloud (GB)
Based on the cross of Lope de Vega (IRE)/Danzig and his sons and grandsons

A++
Variant = 14.02

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	-	9	1
Additional Starters on Rated Cross	8	Yearlings	-	-	-	Winners	-	6	-
Total Starters	9	2YOs	1	\$63,056	\$63,056	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	=Lope de Vega (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.97	Broodmare Sire AEI	0.77
Progeny AWD	6.38 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Belardo (IRE) (\$455,052)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	53	33	20	138	29,995
Starters (% Foals of Racing Age)	9 (17%)	6 (18%)	3 (15%)	38 (28%)	17,868 (60%)
Winners (% Starters)	6 (67%)	4 (67%)	2 (67%)	12 (32%)	10,781 (60%)
SW (% Starters)	2 (22%)	1 (17%)	1 (33%)	2 (5%)	785 (4%)
Earnings	\$664,634	\$505,737	\$158,897	\$465,902	\$901,763,102
Avg Distance Raced	6.21 f	6.18 f	6.27 f	6.64 f	7.67 f
Avg Winning Distance	6.11 f	6.33 f	5.67 f	6.54 f	7.58 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
BELARDO (IRE)	Colt	2012	Lope de Vega (IRE)/Danehill	G1SW
ROYAL RAZALMA (IRE)	Filly	2012	Lope de Vega (IRE)/Flying Spur (AUS)	G3SW
Very Special (IRE)	Filly	2012	Lope de Vega (IRE)/Danehill	Wnr
Lupie (IRE)	Colt	2012	Lope de Vega (IRE)/Invincible Spirit (IRE)	Wnr
Bahama Moon (IRE)	Colt	2012	Lope de Vega (IRE)/Dansili (GB)	Wnr
Endless Drama (IRE)	Colt	2012	Lope de Vega (IRE)/Green Desert	Wnr
She Is No Lady (GB)	Filly	2012	Lope de Vega (IRE)/Cape Cross (IRE)	PI
Spanish Squeeze (IRE)	Colt	2012	Lope de Vega (IRE)/Perugino	PI
Expreso Brasileiro (IRE)	Colt	2012	Lope de Vega (IRE)/Nicholas	Rnr
Carpio (AUS)	Gelding	2012	Lope de Vega (IRE)/Exceed And Excel (AUS)	Unr
Certain Smile (IRE)	Colt	2012	Lope de Vega (IRE)/Zieten	Unr
Comedia Eria (FR)	Filly	2012	Lope de Vega (IRE)/Danehill Dancer (IRE)	Unr
Drake The Pirate (AUS)	Colt	2012	Lope de Vega (IRE)/Desert King (IRE)	Unr
French Charm (AUS)	Filly	2012	Lope de Vega (IRE)/Monashee Mountain	Unr
Kolovrat (IRE)	Colt	2012	Lope de Vega (IRE)/Green Desert	Unr

Pedigree and racing information provided by:



HYPOTHETICAL: =Lethal Force (IRE) -- Moonlight Cloud (GB)

Based on the cross of Dark Angel (IRE) and his sons/Green Desert and his sons and grandsons

A++
Variant = 9.82

Hypothetical Foal	=Lethal Force (IRE), 09 gr	=Dark Angel (IRE), 05 gr	=Acclamation (GB), 99 b	\$Royal Applause (GB), 93 b	=Waaajib (IRE), 83 b			
				=Princess Athena (IRE), 85 b	=Flying Melody (IRE), 79 b			
				Machiavellian, 87 dk b/	=Ahonoora (GB), 75 ch			
				=Night At Sea (GB), 87 gr	=Shopping Wise (GB), 65 b			
					Mr. Prospector, 70 b			
		=Land Army (IRE), 01 b	=Midnight Angel (GB), 94 gr	=Desert Style (IRE), 92 b	Green Desert, 83 b	Danzig, 77 b		
						=Organza (GB), 85 b	Foreign Courier, 79 b	
							=High Top (IRE), 69 b	
							=Canton Silk (GB), 70 gr	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Rafha (GB), 87 b	Danzig, 77 b	Northern Dancer, 61 b		
					Foreign Courier, 79 b	Pas de Nom, 68 dk b/		
					=Kris (GB), 76 ch	Sir Ivor, 65 b		
					=Eljazzi, 81 b	Courtly Dee, 68 dk b/		
						Sharpen Up (GB), 69 ch		
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Wedding Bouquet (IRE), 87 b		Doubly Sure (GB), 71 b	
						=River Dancer (IRE), 83 b	Artaius, 74 b	
							=Border Bounty (GB), 65 b	
						Kings Lake, 78 b	Blushing Groom (FR), 74 ch	
						Doff the Derby, 81 b	I Will Follow, 75 b	
				Irish River (FR), 76 ch				
				Dancing Shadow (IRE), 77 b				
				Nijinsky II, 67 b				
				*Fish-Bar, 67 b				
				Master Derby, 72 ch				
				Margarethen, 62 dk b				

Pedigree Statistics	
Coefficient of Relatedness: 3.71%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.76%	Unique Ancestors: 391/510

Dosage Information	
Dosage Profile: 0 1 2 1 0	
Dosage Index: 1.00	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: =Lethal Force (IRE) -- Moonlight Cloud (GB)**

Based on the cross of Dark Angel (IRE) and his sons/Green Desert and his sons and grandsons

A++

Variant = 9.82

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	14	Weanlings	-	-	-	Starters	1	14	10
Total Starters	14	Yearlings	-	-	-	Winners	1	10	7
		2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	=Lethal Force (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	18	10	8	292	5,235
Starters (% Foals of Racing Age)	14 (78%)	9 (90%)	5 (62%)	211 (72%)	3,343 (64%)
Winners (% Starters)	13 (93%)	9 (100%)	4 (80%)	130 (62%)	1,929 (58%)
SW (% Starters)	2 (14%)	2 (22%)	-	10 (5%)	151 (5%)
Earnings	\$1,662,541	\$1,523,890	\$138,651	\$8,080,725	\$140,729,049
Avg Distance Raced	6.50 f	6.69 f	6.24 f	7.53 f	8.07 f
Avg Winning Distance	6.24 f	6.49 f	5.84 f	7.47 f	7.77 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LETHAL FORCE (IRE)	Horse	2009	Dark Angel (IRE)/Desert Style (IRE)	G1SW
HEERAAT (IRE)	Horse	2009	Dark Angel (IRE)/Green Desert	G3SW
Night Angel (IRE)	Mare	2009	Dark Angel (IRE)/Desert Style (IRE)	Wnr
Blanc de Chine (IRE)	Mare	2009	Dark Angel (IRE)/Green Desert	Wnr
Dark Castle (GB)	Gelding	2009	Dark Angel (IRE)/Magic Ring (IRE)	Wnr
Malachim Mist (IRE)	Gelding	2011	Dark Angel (IRE)/Desert Style (IRE)	Wnr
Black Granite (IRE)	Gelding	2012	Dark Angel (IRE)/Oasis Dream (GB)	Wnr
Global Leader (IRE)	Gelding	2010	Dark Angel (IRE)/Invincible Spirit (IRE)	Wnr
Your Pal Tal (GB)	Gelding	2010	Dark Angel (IRE)/Magic Ring (IRE)	Wnr
Fiftyshadesofgrey (IRE)	Gelding	2011	Dark Angel (IRE)/Kheleyf	Wnr
Mendacious Harpy (IRE)	Filly	2011	Dark Angel (IRE)/Green Desert	Wnr
George Bowen (IRE)	Gelding	2012	Dark Angel (IRE)/Oasis Dream (GB)	Wnr
Moonlit Dancer (IRE)	Filly	2010	Dark Angel (IRE)/Kheleyf	Wnr
Where's Sue (IRE)	Filly	2012	Dark Angel (IRE)/Kheleyf	Rnr
Grey Khan (IRE)	Colt	2010	Dark Angel (IRE)/Green Desert	Unr

Pedigree and racing information provided by:



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HYPOTHETICAL: =Dark Angel (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Dark Angel (IRE)/Green Desert and his sons and grandsons

A++
 Variant = 9.82

Hypothetical Foal	=Dark Angel (IRE), 05 gr	=Acclamation (GB), 99 b	\$Royal Applause (GB), 93 b	=Waaajib (IRE), 83 b	Try My Best, 75 b
				=Flying Melody (IRE), 79 b	=Coryana (IRE), 76 b
					Auction Ring, 72 b
					=Whispering Star (gb), 63 ch
					*Lorenzaccio, 65 ch
		=Princess Athena (IRE), 85 b	=Ahonoora (GB), 75 ch	=Helen Nichols, 66 ch	
			=Shopping Wise (GB), 65 b	=Floribunda (GB), 58 b	
				=Sea Melody (GB), 57 b	
			Machiavellian, 87 dk b/	Mr. Prospector, 70 b	Raise a Native, 61 ch
				Coup de Folie, 82 b	Gold Digger, 62 b
	=Midnight Angel (GB), 94 gr	=Night At Sea (GB), 87 gr		Halo, 69 dk b/	
				Raise the Standard, 78 b	
			Night Shift, 80 b	Northern Dancer, 61 b	
			=Into Harbour (GB), 73 gr	Ciboulette, 61 dk b	
				=Right Tack (GB), 66 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
					Pas de Nom, 68 dk b/
				Foreign Courier, 79 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
Rafha (GB), 87 b			=Kris (GB), 76 ch	Doubly Sure (GB), 71 b	
			=Eljazzi, 81 b	Artaius, 74 b	
				=Border Bounty (GB), 65 b	
		=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Blushing Groom (FR), 74 ch	
				I Will Follow, 75 b	
Ventura (IRE), 98 b	=River Dancer (IRE), 83 b	Irish River (FR), 76 ch			
		Dancing Shadow (IRE), 77 b			
	Kings Lake, 78 b	Nijinsky II, 67 b			
		*Fish-Bar, 67 b			
	Wedding Bouquet (IRE), 87 b	Master Derby, 72 ch			
		Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 0.98%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.32%	Unique Ancestors: 396/510

Dosage Information	
Dosage Profile: 1 1 3 1 0	
Dosage Index: 1.40	Center of Distribution: +0.33

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Dark Angel (IRE) -- Moonlight Cloud (GB)

Based on the cross of Dark Angel (IRE)/Green Desert and his sons and grandsons

A++

Variant = 9.82

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	1	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	13	Weanlings	2	\$55,525	\$55,525	Starters	1	14	10
Total Starters	14	Yearlings	5	\$77,583	\$53,600	Winners	1	10	7
		2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	=Dark Angel (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.70	Broodmare Sire AEI	0.77
Progeny AWD	7.32 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Lethal Force (IRE) (\$1,151,683)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	18	10	8	292	5,235
Starters (% Foals of Racing Age)	14 (78%)	9 (90%)	5 (62%)	211 (72%)	3,343 (64%)
Winners (% Starters)	13 (93%)	9 (100%)	4 (80%)	130 (62%)	1,929 (58%)
SW (% Starters)	2 (14%)	2 (22%)	-	10 (5%)	151 (5%)
Earnings	\$1,662,541	\$1,523,890	\$138,651	\$8,080,725	\$140,729,049
Avg Distance Raced	6.50 f	6.69 f	6.24 f	7.53 f	8.07 f
Avg Winning Distance	6.24 f	6.49 f	5.84 f	7.47 f	7.77 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LETHAL FORCE (IRE)	Horse	2009	Dark Angel (IRE)/Desert Style (IRE)	G1SW
HEERAAT (IRE)	Horse	2009	Dark Angel (IRE)/Green Desert	G3SW
Night Angel (IRE)	Mare	2009	Dark Angel (IRE)/Desert Style (IRE)	Wnr
Blanc de Chine (IRE)	Mare	2009	Dark Angel (IRE)/Green Desert	Wnr
Dark Castle (GB)	Gelding	2009	Dark Angel (IRE)/Magic Ring (IRE)	Wnr
Malachim Mist (IRE)	Gelding	2011	Dark Angel (IRE)/Desert Style (IRE)	Wnr
Black Granite (IRE)	Gelding	2012	Dark Angel (IRE)/Oasis Dream (GB)	Wnr
Global Leader (IRE)	Gelding	2010	Dark Angel (IRE)/Invincible Spirit (IRE)	Wnr
Your Pal Tal (GB)	Gelding	2010	Dark Angel (IRE)/Magic Ring (IRE)	Wnr
Fiftyshadesofgrey (IRE)	Gelding	2011	Dark Angel (IRE)/Kheleyf	Wnr
Mendacious Harpy (IRE)	Filly	2011	Dark Angel (IRE)/Green Desert	Wnr
George Bowen (IRE)	Gelding	2012	Dark Angel (IRE)/Oasis Dream (GB)	Wnr
Moonlit Dancer (IRE)	Filly	2010	Dark Angel (IRE)/Kheleyf	Wnr
Where's Sue (IRE)	Filly	2012	Dark Angel (IRE)/Kheleyf	Rnr
Grey Khan (IRE)	Colt	2010	Dark Angel (IRE)/Green Desert	Unr

Pedigree and racing information provided by:



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ENHANCED

HYPOTHETICAL: Dream Ahead -- Moonlight Cloud (GB)

Based on the cross of Diktat (GB) and his sons/Green Desert and his sons and grandsons

A++

Variant = 8.82

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	18	Weanlings	-	-	-	Starters	3	17	10
Total Starters	18	Yearlings	1	\$82,459	\$82,459	Winners	1	11	2
		2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	Dream Ahead	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	25	14	11	781	6,698
Starters (% Foals of Racing Age)	18 (72%)	12 (86%)	6 (55%)	607 (78%)	4,168 (62%)
Winners (% Starters)	11 (61%)	7 (58%)	4 (67%)	335 (55%)	2,376 (57%)
SW (% Starters)	2 (11%)	1 (8%)	1 (17%)	22 (4%)	166 (4%)
Earnings	\$708,204	\$562,982	\$145,222	\$22,815,746	\$166,778,981
Avg Distance Raced	8.54 f	8.53 f	8.56 f	9.27 f	7.98 f
Avg Winning Distance	7.60 f	7.45 f	8.27 f	8.78 f	7.74 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CHILWORTH LAD (GB)	Gelding	2008	Diktat (GB)/Desert Style (IRE)	SW
NORWEGIAN PRIDE (FR)	Mare	2002	Diktat (GB)/Green Desert	SW
Red Alert Day (GB)	Gelding	2005	Diktat (GB)/Green Desert	G3SP
Quevedo (SPA)	Colt	2012	Diktat (GB)/Desert Style (IRE)	SP
Heroes (GB)	Gelding	2004	Diktat (GB)/Green Desert	Wnr
Mindik (IRE)	Mare	2007	Diktat (GB)/Green Desert	Wnr
Green Dik (GB)	Gelding	2002	Diktat (GB)/Green Desert	Wnr
Redrightreturning (GB)	Mare	2002	Diktat (GB)/Green Desert	Wnr
Dougie Peel (GB)	Gelding	2006	Diktat (GB)/Green Desert	Wnr
Noble Dictator (GB)	Gelding	2006	Diktat (GB)/Green Desert	Wnr
Imperial Decree (GB)	Mare	2005	Diktat (GB)/Desert Prince (IRE)	Wnr
Dikta Melody (FR)	Mare	2007	Diktat (GB)/Green Desert	PI
Bright Dictator (IRE)	Mare	2008	Diktat (GB)/Green Desert	Rnr
Dikman (FR)	Gelding	2007	Diktat (GB)/Desert Story (IRE)	Rnr
Freddie Bolt (GB)	Gelding	2006	Diktat (GB)/Green Desert	Rnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Speightstown -- Moonlight Cloud (GB)
Based on the cross of Speightstown/Danzig and his sons and grandsons

A++
Variant = 7.97

Hypothetical Foal	Speightstown, 98 ch	Gone West, 84 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
					Raise You, 46 ch
			Gold Digger, 62 b	Nashua, 52 b	
				Sequence, 46 dk b	
			Secretariat, 70 ch	Bold Ruler, 54 dk b	
		Secrettame, 78 ch	Somethingroyal, 52 b		
			Tamerett, 62 dk b/	Tim Tam, 55 dk b	
				*Mixed Marriage, 52 b	
			Storm Bird, 78 b	Northern Dancer, 61 b	
				South Ocean, 67 b	
	Silken Cat, 93 ch	Storm Cat, 83 dk b/	Secretariat, 70 ch		
			Crimson Saint, 69 ch		
		Silken Doll, 80 b	Chieftain, 61 br	Bold Ruler, 54 dk b	
				Pocahontas, 55 br	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
					Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	Foreign Courier, 79 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
				=Kris (GB), 76 ch	Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
					Artaius, 74 b
=River Dancer (IRE), 83 b				=Border Bounty (GB), 65 b	
Wedding Bouquet (IRE), 87 b			Kings Lake, 78 b	Blushing Groom (FR), 74 ch	
			Doff the Derby, 81 b	I Will Follow, 75 b	
		Irish River (FR), 76 ch			
		Dancing Shadow (IRE), 77 b			
		Nijinsky II, 67 b			
		*Fish-Bar, 67 b			
		Master Derby, 72 ch			
		Margarethen, 62 dk b			

Pedigree Statistics

Coefficient of Relatedness: 0.59%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.82%	Unique Ancestors: 358/510

Dosage Information

Dosage Profile: 4 6 9 1 0	
Dosage Index: 2.64	Center of Distribution: +0.65

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Speightstown -- Moonlight Cloud (GB)
Based on the cross of Speightstown/Danzig and his sons and grandsons

A++
Variant = 7.97

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	36	Weanlings	-	-	-	Starters	29	28	23
Total Starters	36	Yearlings	-	-	-	Winners	20	10	10
		2YOs	-	-	-	SW	3	3	1

Sire		Broodmare Sire	
Sire Name	Speightstown	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.14	Broodmare Sire AEI	0.77
Progeny AWD	6.44 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Reynaldothewizard (\$1,648,290)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	45	21	24	602	25,964
Starters (% Foals of Racing Age)	36 (80%)	17 (81%)	19 (79%)	463 (77%)	17,705 (68%)
Winners (% Starters)	31 (86%)	14 (82%)	17 (89%)	374 (81%)	11,632 (66%)
SW (% Starters)	7 (19%)	4 (24%)	3 (16%)	55 (12%)	916 (5%)
Earnings	\$4,735,810	\$3,323,907	\$1,411,903	\$49,654,373	\$1,123,047,186
Avg Distance Raced	6.73 f	7.02 f	6.49 f	6.52 f	7.48 f
Avg Winning Distance	6.96 f	7.05 f	6.88 f	6.41 f	7.36 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
JERSEY TOWN	Horse	2006	Speightstown/Belong to Me	G1SW
SEEK AGAIN	Colt	2010	Speightstown/Danehill	G1SW
FAST BULLET	Horse	2008	Speightstown/Dayjur	G2SW
DELEGATION	Gelding	2009	Speightstown/Sea Hero	G3SW
RECEPTA	Filly	2011	Speightstown/Honor Grades	SW
FARMAH	Filly	2011	Speightstown/Orpen	SW
THAT'S HOW I ROLL	Mare	2007	Speightstown/Lost Soldier	SW
Capital Attraction	Gelding	2007	Speightstown/Chief's Crown	G3SP
Scaramagna	Gelding	2009	Speightstown/Pine Bluff	G3SP
Speightstown Lady	Mare	2008	Speightstown/Pine Bluff	SP
Chattertown	Mare	2006	Speightstown/Lost Soldier	SP
Exactement (IRE)	Filly	2010	Speightstown/Elnadim	SP
At First Speight	Mare	2007	Speightstown/Outflanker	Wnr
Vested in Town	Mare	2007	Speightstown/Boundary	Wnr
Amber Coast	Gelding	2009	Speightstown/Pine Bluff	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: =Teofilo (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Teofilo (IRE)/Green Desert and his sons and grandsons

A++
 Variant = 7.73

Hypothetical Foal	=Teofilo (IRE), 04 b	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br	
				Fairy Bridge, 75 b	Natalma, 57 b	
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b	
				Allegretta (GB), 78 ch	Special, 69 b	
					Mr. Prospector, 70 b	
		Speirbhean (IRE), 98 b	Danehill, 86 b	Danzig, 77 b	Hopespringseternal, 71 ch	
				Razyana, 81 b	=Lombard (GER), 67 ch	
			Saviour, 87 b	Majestic Light, 73 b	=Anatevka (GER), 69 ch	
					Victorian Queen, 71 b	Northern Dancer, 61 b
				His Majesty, 68 b		
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Pas de Nom, 68 dk b/	
				Foreign Courier, 79 b	Sir Ivor, 65 b	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Courtly Dee, 68 dk b/	
				=Spectrum (IRE), 92 b	=Eljazzi, 81 b	Sharpen Up (GB), 69 ch
					Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
		Ventura (IRE), 98 b	=River Dancer (IRE), 83 b	Kings Lake, 78 b	Artaius, 74 b	
					Doff the Derby, 81 b	=Border Bounty (GB), 65 b
			Wedding Bouquet (IRE), 87 b	Rainbow Quest, 81 b	Kings Lake, 78 b	Blushing Groom (FR), 74 ch
						Doff the Derby, 81 b
				Doff the Derby, 81 b	Irish River (FR), 76 ch	
Dancing Shadow (IRE), 77 b						
Nijinsky II, 67 b						
*Fish-Bar, 67 b						
Master Derby, 72 ch						
Margarethen, 62 dk b						

Pedigree Statistics	
Coefficient of Relatedness: 3.03%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.52%	Unique Ancestors: 357/510

Dosage Information	
Dosage Profile: 1 2 6 3 0	
Dosage Index: 1.00	Center of Distribution: +0.08

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Teofilo (IRE) -- Moonlight Cloud (GB)

Based on the cross of Teofilo (IRE)/Green Desert and his sons and grandsons

A++

Variant = 7.73

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	-	20	9
Additional Starters on Rated Cross	20	Yearlings	-	-	-	Winners	-	11	1
Total Starters	21	2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Teofilo (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.76	Broodmare Sire AEI	0.77
Progeny AWD	9.58 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Trading Leather (IRE) (\$2,173,207)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	29	18	11	688	6,509
Starters (% Foals of Racing Age)	21 (72%)	13 (72%)	8 (73%)	370 (54%)	4,023 (62%)
Winners (% Starters)	11 (52%)	9 (69%)	2 (25%)	204 (55%)	2,282 (57%)
SW (% Starters)	3 (14%)	3 (23%)	-	25 (7%)	164 (4%)
Earnings	\$1,739,784	\$1,696,653	\$43,131	\$13,708,013	\$171,234,021
Avg Distance Raced	9.10 f	9.16 f	8.94 f	9.48 f	8.03 f
Avg Winning Distance	8.72 f	8.86 f	7.07 f	9.64 f	7.82 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr
Dominandros (FR)	Gelding	2011	Teofilo (IRE)/Oasis Dream (GB)	Wnr
Spirit of Teofilo (FR)	Gelding	2010	Teofilo (IRE)/Invincible Spirit (IRE)	Wnr
Midnight Warrior (GB)	Gelding	2010	Teofilo (IRE)/Green Desert	Wnr
Shining Eyes (AUS)	Gelding	2011	Teofilo (IRE)/Desert Sun (GB)	Wnr
Strawberriesncream (IRE)	Filly	2011	Teofilo (IRE)/Green Desert	Wnr
Al Destoor (GB)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	PI
Miss Ekaterina (IRE)	Mare	2009	Teofilo (IRE)/Green Desert	PI
Ehtifaal (IRE)	Gelding	2011	Teofilo (IRE)/Green Desert	PI
Mutajally (GB)	Colt	2010	Teofilo (IRE)/Green Desert	PI

Pedigree and racing information provided by:



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HYPOTHETICAL: =Makfi (GB) -- Moonlight Cloud (GB)
 Based on the cross of Dubawi (IRE) and his sons/Green Desert and his sons and grandsons

A++
 Variant = 7.22

Hypothetical Foal	=Makfi (GB), 07 b	=Dubawi (IRE), 02 b	=Dubai Millennium (GB), 96 b	Seeking the Gold, 85 b	Mr. Prospector, 70 b
				Colorado Dancer (IRE), 86 dk b/	Con Game, 74 dk b/
			Zomaradah (GB), 95 b	=Deploy (GB), 87 b	=Shirley Heights (GB), 75 b
				=Jawaher (IRE), 89 b	Slightly Dangerous, 79 b
					Dancing Brave, 83 b
		=Dhelaal (GB), 02 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Irish Valley, 82 ch	Irish River (FR), 76 ch	Sir Ivor, 65 b
					=Courtly Dee, 68 dk b/
				*Green Valley II, 67 dk b/	Riverman, 69 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
				=Eljazzi, 81 b	Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
					Doff the Derby, 81 b
				I Will Follow, 75 b	

Pedigree Statistics	
Coefficient of Relatedness: 7.72%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 4.95%	Unique Ancestors: 340/510

Dosage Information	
Dosage Profile: 0 2 3 1 0	
Dosage Index: 1.40	Center of Distribution: +0.17

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: =Makfi (GB) -- Moonlight Cloud (GB)**

Based on the cross of Dubawi (IRE) and his sons/Green Desert and his sons and grandsons

A++

Variant = 7.22

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	1	\$152,218	\$152,218	Starters	3	45	26
Additional Starters on Rated Cross	44	Yearlings	-	-	-	Winners	2	26	5
Total Starters	45	2YOs	-	-	-	SW	-	8	1

Sire		Broodmare Sire	
Sire Name	=Makfi (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	0.72	Broodmare Sire AEI	0.77
Progeny AWD	6.75 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Cornwallville (IRE) (\$102,453)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	62	33	29	949	8,037
Starters (% Foals of Racing Age)	45 (73%)	26 (79%)	19 (66%)	656 (69%)	4,883 (61%)
Winners (% Starters)	30 (67%)	17 (65%)	13 (68%)	459 (70%)	2,795 (57%)
SW (% Starters)	8 (18%)	4 (15%)	4 (21%)	74 (11%)	188 (4%)
Earnings	\$9,787,119	\$8,705,889	\$1,081,230	\$61,046,793	\$198,923,105
Avg Distance Raced	7.48 f	7.21 f	7.78 f	8.19 f	7.82 f
Avg Winning Distance	7.23 f	7.11 f	7.43 f	8.55 f	7.63 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LUCKY NINE (IRE)	Gelding	2007	Dubawi (IRE)/Green Desert	G1SW
MAKFI (GB)	Horse	2007	Dubawi (IRE)/Green Desert	G1SW
DUBAWI GOLD (GB)	Horse	2008	Dubawi (IRE)/Green Desert	G2SW
AL THAKHIRA (GB)	Filly	2011	Dubawi (IRE)/Green Desert	G2SW
PERFECT TRIBUTE (GB)	Mare	2008	Dubawi (IRE)/Invincible Spirit (IRE)	G3SW
ZUBBAYA (AUS)	Mare	2007	Dubawi (IRE)/Green Desert	SW
FORT KNOX (GB)	Gelding	2010	Dubawi (IRE)/Green Desert	SW
MANGIAPREGAAMA (ITY)	Filly	2010	Dubawi (IRE)/Cape Cross (IRE)	SW
Arsaadi (IRE)	Mare	2009	Dubawi (IRE)/Cape Cross (IRE)	G3SP
Wednaan (GB)	Colt	2011	Dubawi (IRE)/Desert Prince (IRE)	G3SP
Midnight Music (IRE)	Mare	2008	Dubawi (IRE)/Green Desert	SP
Radiator (GB)	Filly	2011	Dubawi (IRE)/Green Desert	SP
Mujaazef (GB)	Gelding	2007	Dubawi (IRE)/Green Desert	Wnr
Clearly Passionate (AUS)	Mare	2007	Dubawi (IRE)/Magic Ring (IRE)	Wnr
Anton En Avant (AUS)	Gelding	2009	Dubawi (IRE)/Desert Prince (IRE)	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: =Poet's Voice (GB) -- Moonlight Cloud (GB)
 Based on the cross of Dubawi (IRE) and his sons/Green Desert and his sons and grandsons

A++
 Variant = 7.22

Hypothetical Foal	=Poet's Voice (GB), 07 b	=Dubawi (IRE), 02 b	=Dubai Millennium (GB), 96 b	Seeking the Gold, 85 b	Mr. Prospector, 70 b
				Colorado Dancer (IRE), 86 dk b/	Con Game, 74 dk b/
			Zomaradah (GB), 95 b	=Deploy (GB), 87 b	=Shirley Heights (GB), 75 b
				=Jawaher (IRE), 89 b	Slightly Dangerous, 79 b
					Dancing Brave, 83 b
		Bright Tiara, 89 ch	Chief's Crown, 82 b	Danzig, 77 b	Northern Dancer, 61 b
				Six Crowns, 76 ch	Pas de Nom, 68 dk b/
			Expressive Dance, 78 ro	Riva Ridge, 69 b	Secretariat, 70 ch
				Exclusive Dancer, 67 ro	Chris Evert, 71 ch
					First Landing, 56 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
				Doff the Derby, 81 b	Blushing Groom (FR), 74 ch
					I Will Follow, 75 b

Pedigree Statistics	
Coefficient of Relatedness: 2.15%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.28%	Unique Ancestors: 379/510

Dosage Information	
Dosage Profile: 0 4 3 3 0	
Dosage Index: 1.22	Center of Distribution: +0.10

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Poet's Voice (GB) -- Moonlight Cloud (GB)

Based on the cross of Dubawi (IRE) and his sons/Green Desert and his sons and grandsons

A++

Variant = 7.22

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	45	Weanlings	-	-	-	Starters	3	45	26
Total Starters	45	Yearlings	1	\$1,188,348	\$1,188,348	Winners	2	26	5
		2YOs	-	-	-	SW	-	8	1

Sire		Broodmare Sire	
Sire Name	=Poet's Voice (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	62	33	29	949	8,037
Starters (% Foals of Racing Age)	45 (73%)	26 (79%)	19 (66%)	656 (69%)	4,883 (61%)
Winners (% Starters)	30 (67%)	17 (65%)	13 (68%)	459 (70%)	2,795 (57%)
SW (% Starters)	8 (18%)	4 (15%)	4 (21%)	74 (11%)	188 (4%)
Earnings	\$9,787,119	\$8,705,889	\$1,081,230	\$61,046,793	\$198,923,105
Avg Distance Raced	7.48 f	7.21 f	7.78 f	8.19 f	7.82 f
Avg Winning Distance	7.23 f	7.11 f	7.43 f	8.55 f	7.63 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LUCKY NINE (IRE)	Gelding	2007	Dubawi (IRE)/Green Desert	G1SW
MAKFI (GB)	Horse	2007	Dubawi (IRE)/Green Desert	G1SW
DUBAWI GOLD (GB)	Horse	2008	Dubawi (IRE)/Green Desert	G2SW
AL THAKHIRA (GB)	Filly	2011	Dubawi (IRE)/Green Desert	G2SW
PERFECT TRIBUTE (GB)	Mare	2008	Dubawi (IRE)/Invincible Spirit (IRE)	G3SW
ZUBBAYA (AUS)	Mare	2007	Dubawi (IRE)/Green Desert	SW
FORT KNOX (GB)	Gelding	2010	Dubawi (IRE)/Green Desert	SW
MANGIAPREGAAMA (ITY)	Filly	2010	Dubawi (IRE)/Cape Cross (IRE)	SW
Arsaadi (IRE)	Mare	2009	Dubawi (IRE)/Cape Cross (IRE)	G3SP
Wednaan (GB)	Colt	2011	Dubawi (IRE)/Desert Prince (IRE)	G3SP
Midnight Music (IRE)	Mare	2008	Dubawi (IRE)/Green Desert	SP
Radiator (GB)	Filly	2011	Dubawi (IRE)/Green Desert	SP
Mujaazef (GB)	Gelding	2007	Dubawi (IRE)/Green Desert	Wnr
Clearly Passionate (AUS)	Mare	2007	Dubawi (IRE)/Magic Ring (IRE)	Wnr
Anton En Avant (AUS)	Gelding	2009	Dubawi (IRE)/Desert Prince (IRE)	Wnr

Pedigree and racing information provided by:



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ENHANCED

HYPOTHETICAL: =Dubawi (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Dubawi (IRE)/Green Desert and his sons and grandsons

A++
 Variant = 7.11

Hypothetical Foal	=Dubawi (IRE), 02 b	=Dubai Millennium (GB), 96 b	Seeking the Gold, 85 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	
				Con Game, 74 dk b/	Gold Digger, 62 b	
				Shareef Dancer, 80 b	Buckpasser, 63 b	
				Fall Aspen, 76 ch	Broadway, 59 b	
					Northern Dancer, 61 b	
		Zomaradah (GB), 95 b	=Deploy (GB), 87 b	Colorado Dancer (IRE), 86 dk b/		Sweet Alliance, 74 b
						Pretense, 63 dk b/
			=Jawaher (IRE), 89 b			Change Water, 69 ch
					=Shirley Heights (GB), 75 b	Mill Reef, 68 b
					Slightly Dangerous, 79 b	=Hardiemma, 69 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b			Roberto, 69 b
						Where You Lead, 70 ch
			Rafha (GB), 87 b	Dancing Brave, 83 b		Lyphard, 69 b
						Navajo Princess, 74 b
						=High Line (GB), 66 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b		=High Tern (IRE), 82 gr	=Sunbittern (GB), 70 gr
			Wedding Bouquet (IRE), 87 b	Danzig, 77 b		Northern Dancer, 61 b
						Pas de Nom, 68 dk b/
						Sir Ivor, 65 b
		Foreign Courier, 79 b	Courtly Dee, 68 dk b/			
		=Kris (GB), 76 ch	Sharpen Up (GB), 69 ch			
		=Eljazzi, 81 b	Doubly Sure (GB), 71 b			
			Artaius, 74 b			
			=Border Bounty (GB), 65 b			
			Rainbow Quest, 81 b	Blushing Groom (FR), 74 ch		
				I Will Follow, 75 b		
			=River Dancer (IRE), 83 b	Irish River (FR), 76 ch		
				Dancing Shadow (IRE), 77 b		
			Kings Lake, 78 b	Nijinsky II, 67 b		
				*Fish-Bar, 67 b		
			Doff the Derby, 81 b	Master Derby, 72 ch		
				Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.66%	Unique Ancestors: 367/510

Dosage Information	
Dosage Profile: 1 1 4 1 1	
Dosage Index: 1.00	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Dubawi (IRE) -- Moonlight Cloud (GB)

Based on the cross of Dubawi (IRE)/Green Desert and his sons and grandsons

A++

Variant = 7.11

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	7	Weanlings	-	-	-	Starters	3	44	25
Additional Starters on Rated Cross	37	Yearlings	3	\$195,902	\$152,117	Winners	2	26	4
Total Starters	44	2YOs	-	-	-	SW	-	8	1

Sire		Broodmare Sire	
Sire Name	=Dubawi (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.38	Broodmare Sire AEI	0.77
Progeny AWD	8.48 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Monterosso (GB) (\$7,403,790)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	55	28	27	782	7,804
Starters (% Foals of Racing Age)	44 (80%)	25 (89%)	19 (70%)	617 (79%)	4,769 (61%)
Winners (% Starters)	29 (66%)	16 (64%)	13 (68%)	444 (72%)	2,739 (57%)
SW (% Starters)	8 (18%)	4 (16%)	4 (21%)	74 (12%)	186 (4%)
Earnings	\$9,780,695	\$8,699,465	\$1,081,230	\$60,570,548	\$196,421,230
Avg Distance Raced	7.48 f	7.21 f	7.78 f	8.21 f	7.84 f
Avg Winning Distance	7.23 f	7.11 f	7.43 f	8.58 f	7.65 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LUCKY NINE (IRE)	Gelding	2007	Dubawi (IRE)/Green Desert	G1SW
MAKFI (GB)	Horse	2007	Dubawi (IRE)/Green Desert	G1SW
DUBAWI GOLD (GB)	Horse	2008	Dubawi (IRE)/Green Desert	G2SW
AL THAKHIRA (GB)	Filly	2011	Dubawi (IRE)/Green Desert	G2SW
PERFECT TRIBUTE (GB)	Mare	2008	Dubawi (IRE)/Invincible Spirit (IRE)	G3SW
ZUBBAYA (AUS)	Mare	2007	Dubawi (IRE)/Green Desert	SW
FORT KNOX (GB)	Gelding	2010	Dubawi (IRE)/Green Desert	SW
MANGIAPREGAAMA (ITY)	Filly	2010	Dubawi (IRE)/Cape Cross (IRE)	SW
Arsaadi (IRE)	Mare	2009	Dubawi (IRE)/Cape Cross (IRE)	G3SP
Wednaan (GB)	Colt	2011	Dubawi (IRE)/Desert Prince (IRE)	G3SP
Midnight Music (IRE)	Mare	2008	Dubawi (IRE)/Green Desert	SP
Radiator (GB)	Filly	2011	Dubawi (IRE)/Green Desert	SP
Mujaazef (GB)	Gelding	2007	Dubawi (IRE)/Green Desert	Wnr
Clearly Passionate (AUS)	Mare	2007	Dubawi (IRE)/Magic Ring (IRE)	Wnr
Anton En Avant (AUS)	Gelding	2009	Dubawi (IRE)/Desert Prince (IRE)	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Rock of Gibraltar (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Rock of Gibraltar (IRE)/Green Desert and his sons and grandsons

A++
 Variant = 7.04

Hypothetical Foal	Rock of Gibraltar (IRE), 99 b	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br
				Pas de Nom, 68 dk b/	Natalma, 57 b
			Razyana, 81 b	His Majesty, 68 b	Admiral's Voyage, 59 dk b/
				Spring Adieu, 74 b	*Petitioner, 52 b
					*Ribot, 52 b
		=Offshore Boom, 85 ch	Be My Guest, 74 ch	Northern Dancer, 61 b	Natalma, 57 b
				What a Treat, 62 dk b	*Tudor Minstrel, 44 br
			Push a Button (IRE), 80 dk b/	=Bold Lad (IRE), 64 b	Rare Treat, 52 ch
				River Lady, 63 b	Bold Ruler, 54 dk b
					*Barn Pride, 57 ch
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
				Doff the Derby, 81 b	Blushing Groom (FR), 74 ch
					I Will Follow, 75 b
			Irish River (FR), 76 ch		
			Dancing Shadow (IRE), 77 b		
			Nijinsky II, 67 b		
			*Fish-Bar, 67 b		
			Master Derby, 72 ch		
			Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 4.88%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.78%	Unique Ancestors: 347/510

Dosage Information	
Dosage Profile: 2 3 8 1 0	
Dosage Index: 1.80	Center of Distribution: +0.43

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Rock of Gibraltar (IRE) -- Moonlight Cloud (GB)**

Based on the cross of Rock of Gibraltar (IRE)/Green Desert and his sons and grandsons

A++
 Variant = 7.04

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	10	37	18
Additional Starters on Rated Cross	37	Yearlings	1	\$135,320	\$135,320	Winners	3	22	5
Total Starters	38	2YOs	-	-	-	SW	-	5	-

Sire		Broodmare Sire	
Sire Name	Rock of Gibraltar (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.36	Broodmare Sire AEI	0.77
Progeny AWD	8.10 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Eagle Mountain (GB) (\$3,522,735)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	42	22	20	1,821	8,675
Starters (% Foals of Racing Age)	38 (90%)	20 (91%)	18 (90%)	1,410 (77%)	5,225 (60%)
Winners (% Starters)	23 (61%)	15 (75%)	8 (44%)	877 (62%)	2,984 (57%)
SW (% Starters)	5 (13%)	2 (10%)	3 (17%)	90 (6%)	208 (4%)
Earnings	\$2,004,661	\$1,267,591	\$737,070	\$80,130,590	\$221,513,759
Avg Distance Raced	7.07 f	7.22 f	6.77 f	8.23 f	7.85 f
Avg Winning Distance	6.81 f	7.05 f	6.32 f	8.14 f	7.67 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LA ROCKET (AUS)	Gelding	2004	Rock of Gibraltar (IRE)/Desert Sun (GB)	G2SW
BELLE DE CRECY (IRE)	Mare	2009	Rock of Gibraltar (IRE)/Cape Cross (IRE)	G2SW
ENGLISH COLONY (GB)	Ridgling	2004	Rock of Gibraltar (IRE)/Owington (GB)	SW
ROXAN (IRE)	Mare	2004	Rock of Gibraltar (IRE)/Green Desert	SW
SUNSHINE ROCK (AUS)	Mare	2008	Rock of Gibraltar (IRE)/Desert Sun (GB)	SW
Light Lustre (IRE)	Mare	2009	Rock of Gibraltar (IRE)/Desert Prince (IRE)	SP
Algeciras (AUS)	Gelding	2006	Rock of Gibraltar (IRE)/Volksraad (GB)	Wnr
Mango Mojito (AUS)	Mare	2008	Rock of Gibraltar (IRE)/Cape Cross (IRE)	Wnr
Rocker (GB)	Gelding	2004	Rock of Gibraltar (IRE)/Desert Style (IRE)	Wnr
Mr Hong Kong (AUS)	Gelding	2007	Rock of Gibraltar (IRE)/Lacryma Cristi (IRE)	Wnr
Val de Saane (IRE)	Gelding	2010	Rock of Gibraltar (IRE)/Next Desert (IRE)	Wnr
Antikita (AUS)	Mare	2009	Rock of Gibraltar (IRE)/Desert Sun (GB)	Wnr
Sunstrike (NZ)	Mare	2004	Rock of Gibraltar (IRE)/Desert Sun (GB)	Wnr
Secret Rock (ITY)	Mare	2006	Rock of Gibraltar (IRE)/Green Desert	Wnr
Desert Rock (AUS)	Gelding	2009	Rock of Gibraltar (IRE)/Desert Prince (IRE)	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: English Channel -- Moonlight Cloud (GB)
Based on the cross of English Channel/Danzig and his sons and grandsons

A+
Variant = 6.24

Hypothetical Foal	English Channel, 02 ch	Smart Strike, 92 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
				Gold Digger, 62 b	Raise You, 46 ch
			Classy 'n Smart, 81 b	Smarten, 76 dk b/	Nashua, 52 b
				No Class, 74 b	Sequence, 46 dk b
				Theatrical (IRE), 82 dk b/	Cyane, 59 b
		Belva, 98 b	Smartaire, 62 dk b/		
			Nodouble, 65 ch		
		Committed, 80 b	Classy Quillo, 69 dk b/		
			Nureyev, 77 b		Northern Dancer, 61 b
		Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Tree of Knowledge (IRE), 77 b
	Rafha (GB), 87 b				Sassafras (FR), 67 b
				=Spectrum (IRE), 92 b	Sensibility, 71 b
					Ventura (IRE), 98 b
	Wedding Bouquet (IRE), 87 b			Rainbow Quest, 81 b	
			Danzig, 77 b		Minstinguette, 75 b
				Foreign Courier, 79 b	Royal Warrant, 55 b
					=Kris (GB), 76 ch
			=Eljazzi, 81 b	Pas de Nom, 68 dk b/	
	=Border Bounty (GB), 65 b			Sir Ivor, 65 b	
		Blushing Groom (FR), 74 ch	Courtly Dee, 68 dk b/		
I Will Follow, 75 b	Sharpen Up (GB), 69 ch				
	Irish River (FR), 76 ch	Doubly Sure (GB), 71 b			
Dancing Shadow (IRE), 77 b		Artaius, 74 b			
	Nijinsky II, 67 b	*Fish-Bar, 67 b			
Master Derby, 72 ch		Kings Lake, 78 b			
	Margarethen, 62 dk b	Doff the Derby, 81 b			

Pedigree Statistics

Coefficient of Relatedness: 0.59%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.39%	Unique Ancestors: 401/510

Dosage Information

Dosage Profile: 4 5 10 1 0	
Dosage Index: 2.33	Center of Distribution: +0.60

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: English Channel -- Moonlight Cloud (GB)
Based on the cross of English Channel/Danzig and his sons and grandsons

A+
Variant = 6.24

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	9	13	5
Additional Starters on Rated Cross	14	Yearlings	-	-	-	Winners	3	3	2
Total Starters	14	2YOs	-	-	-	SW	1	-	1

Sire		Broodmare Sire	
Sire Name	English Channel	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.76	Broodmare Sire AEI	0.77
Progeny AWD	7.91 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Optimizer (\$974,289)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	29	15	14	292	19,164
Starters (% Foals of Racing Age)	14 (48%)	9 (60%)	5 (36%)	200 (68%)	13,214 (69%)
Winners (% Starters)	7 (50%)	5 (56%)	2 (40%)	124 (62%)	8,642 (65%)
SW (% Starters)	2 (14%)	2 (22%)	-	15 (8%)	723 (5%)
Earnings	\$1,339,548	\$1,052,880	\$286,668	\$13,233,189	\$878,481,249
Avg Distance Raced	7.57 f	7.54 f	7.62 f	7.80 f	7.46 f
Avg Winning Distance	7.47 f	7.37 f	7.80 f	7.95 f	7.35 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
STRAIT OF DOVER	Horse	2009	English Channel/Danzig	SW
HON. DE LEON	Horse	2009	English Channel/Langfuhr	SW
Chunnel	Colt	2011	English Channel/Langfuhr	SP
Corporate Culture	Filly	2010	English Channel/Belong to Me	Wnr
Aqua Revelation	Horse	2009	English Channel/Perugino	Wnr
Grace for Grace	Mare	2009	English Channel/Lil's Lad	Wnr
Putalilenglishonit	Gelding	2009	English Channel/Danzig	Wnr
Bristol Blitz	Gelding	2011	English Channel/Danzig	PI
English Miss	Mare	2009	English Channel/Danehill	PI
Normandy Crossing	Colt	2011	English Channel/Langfuhr	PI
Lady Jacqueline L	Filly	2010	English Channel/Ascot Knight	Rnr
Lady Brighton	Filly	2011	English Channel/War Chant	Rnr
Eloquent Deeds	Gelding	2011	English Channel/Pine Bluff	Rnr
Irish Strait	Colt	2012	English Channel/Polish Numbers	Rnr
Ascot Hailey	Mare	2009	English Channel/Ascot Knight	Unr

Pedigree and racing information provided by:





HYPOTHETICAL: Proud Citizen -- Moonlight Cloud (GB)
 Based on the cross of Proud Citizen/Danzig and his sons and grandsons

A+
Variant = 5.93

Hypothetical Foal	Proud Citizen, 99 b	Gone West, 84 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr	
				Gold Digger, 62 b	Raise You, 46 ch	
				Secretariat, 70 ch	Nashua, 52 b	
			Secrettame, 78 ch	Tamerett, 62 dk b/	Sequence, 46 dk b	
				Green Forest, 79 ch	Shecky Greene, 70 b	Bold Ruler, 54 dk b
					Tell Meno Lies, 71 gr	Somethingroyal, 52 b
		Drums Of Freedom, 90 b	Danseuse Etoile, 74 b	Buckpasser, 63 b	Tim Tam, 55 dk b	
				Arctic Dancer, 63 b	*Mixed Marriage, 52 b	
				Green Desert, 83 b	Danzig, 77 b	*Noholme II, 56 ch
			Foreign Courier, 79 b		Lester's Pride, 57 b	
			Rafha (GB), 87 b		=Kris (GB), 76 ch	The Axe II, 58 gr
				=Eljazzi, 81 b	Filatonga, 60 b	
	Ventura (IRE), 98 b	=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	Tom Fool, 49 b	
			=River Dancer (IRE), 83 b	Busanda, 47 blk		
			Kings Lake, 78 b	Nearctic, 54 br		
		Wedding Bouquet (IRE), 87 b	Doff the Derby, 81 b	Natalma, 57 b		
			=Invincible Spirit (IRE), 97 b	Danzig, 77 b	Northern Dancer, 61 b	
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Rafha (GB), 87 b	Sir Ivor, 65 b	Courtly Dee, 68 dk b/	
				Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Sharpen Up (GB), 69 ch
					Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
			=River Dancer (IRE), 83 b		Artaius, 74 b	
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Doff the Derby, 81 b	=Border Bounty (GB), 65 b
					Doff the Derby, 81 b	Blushing Groom (FR), 74 ch
Dancing Shadow (IRE), 77 b		Irish River (FR), 76 ch				Nijinsky II, 67 b
		Dancing Shadow (IRE), 77 b		Dancing Shadow (IRE), 77 b		*Fish-Bar, 67 b
Dancing Shadow (IRE), 77 b				Dancing Shadow (IRE), 77 b	Master Derby, 72 ch	Margarethen, 62 dk b

Pedigree Statistics	
Coefficient of Relatedness: 0.39%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.71%	Unique Ancestors: 373/510

Dosage Information	
Dosage Profile: 4 6 11 1 0	
Dosage Index: 2.38	Center of Distribution: +0.59

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Proud Citizen -- Moonlight Cloud (GB)
Based on the cross of Proud Citizen/Danzig and his sons and grandsons

A+
Variant = 5.93

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	60	Weanlings	-	-	-	Starters	49	44	31
Total Starters	60	Yearlings	-	-	-	Winners	30	9	10
		2YOs	-	-	-	SW	4	1	2

Sire		Broodmare Sire	
Sire Name	Proud Citizen	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.39	Broodmare Sire AEI	0.77
Progeny AWD	6.79 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Proud Spell (\$2,131,610)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	85	44	41	563	34,192
Starters (% Foals of Racing Age)	60 (71%)	32 (73%)	28 (68%)	474 (84%)	23,190 (68%)
Winners (% Starters)	40 (67%)	23 (72%)	17 (61%)	371 (78%)	14,961 (65%)
SW (% Starters)	7 (12%)	3 (9%)	4 (14%)	25 (5%)	1,125 (5%)
Earnings	\$5,048,404	\$1,767,477	\$3,280,927	\$26,273,009	\$1,351,555,925
Avg Distance Raced	6.77 f	6.85 f	6.67 f	6.81 f	7.52 f
Avg Winning Distance	6.81 f	6.71 f	6.93 f	6.80 f	7.37 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
PROUD SPELL	Mare	2005	Proud Citizen/Langfuhr	G1SW
OH CANADA	Gelding	2008	Proud Citizen/Ascot Knight	SW
PROUD JEFE	Gelding	2006	Proud Citizen/Polish Numbers	SW
JULMAE	Filly	2010	Proud Citizen/Langfuhr	SW
STYLISH CITIZEN	Gelding	2006	Proud Citizen/Dayjur	SW
IZE IN TROUBLE	Mare	2009	Proud Citizen/Danzig	SW
BATTLEFIELD ANGEL	Filly	2011	Proud Citizen/Langfuhr	SW
Go Bro	Colt	2011	Proud Citizen/Langfuhr	G2SP
Cousin Stephen	Colt	2011	Proud Citizen/Belong to Me	G3SP
Proud Pearl	Mare	2009	Proud Citizen/Langfuhr	G3SP
Same Cross	Mare	2009	Proud Citizen/Langfuhr	SP
Bellegfire	Horse	2009	Proud Citizen/Langfuhr	SP
U S Citizen	Gelding	2009	Proud Citizen/Magic Ring (IRE)	Wnr
Jucutuquara	Mare	2006	Proud Citizen/Boundary	Wnr
Citizen Chris	Colt	2010	Proud Citizen/Polish Numbers	Wnr

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: Stormy Atlantic -- Moonlight Cloud (GB)
 Based on the cross of Stormy Atlantic/Danzig and his sons and grandsons

A+
Variant = 5.70

Hypothetical Foal	Stormy Atlantic, 94 dk b/	Storm Cat, 83 dk b/	Storm Bird, 78 b	Northern Dancer, 61 b	Nearctic, 54 br
				South Ocean, 67 b	Natalma, 57 b
			Secretariat, 70 ch	New Providence, 56 b	
			Crimson Saint, 69 ch	Shining Sun, 62 b	
				Bold Ruler, 54 dk b	
		Hail Atlantis, 87 b	Seattle Slew, 74 dk b/	Terlingua, 76 ch	Somethingroyal, 52 b
					Crimson Satan, 59 ch
			Flippers, 81 ch	Bold Reasoning, 68 dk b/	Bolero Rose, 58 ch
				My Charmer, 69 b	Boldnesian, 63 b
				Coastal, 76 ch	Reason to Earn, 63 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Poker, 63 b
				Foreign Courier, 79 b	Fair Charmer, 59 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Majestic Prince, 66 ch
				=Eljazzi, 81 b	Alluvial, 69 ch
					Nantallah, 53 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	*Rough Shod II, 44 b
				=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Pas de Nom, 68 dk b/
				Doff the Derby, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/

Pedigree Statistics	
Coefficient of Relatedness: 1.27%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.80%	Unique Ancestors: 386/510

Dosage Information	
Dosage Profile: 3 2 6 1 0	
Dosage Index: 2.00	Center of Distribution: +0.58

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: Stormy Atlantic -- Moonlight Cloud (GB)
Based on the cross of Stormy Atlantic/Danzig and his sons and grandsons

A+
Variant = 5.70

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	22	Weanlings	-	-	-	Starters	19	11	11
Total Starters	22	Yearlings	-	-	-	Winners	12	4	2
		2YOs	-	-	-	SW	2	2	-

Sire		Broodmare Sire	
Sire Name	Stormy Atlantic	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.53	Broodmare Sire AEI	0.77
Progeny AWD	6.59 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Get Stormy (\$1,606,812)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	33	18	15	1,371	17,835
Starters (% Foals of Racing Age)	22 (67%)	14 (78%)	8 (53%)	1,025 (75%)	11,640 (65%)
Winners (% Starters)	13 (59%)	9 (64%)	4 (50%)	737 (72%)	7,401 (64%)
SW (% Starters)	3 (14%)	3 (21%)	-	86 (8%)	564 (5%)
Earnings	\$1,343,208	\$1,168,868	\$174,340	\$70,661,299	\$688,799,610
Avg Distance Raced	6.29 f	6.23 f	6.39 f	6.65 f	7.47 f
Avg Winning Distance	6.00 f	5.97 f	6.09 f	6.61 f	7.31 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CONQUEST TYPHOON	Colt	2012	Stormy Atlantic/Ascot Knight	G2SW
AWAKINO CAT	Gelding	2005	Stormy Atlantic/Ski Chief	SW
DAKOTA DUKE	Gelding	2002	Stormy Atlantic/Dayjur	SW
Press the Limit	Gelding	2006	Stormy Atlantic/Dayjur	Wnr
Glamour Galore	Mare	2009	Stormy Atlantic/Pine Bluff	Wnr
Storm Fox	Mare	2003	Stormy Atlantic/Foxhound	Wnr
Sea Speaker	Gelding	2005	Stormy Atlantic/Danzig	Wnr
Sorocaba	Mare	2007	Stormy Atlantic/Foxhound	Wnr
Queen of Honey	Mare	2003	Stormy Atlantic/Foxhound	Wnr
Iggv	Horse	2008	Stormy Atlantic/Danzig	Wnr
Atlantic Squall	Horse	2001	Stormy Atlantic/Dayjur	Wnr
Stormy Nites	Gelding	2004	Stormy Atlantic/Lost Soldier	Wnr
Fly the Atlantic	Gelding	2007	Stormy Atlantic/Polish Navy	Wnr
Super Helene	Filly	2010	Stormy Atlantic/Anabaa	PI
Na'lu	Gelding	2004	Stormy Atlantic/Ascot Knight	PI

Pedigree and racing information provided by:



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HYPOTHETICAL: \$Dansili (GB) -- Moonlight Cloud (GB)
 Based on the cross of Dansili (GB)/Danzig and his sons and grandsons

A+
 Variant = 5.59

Hypothetical Foal	\$Dansili (GB), 96 dk b/	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br
				Pas de Nom, 68 dk b/	Natalma, 57 b
				His Majesty, 68 b	Admiral's Voyage, 59 dk b/
			Razyana, 81 b	*Petitioner, 52 b	
				*Ribot, 52 b	
				Flower Bowl, 52 b	
		Hasili (IRE), 91 b	=Kahyasi (IRE), 85 b	Spring Adieu, 74 b	Buckpasser, 63 b
				Ile de Bourbon, 75 b	Natalma, 57 b
				Kadissya, 79 b	Nijinsky II, 67 b
			=Kerali (GB), 84 ch	*Roseliere, 65 dk b/	
				=High Line (GB), 66 ch	Blushing Groom (FR), 74 ch
				Sookera, 75 dk b/	Kalkeen (IRE), 74 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
				Sir Ivor, 65 b	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Courtly Dee, 68 dk b/
				=Eljazzi, 81 b	Sharpen Up (GB), 69 ch
				Doubly Sure (GB), 71 b	
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Artaius, 74 b
				Blushing Groom (FR), 74 ch	=Border Bounty (GB), 65 b
				I Will Follow, 75 b	
			Wedding Bouquet (IRE), 87 b	=River Dancer (IRE), 83 b	Irish River (FR), 76 ch
				Kings Lake, 78 b	Dancing Shadow (IRE), 77 b
				Doff the Derby, 81 b	Nijinsky II, 67 b
			*Fish-Bar, 67 b		
			Master Derby, 72 ch		
			Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 4.69%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.36%	Unique Ancestors: 355/510

Dosage Information	
Dosage Profile: 1 3 7 1 0	
Dosage Index: 1.67	Center of Distribution: +0.33

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: \$Dansili (GB) -- Moonlight Cloud (GB)
Based on the cross of Dansili (GB)/Danzig and his sons and grandsons

A+
Variant = 5.59

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	2	13	6
Additional Starters on Rated Cross	12	Yearlings	-	-	-	Winners	1	8	3
Total Starters	13	2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	\$Dansili (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.14	Broodmare Sire AEI	0.77
Progeny AWD	9.66 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	The Fugue (GB) (\$3,125,860)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	16	11	5	1,082	9,945
Starters (% Foals of Racing Age)	13 (81%)	9 (82%)	4 (80%)	827 (76%)	6,239 (63%)
Winners (% Starters)	11 (85%)	8 (89%)	3 (75%)	590 (71%)	3,496 (56%)
SW (% Starters)	2 (15%)	-	2 (50%)	93 (11%)	257 (4%)
Earnings	\$3,389,796	\$562,785	\$2,827,011	\$62,450,757	\$278,217,953
Avg Distance Raced	9.07 f	9.12 f	8.92 f	9.70 f	8.56 f
Avg Winning Distance	8.93 f	9.06 f	8.76 f	9.68 f	8.34 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
GIOFRA (GB)	Mare	2008	Dansili (GB)/Orpen	G1SW
LAUGHING (IRE)	Mare	2008	Dansili (GB)/Be My Chief	G1SW
Albaasil (IRE)	Horse	2008	Dansili (GB)/Key of Luck	G2SP
Relco Italy (IRE)	Gelding	2006	Dansili (GB)/Grand Lodge	SP
Stencive (GB)	Horse	2009	Dansili (GB)/Grand Lodge	Wnr
Farzad (FR)	Gelding	2010	Dansili (GB)/Grand Lodge	Wnr
Guyapi (GB)	Gelding	2009	Dansili (GB)/Orpen	Wnr
Gritstone (GB)	Gelding	2007	Dansili (GB)/Cape Cross (IRE)	Wnr
Key Signature (GB)	Mare	2006	Dansili (GB)/Key of Luck	Wnr
Comedy King (IRE)	Colt	2011	Dansili (GB)/Be My Chief	Wnr
Madrikenios (GB)	Horse	2004	Dansili (GB)/Roi Danzig	Wnr
Tout Venant (GB)	Gelding	2006	Dansili (GB)/Grand Lodge	PI
Sharwakom (IRE)	Mare	2008	Dansili (GB)/Grand Lodge	PI
Glowing Report (IRE)	Gelding	2011	Dansili (GB)/Invincible Spirit (IRE)	Rnr
Unnamed	Horse	2008	Dansili (GB)/Polish Precedent	Unr

Pedigree and racing information provided by:



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HYPOTHETICAL: Soldier Hollow (GB) -- Moonlight Cloud (GB)
 Based on the cross of In the Wings (GB) and his sons/Green Desert and his sons and grandsons

A+
 Variant = 5.45

Hypothetical Foal	Soldier Hollow (GB), 00 b	\$In the Wings (GB), 86 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			High Hawk (IRE), 80 b	=Shirley Heights (GB), 75 b	Bold Reason, 68 b
				=Sunbittern (GB), 70 gr	Special, 69 b
				=Common Grounds (GB), 85 b	=Sea Hawk II (FR), 63 gr
		=Kris (GB), 76 ch	=Hardiemma, 69 b		
		=Island Race (GB), 95 b	Sweetly (FR), 75 b	=Pantoufle (GB), 64 b	
			=Lake Isle (IRE), 89 br	Sharpen Up (GB), 69 ch	
				Doubly Sure (GB), 71 b	
			Green Desert, 83 b	Caerleon, 80 b	Lyphard, 69 b
	Inisfree, 81 dk b/			=Sweet and Lovely (FR), 63 b	
		Rafha (GB), 87 b		Nijinsky II, 67 b	
	Moonlight Cloud (GB), 08 b		=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b
		Foreign Courier, 79 b			Pas de Nom, 68 dk b/
		=Spectrum (IRE), 92 b		=Kris (GB), 76 ch	Sir Ivor, 65 b
					=Eljazzi, 81 b
				Ventura (IRE), 98 b	Rainbow Quest, 81 b
		=River Dancer (IRE), 83 b	Doubly Sure (GB), 71 b		
			Kings Lake, 78 b		Artaius, 74 b
					Wedding Bouquet (IRE), 87 b
Doff the Derby, 81 b		Blushing Groom (FR), 74 ch			
		I Will Follow, 75 b	Irish River (FR), 76 ch		
	Dancing Shadow (IRE), 77 b		Nijinsky II, 67 b		
Margarethen, 62 dk b	*Fish-Bar, 67 b				
	Master Derby, 72 ch				

Pedigree Statistics	
Coefficient of Relatedness: 3.91%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.88%	Unique Ancestors: 342/510

Dosage Information	
Dosage Profile: 1 1 10 7 1	
Dosage Index: 0.54	Center of Distribution: -0.30

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Soldier Hollow (GB) -- Moonlight Cloud (GB)**

Based on the cross of In the Wings (GB) and his sons/Green Desert and his sons and grandsons

A+
 Variant = 5.45

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	25	Weanlings	-	-	-	Starters	7	23	16
Total Starters	25	Yearlings	-	-	-	Winners	5	7	4
		2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	Soldier Hollow (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.94	Broodmare Sire AEI	0.77
Progeny AWD	9.38 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Pastorius (GER) (\$987,588)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	43	22	21	4,939	7,507
Starters (% Foals of Racing Age)	25 (58%)	11 (50%)	14 (67%)	2,903 (59%)	4,633 (62%)
Winners (% Starters)	13 (52%)	7 (64%)	6 (43%)	1,778 (61%)	2,646 (57%)
SW (% Starters)	3 (12%)	2 (18%)	1 (7%)	201 (7%)	177 (4%)
Earnings	\$998,368	\$703,322	\$295,046	\$159,726,395	\$193,266,504
Avg Distance Raced	8.80 f	9.34 f	8.24 f	10.81 f	7.91 f
Avg Winning Distance	7.71 f	7.86 f	7.47 f	10.87 f	7.68 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
TAKE COVER (GB)	Gelding	2007	Singspiel (IRE)/Magic Ring (IRE)	G2SW
HEARTHSTEAD WINGS (GB)	Gelding	2002	In the Wings (GB)/Green Desert	SW
MUKLAH (IRE)	Mare	1999	Singspiel (IRE)/Green Desert	SW
So Belle (GB)	Mare	2008	Singspiel (IRE)/Green Desert	G2SP
Totally Ours (GB)	Mare	2007	Singspiel (IRE)/Desert Sun (GB)	SP
Chorus Master (GB)	Horse	2003	Singspiel (IRE)/Green Desert	Wnr
Tesslam (GB)	Gelding	2007	Singspiel (IRE)/Green Desert	Wnr
Dustoori (GB)	Horse	2004	In the Wings (GB)/Green Desert	Wnr
Queen Of Haruka (JPN)	Mare	2006	Singspiel (IRE)/Green Desert	Wnr
Shaheen Shah (GER)	Colt	2011	Soldier Hollow (GB)/Desert Story (IRE)	Wnr
Sit Tight (GB)	Gelding	2008	Act One (GB)/Green Desert	Wnr
Actonetaketwo (GB)	Filly	2010	Act One (GB)/Magic Ring (IRE)	Wnr
Welsh Anthem (GB)	Mare	2006	Singspiel (IRE)/Green Desert	Wnr
City of Cities (IRE)	Mare	2004	In the Wings (GB)/Green Desert	PI
Miss Outstanding (AUS)	Mare	2007	Singspiel (IRE)/Green Desert	PI

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HYPOTHETICAL: So You Think (NZ) -- Moonlight Cloud (GB)
Based on the cross of High Chaparral (IRE) and his sons/Green Desert and his sons and grandsons

A+
Variant = 5.39

Hypothetical Foal	So You Think (NZ), 06 dk b/	High Chaparral (IRE), 99 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			=Darshaan (GB), 81 br	Bold Reason, 68 b	
			=Kasora (IRE), 93 b	Special, 69 b	
			Kozana (GB), 82 dk b/	=Shirley Heights (GB), 75 b	
		=Triassic (NZ), 90 b	Tights, 81 b	Nijinsky II, 67 b	=Delsy (FR), 72 b
				Dancealot, 71 b	=Kris (GB), 76 ch
			=Astral Row (NZ), 79 b	=Long Row (GB), 70 br	=Koblenza (FR), 66 b
				=Pak Bun Bay (AUS), 70 br	Northern Dancer, 61 b
					Flaming Page, 59 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Round Table, 54 b
				Foreign Courier, 79 b	Music Please, 63 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	=Linacre (GB), 60 br
				=Eljazzi, 81 b	=Front Row (IRE), 65 b
					=Matinee Idol (AUS), 56 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	=Phillipolo (NZ), 60 b
				=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Pas de Nom, 68 dk b/
				Doff the Derby, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/

Pedigree Statistics	
Coefficient of Relatedness: 3.32%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.60%	Unique Ancestors: 376/510

Dosage Information	
Dosage Profile: 1 1 6 4 0	
Dosage Index: 0.71	Center of Distribution: -0.08

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: So You Think (NZ) -- Moonlight Cloud (GB)**

Based on the cross of High Chaparral (IRE) and his sons/Green Desert and his sons and grandsons

A+

Variant = 5.39

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	35	Weanlings	-	-	-	Starters	2	35	13
Total Starters	35	Yearlings	-	-	-	Winners	-	15	6
		2YOs	-	-	-	SW	-	3	1

Sire		Broodmare Sire	
Sire Name	So You Think (NZ)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	68	29	39	1,634	7,807
Starters (% Foals of Racing Age)	35 (51%)	17 (59%)	18 (46%)	914 (56%)	4,717 (60%)
Winners (% Starters)	18 (51%)	9 (53%)	9 (50%)	513 (56%)	2,670 (57%)
SW (% Starters)	4 (11%)	2 (12%)	2 (11%)	56 (6%)	189 (4%)
Earnings	\$2,672,220	\$1,947,602	\$724,618	\$58,911,050	\$200,416,385
Avg Distance Raced	9.42 f	9.90 f	8.93 f	10.25 f	7.91 f
Avg Winning Distance	9.44 f	9.79 f	8.92 f	9.90 f	7.74 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
WROTE (IRE)	Horse	2009	High Chaparral (IRE)/Green Desert	G1SW
WESTERN HYMN (GB)	Colt	2011	High Chaparral (IRE)/Cape Cross (IRE)	G2SW
THE MINIVER ROSE (IRE)	Mare	2006	High Chaparral (IRE)/Cape Cross (IRE)	G2SW
TEMPEST FUGIT (IRE)	Mare	2009	High Chaparral (IRE)/Green Desert	SW
Lady Darshaan (IRE)	Mare	2007	High Chaparral (IRE)/Green Desert	G1SP
Johann Strauss (GB)	Colt	2011	High Chaparral (IRE)/Cape Cross (IRE)	G1SP
Gypsy Highway (IRE)	Mare	2008	High Chaparral (IRE)/Green Desert	G3SP
Delhi (GB)	Filly	2011	High Chaparral (IRE)/Oasis Dream (GB)	SP
Enabling (IRE)	Gelding	2008	High Chaparral (IRE)/Green Desert	Wnr
Photon Willie (NZ)	Gelding	2009	High Chaparral (IRE)/Volksraad (GB)	Wnr
Whatever It Takes (IRE)	Gelding	2008	High Chaparral (IRE)/Desert Prince (IRE)	Wnr
High Harmony (GB)	Mare	2007	High Chaparral (IRE)/Green Desert	Wnr
Alex Vino (IRE)	Colt	2011	High Chaparral (IRE)/Oasis Dream (GB)	Wnr
Matagouri (NZ)	Filly	2010	High Chaparral (IRE)/Volksraad (GB)	Wnr
Beajoy (IRE)	Filly	2011	High Chaparral (IRE)/Green Desert	Wnr

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HYPOTHETICAL: High Chaparral (IRE) -- Moonlight Cloud (GB)
 Based on the cross of High Chaparral (IRE)/Green Desert and his sons and grandsons

A+
 Variant = 5.38

Hypothetical Foal	High Chaparral (IRE), 99 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br	=Nearco (ITY), 35 br	
				Natalma, 57 b	*Lady Angela, 44 ch	
			Fairy Bridge, 75 b	Bold Reason, 68 b	Native Dancer, 50 gr	
				Special, 69 b	Almahmoud, 47 ch	
			=Kasora (IRE), 93 b	=Darshaan (GB), 81 br	Hail to Reason, 58 br	
					=Shirley Heights (GB), 75 b	Lalun, 52 b
		=Delsy (FR), 72 b		*Forli, 63 ch		
		Kozana (GB), 82 dk b/		=Kris (GB), 76 ch	Thong, 64 b	
				=Koblenza (FR), 66 b	Mill Reef, 68 b	
		Moonlight Cloud (GB), 08 b		=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	=Hardiemma, 69 b
			Danzig, 77 b			=Abdos (FR), 59 br
			Rafha (GB), 87 b		=Kris (GB), 76 ch	=Kelty, 65 b
	=Eljazzi, 81 b				Sharpen Up (GB), 69 ch	
	Ventura (IRE), 98 b		=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
					=River Dancer (IRE), 83 b	=Hugh Lupus (FR), 52 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Kalimara (FR), 60 b	
				Doff the Derby, 81 b	Northern Dancer, 61 b	
					Pas de Nom, 68 dk b/	
					Sir Ivor, 65 b	
				Courtly Dee, 68 dk b/		
				Sharpen Up (GB), 69 ch		
			Doubly Sure (GB), 71 b			
			Artaius, 74 b			
			=Border Bounty (GB), 65 b			
		Blushing Groom (FR), 74 ch				
		I Will Follow, 75 b				
		Irish River (FR), 76 ch				
		Dancing Shadow (IRE), 77 b				
		Nijinsky II, 67 b				
		*Fish-Bar, 67 b				
		Master Derby, 72 ch				
		Margarethen, 62 dk b				

Pedigree Statistics	
Coefficient of Relatedness: 4.00%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.05%	Unique Ancestors: 379/510

Dosage Information	
Dosage Profile: 2 1 9 5 1	
Dosage Index: 0.71	Center of Distribution: -0.11

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: High Chaparral (IRE) -- Moonlight Cloud (GB)**

Based on the cross of High Chaparral (IRE)/Green Desert and his sons and grandsons

A+

Variant = 5.38

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	1	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	34	Weanlings	-	-	-	Starters	2	35	13
Total Starters	35	Yearlings	2	\$61,229	\$61,229	Winners	-	15	6
		2YOs	-	-	-	SW	-	3	1

Sire		Broodmare Sire	
Sire Name	High Chaparral (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.25	Broodmare Sire AEI	0.77
Progeny AWD	9.88 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	So You Think (NZ) (\$8,696,325)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	66	28	38	1,571	7,029
Starters (% Foals of Racing Age)	35 (53%)	17 (61%)	18 (47%)	912 (58%)	4,278 (61%)
Winners (% Starters)	18 (51%)	9 (53%)	9 (50%)	513 (56%)	2,415 (56%)
SW (% Starters)	4 (11%)	2 (12%)	2 (11%)	56 (6%)	177 (4%)
Earnings	\$2,672,220	\$1,947,602	\$724,618	\$58,910,992	\$174,174,025
Avg Distance Raced	9.42 f	9.90 f	8.93 f	10.25 f	7.98 f
Avg Winning Distance	9.44 f	9.79 f	8.92 f	9.90 f	7.80 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
WROTE (IRE)	Horse	2009	High Chaparral (IRE)/Green Desert	G1SW
WESTERN HYMN (GB)	Colt	2011	High Chaparral (IRE)/Cape Cross (IRE)	G2SW
THE MINIVER ROSE (IRE)	Mare	2006	High Chaparral (IRE)/Cape Cross (IRE)	G2SW
TEMPEST FUGIT (IRE)	Mare	2009	High Chaparral (IRE)/Green Desert	SW
Lady Darshaan (IRE)	Mare	2007	High Chaparral (IRE)/Green Desert	G1SP
Johann Strauss (GB)	Colt	2011	High Chaparral (IRE)/Cape Cross (IRE)	G1SP
Gypsy Highway (IRE)	Mare	2008	High Chaparral (IRE)/Green Desert	G3SP
Delhi (GB)	Filly	2011	High Chaparral (IRE)/Oasis Dream (GB)	SP
Enabling (IRE)	Gelding	2008	High Chaparral (IRE)/Green Desert	Wnr
Photon Willie (NZ)	Gelding	2009	High Chaparral (IRE)/Volksraad (GB)	Wnr
Whatever It Takes (IRE)	Gelding	2008	High Chaparral (IRE)/Desert Prince (IRE)	Wnr
High Harmony (GB)	Mare	2007	High Chaparral (IRE)/Green Desert	Wnr
Alex Vino (IRE)	Colt	2011	High Chaparral (IRE)/Oasis Dream (GB)	Wnr
Matagouri (NZ)	Filly	2010	High Chaparral (IRE)/Volksraad (GB)	Wnr
Beajoy (IRE)	Filly	2011	High Chaparral (IRE)/Green Desert	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Distorted Humor -- Moonlight Cloud (GB)
 Based on the cross of Forty Niner and his sons/Green Desert and his sons and grandsons

A+
 Variant = 5.33

Hypothetical Foal	Distorted Humor, 93 ch	Forty Niner, 85 ch	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
				Gold Digger, 62 b	Raise You, 46 ch
			File, 76 ch	Tom Rolfe, 62 b	Nashua, 52 b
				Continue, 58 dk b/	Sequence, 46 dk b
					*Ribot, 52 b
		Danzig's Beauty, 87 b	Danzig, 77 b	Northern Dancer, 61 b	Pocahontas, 55 br
				Pas de Nom, 68 dk b/	Double Jay, 44 dk br
			Sweetest Chant, 78 b	Mr. Leader, 66 b	Courtesy, 52 b
				Gay Sonnet, 69 dk b/	Nearctic, 54 br
					Natalma, 57 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Admiral's Voyage, 59 dk b/
				Foreign Courier, 79 b	*Petitioner, 52 b
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Hail to Reason, 58 br
				=Eljazzi, 81 b	Jolie Deja, 54 b
					Sailor, 52 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Gay Rig, 56 br
				=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Pas de Nom, 68 dk b/
				Doff the Derby, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/

Pedigree Statistics	
Coefficient of Relatedness: 3.52%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.01%	Unique Ancestors: 374/510

Dosage Information	
Dosage Profile: 5 3 8 1 1	
Dosage Index: 2.00	Center of Distribution: +0.56

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Distorted Humor -- Moonlight Cloud (GB)**

Based on the cross of Forty Niner and his sons/Green Desert and his sons and grandsons

A+
 Variant = 5.33

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	20	Weanlings	-	-	-	Starters	15	11	3
Total Starters	20	Yearlings	-	-	-	Winners	9	2	2
		2YOs	-	-	-	SW	2	-	-

Sire		Broodmare Sire	
Sire Name	Distorted Humor	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.15	Broodmare Sire AEI	0.77
Progeny AWD	7.13 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Drosselmeyer (\$3,728,170)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	27	14	13	19,230	4,286
Starters (% Foals of Racing Age)	20 (74%)	12 (86%)	8 (62%)	14,416 (75%)	2,872 (67%)
Winners (% Starters)	10 (50%)	7 (58%)	3 (38%)	10,308 (72%)	1,732 (60%)
SW (% Starters)	2 (10%)	2 (17%)	-	717 (5%)	143 (5%)
Earnings	\$701,276	\$460,461	\$240,815	\$871,241,804	\$135,851,202
Avg Distance Raced	6.92 f	6.94 f	6.88 f	6.73 f	8.15 f
Avg Winning Distance	6.58 f	6.41 f	7.82 f	6.67 f	7.84 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
QUICK WITTED	Gelding	2003	Distorted Humor/Sheikh Albadou (GB)	SW
COUNTERFEIT GOLD	Gelding	2003	Twining/Sheikh Albadou (GB)	SW
Jemima's Pearl	Mare	2009	Distorted Humor/Owington (GB)	G2SP
Jarah	Horse	1993	Forty Niner/Green Desert	SP
Western Pine	Gelding	2005	West Acre/Sheikh Albadou (GB)	Wnr
Erimo Lilliput (JPN)	Mare	2005	Twining/Green Desert	Wnr
Muntasir (IRE)	Gelding	2009	Distorted Humor/Green Desert	Wnr
Symboli Wagner (JPN)	Gelding	2004	Forty Niner/Green Desert	Wnr
Shut Up and Run	Gelding	1998	Ide/Sheikh Albadou (GB)	Wnr
Green Ice (PER)	Mare	1998	Apprentice/Green Desert	Wnr
Wantagh Won	Gelding	2002	Gold Fever/Green Desert	PI
Yukon Hope	Mare	1993	Forty Niner/Green Desert	PI
Nepotism (AUS)	Gelding	2007	Esperero/Lacryma Cristi (IRE)	PI
Fujino Yozakura (JPN)	Mare	2002	Forty Niner/Green Desert	PI
Barbara's Jade	Mare	2001	Jules/Sheikh Albadou (GB)	Rnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Medaglia d'Oro -- Moonlight Cloud (GB)
Based on the cross of Medaglia d'Oro/Danzig and his sons and grandsons

A+
Variant = 5.01

Hypothetical Foal	Medaglia d'Oro, 99 dk b/	El Prado (IRE), 89 gr	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			Sir Ivor, 65 b	Bold Reason, 68 b	
			Cap and Bells, 58 gr	Special, 69 b	
			Lady Capulet, 74 ro	Sir Gaylord, 59 dk b	
		Cappucino Bay, 89 b	Bailjumper, 74 b	Damascus, 64 b	Attica, 53 ch
				Court Circuit, 64 b	Tom Fool, 49 b
			Dubbed In, 73 ch	Sword Dancer, 56 ch	Khazni, 42 gr
				Kerala, 58 b	*Royal Vale, 48 br
				Cycle, 58 dk b	Prince John, 53 ch
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Prayer Bell, 54 b
				Foreign Courier, 79 b	Restless Wind, 56 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Social Position, 64 ch
				=Eljazzi, 81 b	Sharpener Up (GB), 69 ch
				Doubly Sure (GB), 71 b	
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Artaius, 74 b
				=River Dancer (IRE), 83 b	=Border Bounty (GB), 65 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Blushing Groom (FR), 74 ch
				Doff the Derby, 81 b	I Will Follow, 75 b
				Master Derby, 72 ch	
			Nijinsky II, 67 b		
			*Fish-Bar, 67 b		
			Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 1.95%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.69%	Unique Ancestors: 383/510

Dosage Information	
Dosage Profile: 5 7 7 3 0	
Dosage Index: 2.38	Center of Distribution: +0.64

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Medaglia d'Oro -- Moonlight Cloud (GB)
Based on the cross of Medaglia d'Oro/Danzig and his sons and grandsons

A+
Variant = 5.01

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	29	Weanlings	-	-	-	Starters	17	21	10
Total Starters	29	Yearlings	-	-	-	Winners	8	10	2
		2YOs	-	-	-	SW	-	4	-

Sire		Broodmare Sire	
Sire Name	Medaglia d'Oro	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.03	Broodmare Sire AEI	0.77
Progeny AWD	7.51 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Rachel Alexandra (\$3,506,730)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	63	32	31	947	39,317
Starters (% Foals of Racing Age)	29 (46%)	15 (47%)	14 (45%)	584 (62%)	24,783 (63%)
Winners (% Starters)	16 (55%)	9 (60%)	7 (50%)	364 (62%)	15,298 (62%)
SW (% Starters)	4 (14%)	3 (20%)	1 (7%)	56 (10%)	1,139 (5%)
Earnings	\$2,537,245	\$1,084,812	\$1,452,433	\$47,834,376	\$1,365,782,310
Avg Distance Raced	7.41 f	7.76 f	7.06 f	7.72 f	7.57 f
Avg Winning Distance	7.17 f	6.83 f	7.45 f	7.52 f	7.44 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
A SHIN MEMPHIS (JPN)	Mare	2008	Medaglia d'Oro/Pine Bluff	G3SW
DEN'S LEGACY	Colt	2010	Medaglia d'Oro/War Chant	G3SW
NOSTRADAMUS (AUS)	Colt	2011	Medaglia d'Oro/Lion Hunter (AUS)	G3SW
VANCOUVER (AUS)	Colt	2012	Medaglia d'Oro/Danehill	SW
Sammy Maudlin	Gelding	2009	Medaglia d'Oro/Danehill	Wnr
Point Lookout	Horse	2006	Medaglia d'Oro/Polish Numbers	Wnr
D'oro Princess	Mare	2008	Medaglia d'Oro/Dayjur	Wnr
Sage d'Oro	Mare	2009	Medaglia d'Oro/Pine Bluff	Wnr
Min d'Oro	Mare	2006	Medaglia d'Oro/Danzig	Wnr
Golden Story	Colt	2010	Medaglia d'Oro/Sheikh Albadou (GB)	Wnr
Escape Act	Filly	2010	Medaglia d'Oro/Belong to Me	Wnr
Al Valore (AUS)	Colt	2011	Medaglia d'Oro/Catbird (AUS)	Wnr
Zula	Mare	2006	Medaglia d'Oro/Belong to Me	Wnr
Calvados (AUS)	Filly	2011	Medaglia d'Oro/Anabaa	Wnr
Summerfree	Colt	2010	Medaglia d'Oro/Belong to Me	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: Violence -- Moonlight Cloud (GB)
 Based on the cross of Medaglia d'Oro and his sons/Danzig and his sons and grandsons

A+
 Variant = 4.86

Hypothetical Foal	Violence, 10 dk b/	Medaglia d'Oro, 99 dk b/	El Prado (IRE), 89 gr	Sadler's Wells, 81 b	Northern Dancer, 61 b		
				Lady Capulet, 74 ro	Fairy Bridge, 75 b		
				Cappucino Bay, 89 b	Sir Ivor, 65 b		
			Violent Beauty, 03 dk b/	Gone West, 84 b	Bailjumper, 74 b	Cap and Bells, 58 gr	
					Dubbed In, 73 ch	Damascus, 64 b	
					Mr. Prospector, 70 b	Court Circuit, 64 b	
		Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Storming Beauty, 98 dk b/	Storm Cat, 83 dk b/	Silent Screen, 67 ch	
					Sky Beauty, 90 b	Society Singer, 68 ch	
					Rafha (GB), 87 b	Raise a Native, 61 ch	
			Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Wedding Bouquet (IRE), 87 b	Green Desert, 83 b	Gold Digger, 62 b
						Rainbow Quest, 81 b	Secretariat, 70 ch
						=River Dancer (IRE), 83 b	Tamerett, 62 dk b/
					Danzig, 77 b	Storm Bird, 78 b	
					Foreign Courier, 79 b	Terlingua, 76 ch	
					=Kris (GB), 76 ch	Blushing Groom (FR), 74 ch	
					=Eljazzi, 81 b	Maplejinsky, 85 b	
					Kings Lake, 78 b	Northern Dancer, 61 b	
					Doff the Derby, 81 b	Pas de Nom, 68 dk b/	

Pedigree Statistics	
Coefficient of Relatedness: 1.86%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.00%	Unique Ancestors: 353/510

Dosage Information	
Dosage Profile: 3 5 6 2 0	
Dosage Index: 2.20	Center of Distribution: +0.56

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Violence -- Moonlight Cloud (GB)**

Based on the cross of Medaglia d'Oro and his sons/Danzig and his sons and grandsons

A+

Variant = 4.86

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	30	Weanlings	-	-	-	Starters	17	22	10
Total Starters	30	Yearlings	-	-	-	Winners	8	10	2
		2YOs	-	-	-	SW	-	4	-

Sire		Broodmare Sire	
Sire Name	Violence	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	68	33	35	1,054	39,722
Starters (% Foals of Racing Age)	30 (44%)	15 (45%)	15 (43%)	617 (59%)	24,951 (63%)
Winners (% Starters)	16 (53%)	9 (60%)	7 (47%)	376 (61%)	15,384 (62%)
SW (% Starters)	4 (13%)	3 (20%)	1 (7%)	57 (9%)	1,140 (5%)
Earnings	\$2,537,601	\$1,084,812	\$1,452,789	\$48,451,315	\$1,370,193,324
Avg Distance Raced	7.41 f	7.76 f	7.06 f	7.70 f	7.57 f
Avg Winning Distance	7.17 f	6.83 f	7.45 f	7.50 f	7.44 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
A SHIN MEMPHIS (JPN)	Mare	2008	Medaglia d'Oro/Pine Bluff	G3SW
DEN'S LEGACY	Colt	2010	Medaglia d'Oro/War Chant	G3SW
NOSTRADAMUS (AUS)	Colt	2011	Medaglia d'Oro/Lion Hunter (AUS)	G3SW
VANCOUVER (AUS)	Colt	2012	Medaglia d'Oro/Danehill	SW
Sammy Maudlin	Gelding	2009	Medaglia d'Oro/Danehill	Wnr
Point Lookout	Horse	2006	Medaglia d'Oro/Polish Numbers	Wnr
D'oro Princess	Mare	2008	Medaglia d'Oro/Dayjur	Wnr
Sage d'Oro	Mare	2009	Medaglia d'Oro/Pine Bluff	Wnr
Min d'Oro	Mare	2006	Medaglia d'Oro/Danzig	Wnr
Golden Story	Colt	2010	Medaglia d'Oro/Sheikh Albadou (GB)	Wnr
Escape Act	Filly	2010	Medaglia d'Oro/Belong to Me	Wnr
Al Valore (AUS)	Colt	2011	Medaglia d'Oro/Catbird (AUS)	Wnr
Zula	Mare	2006	Medaglia d'Oro/Belong to Me	Wnr
Calvados (AUS)	Filly	2011	Medaglia d'Oro/Anabaa	Wnr
Summerfree	Colt	2010	Medaglia d'Oro/Belong to Me	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Scat Daddy -- Moonlight Cloud (GB)
 Based on the cross of Scat Daddy/Danzig and his sons and grandsons

A+
 Variant = 4.68

Hypothetical Foal	Scat Daddy, 04 dk b/	Johannesburg, 99 b	Hennessy, 93 ch	Storm Cat, 83 dk b/	Storm Bird, 78 b			
				Island Kitty, 76 ch	Terlingua, 76 ch			
				Ogygian, 83 b	*Hawaii, 64 b			
			Myth, 93 b	Yarn, 87 dk b/	T. C. Kitten, 69 ch			
				Mr. Prospector, 70 b	Damascus, 64 b			
				Gold Digger, 62 b	Gonfalon, 75 ch			
		Love Style, 99 ch	Likeable Style, 90 b	Raise a Native, 61 ch	Mr. Prospector, 70 b	Mr. Prospector, 70 b	Native Dancer, 50 gr	
				Nijinsky II, 67 b	Personable Lady, 81 b	Raise You, 46 ch	Nashua, 52 b	
				Personable Lady, 81 b	Personable Lady, 81 b	Sequence, 46 dk b	Northern Dancer, 61 b	
			Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Flaming Page, 59 b	No Robbery, 60 b
						Foreign Courier, 79 b	Flaming Page, 59 b	Porthole, 71 dk b/
					Rafha (GB), 87 b	=Kris (GB), 76 ch	Northern Dancer, 61 b	Pas de Nom, 68 dk b/
	Ventura (IRE), 98 b	=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	=Eljazzi, 81 b	Sir Ivor, 65 b	Courtly Dee, 68 dk b/	
					River Dancer (IRE), 83 b	Sharpen Up (GB), 69 ch	Doubly Sure (GB), 71 b	
				Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Artaius, 74 b	=Border Bounty (GB), 65 b	
		Doff the Derby, 81 b	Blushing Groom (FR), 74 ch		I Will Follow, 75 b			
		Doff the Derby, 81 b	I Will Follow, 75 b		Irish River (FR), 76 ch			
					Dancing Shadow (IRE), 77 b	Nijinsky II, 67 b	*Fish-Bar, 67 b	
					Master Derby, 72 ch	Margarethen, 62 dk b		

Pedigree Statistics	
Coefficient of Relatedness: 1.46%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.93%	Unique Ancestors: 378/510

Dosage Information	
Dosage Profile: 4 1 5 2 0	
Dosage Index: 1.67	Center of Distribution: +0.58

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Scat Daddy -- Moonlight Cloud (GB)
Based on the cross of Scat Daddy/Danzig and his sons and grandsons

A+
Variant = 4.68

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	15	Weanlings	-	-	-	Starters	12	12	3
Total Starters	15	Yearlings	-	-	-	Winners	7	3	1
		2YOs	-	-	-	SW	1	-	1

Sire		Broodmare Sire	
Sire Name	Scat Daddy	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.75	Broodmare Sire AEI	0.77
Progeny AWD	6.90 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Daddy Long Legs (\$1,348,231)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	18	9	9	432	18,210
Starters (% Foals of Racing Age)	15 (83%)	8 (89%)	7 (78%)	318 (74%)	12,339 (68%)
Winners (% Starters)	9 (60%)	4 (50%)	5 (71%)	225 (71%)	8,073 (65%)
SW (% Starters)	2 (13%)	1 (12%)	1 (14%)	32 (10%)	645 (5%)
Earnings	\$612,611	\$390,608	\$222,003	\$18,485,640	\$819,146,462
Avg Distance Raced	6.92 f	7.25 f	6.56 f	6.96 f	7.43 f
Avg Winning Distance	6.70 f	6.89 f	6.36 f	6.91 f	7.33 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
SHARED PROPERTY	Gelding	2009	Scat Daddy/Belong to Me	G3SW
SAVORITA (CHI)	Filly	2010	Scat Daddy/Langfuhr	SW
Scatter a Star	Horse	2009	Scat Daddy/Danehill	SP
Run for Free (CHI)	Colt	2010	Scat Daddy/Polish Navy	SP
Scat Daddybaby	Gelding	2010	Scat Daddy/Bianconi	Wnr
Daddy's Lil Saint	Filly	2011	Scat Daddy/Danzig	Wnr
Speed Zone	Mare	2009	Scat Daddy/Belong to Me	Wnr
Daddy's Kiss	Mare	2009	Scat Daddy/Sejm	Wnr
Wiki (CHI)	Filly	2011	Scat Daddy/Polish Navy	Wnr
Thug Daddy	Gelding	2011	Scat Daddy/Century City (IRE)	PI
Mr. Discreet	Colt	2012	Scat Daddy/Boundary	Rnr
All That Scat	Colt	2010	Scat Daddy/Brahms	Rnr
Back Scatter	Gelding	2012	Scat Daddy/Sejm	Rnr
Quite the Attitude	Mare	2009	Scat Daddy/Polish Numbers	Rnr
Gabby's Got Grace	Filly	2012	Scat Daddy/Brahms	Rnr

Pedigree and racing information provided by:





HYPOTHETICAL: Smart Strike -- Moonlight Cloud (GB)
 Based on the cross of Smart Strike/Danzig and his sons and grandsons

A+
Variant = 4.23

Hypothetical Foal	Smart Strike, 92 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr	Polynesian, 42 br
				Raise You, 46 ch	Geisha, 43 ro
			Gold Digger, 62 b	Nashua, 52 b	*Nasrullah, 40 b
				Sequence, 46 dk b	Segula, 42 dk b
				Cyane, 59 b	*Turn-to, 51 b
		Classy 'n Smart, 81 b	Smarten, 76 dk b/	Your Game, 48 br	
			No Class, 74 b	Smartaire, 62 dk b/	*Quibu, 42 b
				Nodouble, 65 ch	Art Teacher, 58 dk b/
			Classy Quillo, 69 dk b/	*Noholme II, 56 ch	Abla-Jay, 55 b
				Outing Class, 60 dk b/	Quillopoly, 58 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
				Sharpen Up (GB), 69 ch	Doubly Sure (GB), 71 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Artaius, 74 b
				Blushing Groom (FR), 74 ch	=Border Bounty (GB), 65 b
			I Will Follow, 75 b	Irish River (FR), 76 ch	
			=River Dancer (IRE), 83 b	Dancing Shadow (IRE), 77 b	
			Kings Lake, 78 b	Nijinsky II, 67 b	
Wedding Bouquet (IRE), 87 b	*Fish-Bar, 67 b	Master Derby, 72 ch			
	Doff the Derby, 81 b	Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 0.00%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.53%	Unique Ancestors: 417/510

Dosage Information	
Dosage Profile: 8 11 17 1 1	
Dosage Index: 2.62	Center of Distribution: +0.63

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Smart Strike -- Moonlight Cloud (GB)
Based on the cross of Smart Strike/Danzig and his sons and grandsons

A+
Variant = 4.23

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	118	Weanlings	-	-	-	Starters	85	99	49
Total Starters	118	Yearlings	-	-	-	Winners	43	38	25
		2YOs	-	-	-	SW	6	9	5

Sire		Broodmare Sire	
Sire Name	Smart Strike	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.28	Broodmare Sire AEI	0.77
Progeny AWD	7.66 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Curlin (\$10,501,800)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	153	75	78	1,177	34,260
Starters (% Foals of Racing Age)	118 (77%)	63 (84%)	55 (71%)	901 (77%)	22,978 (67%)
Winners (% Starters)	81 (69%)	48 (76%)	33 (60%)	669 (74%)	14,632 (64%)
SW (% Starters)	15 (13%)	9 (14%)	6 (11%)	88 (10%)	1,084 (5%)
Earnings	\$17,132,557	\$13,322,037	\$3,810,520	\$98,983,080	\$1,337,149,786
Avg Distance Raced	8.05 f	8.20 f	7.70 f	7.76 f	7.70 f
Avg Winning Distance	7.85 f	7.87 f	7.81 f	7.64 f	7.53 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LOOKIN AT LUCKY	Horse	2007	Smart Strike/Belong to Me	G1SW
SOARING FREE	Gelding	1999	Smart Strike/Danzig	G1SW
SHADOW CAST	Mare	2001	Smart Strike/Dayjur	G1SW
PAPA CLEM	Horse	2006	Smart Strike/Belong to Me	G2SW
SMART BID	Horse	2006	Smart Strike/Danzig	G2SW
AIR SUPPORT	Horse	2008	Smart Strike/Danzig	G2SW
BEL AIR BEAUTY	Mare	2004	Smart Strike/Boundary	G2SW
STRIKING DANCER	Mare	2006	Smart Strike/Danehill	G2SW
HIGH STRIKE ZONE	Gelding	2000	Smart Strike/Danzig	G3SW
PHILLY ACE	Gelding	2008	Smart Strike/Polish Numbers	G3SW
ZANZIBARI	Horse	2007	Smart Strike/Zieten	G3SW
STARLITE STRIKE	Mare	2003	Smart Strike/Danzig	SW
MANDOUR	Horse	2009	Smart Strike/Desert Style (IRE)	SW
STRIKING TOMISUE	Mare	2004	Smart Strike/Belong to Me	SW
APPLE CHARLOTTE	Mare	2007	Smart Strike/Chief's Crown	SW

Pedigree and racing information provided by:





HYPOTHETICAL: Bodemeister -- Moonlight Cloud (GB)
 Based on the cross of Empire Maker and his sons/Danzig and his sons and grandsons

A
 Variant = 3.96

Hypothetical Foal	Bodemeister, 09 b	Empire Maker, 00 dk b/	Unbridled, 87 b	Fappiano, 77 b	Mr. Prospector, 70 b
				Killaloe, 70 b	
			Gana Facil, 81 ch	*Le Fabuleux, 61 ch	
			Toussaud, 89 dk b/	El Gran Senor, 81 b	Northern Dancer, 61 b
				Image of Reality, 76 b	Sex Appeal, 70 ch
		In Reality, 64 b			
		Untouched Talent, 04 b	Storm Cat, 83 dk b/	Storm Bird, 78 b	Northern Dancer, 61 b
				Terlingua, 76 ch	South Ocean, 67 b
			Parade Queen, 94 b	A.P. Indy, 89 dk b/	Secretariat, 70 ch
				Spanish Parade, 88 dk b/	Crimson Saint, 69 ch
	Seattle Slew, 74 dk b/				
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Pas de Nom, 68 dk b/	
			Foreign Courier, 79 b	Sir Ivor, 65 b	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Courtly Dee, 68 dk b/
				=Eljazzi, 81 b	Sharpen Up (GB), 69 ch
		Doubly Sure (GB), 71 b			
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Artaius, 74 b
				Blushing Groom (FR), 74 ch	
			Wedding Bouquet (IRE), 87 b	=River Dancer (IRE), 83 b	I Will Follow, 75 b
Kings Lake, 78 b				Irish River (FR), 76 ch	
	Dancing Shadow (IRE), 77 b				
Doff the Derby, 81 b	Nijinsky II, 67 b				
	*Fish-Bar, 67 b				
Master Derby, 72 ch					
Margarethen, 62 dk b					

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.55%	Unique Ancestors: 364/510

Dosage Information	
Dosage Profile: 2 5 4 1 0	
Dosage Index: 3.00	Center of Distribution: +0.67

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Bodemeister -- Moonlight Cloud (GB)**

Based on the cross of Empire Maker and his sons/Danzig and his sons and grandsons

A

Variant = 3.96

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	53	Weanlings	-	-	-	Starters	36	40	25
Total Starters	53	Yearlings	-	-	-	Winners	17	23	10
		2YOs	-	-	-	SW	3	4	1

Sire		Broodmare Sire	
Sire Name	Bodemeister	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	83	38	45	845	30,526
Starters (% Foals of Racing Age)	53 (64%)	28 (74%)	25 (56%)	585 (69%)	20,675 (68%)
Winners (% Starters)	38 (72%)	21 (75%)	17 (68%)	349 (60%)	13,227 (64%)
SW (% Starters)	6 (11%)	2 (7%)	4 (16%)	48 (8%)	1,006 (5%)
Earnings	\$5,076,397	\$2,797,046	\$2,279,351	\$51,692,618	\$1,240,344,406
Avg Distance Raced	8.20 f	8.18 f	8.23 f	7.81 f	7.65 f
Avg Winning Distance	8.26 f	8.18 f	8.39 f	7.73 f	7.50 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
ACOMA	Mare	2005	Empire Maker/Danzig	G1SW
ACTING HAPPY	Mare	2007	Empire Maker/Pine Bluff	G2SW
BROADWAY EMPIRE	Gelding	2010	Empire Maker/Belong to Me	G3SW
BROOCH	Filly	2011	Empire Maker/Dansili (GB)	G3SW
DEAL MAKING	Gelding	2005	Empire Maker/Danzig	SW
SUSHI EMPIRE	Filly	2011	Empire Maker/Danzig	SW
Teletext	Colt	2011	Empire Maker/Anabaa	G1SP
Frivolous	Filly	2010	Empire Maker/Belong to Me	G3SP
Kalamos	Horse	2009	Empire Maker/Danehill	SP
Symboli Empire	Horse	2009	Empire Maker/Key of Luck	Wnr
Action Plan	Gelding	2006	Empire Maker/Danzig	Wnr
Chosen Empire	Gelding	2005	Empire Maker/Danzig	Wnr
Montana Kid	Horse	2009	Empire Maker/Langfuhr	Wnr
Silk Route	Mare	2007	Empire Maker/Danzig	Wnr
Share Out	Gelding	2008	Empire Maker/Belong to Me	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Pioneerof the Nile -- Moonlight Cloud (GB)
Based on the cross of Empire Maker and his sons/Danzig and his sons and grandsons

A**Variant = 3.96**

Hypothetical Foal	Pioneerof the Nile, 06 dk b/	Empire Maker, 00 dk b/	Unbridled, 87 b	Fappiano, 77 b	Mr. Prospector, 70 b
				Gana Facil, 81 ch	Killaloe, 70 b
			Toussaud, 89 dk b/	El Gran Senor, 81 b	*Le Fabuleux, 61 ch
				Image of Reality, 76 b	Northern Dancer, 61 b
					Sex Appeal, 70 ch
		Star of Goshen, 94 b	Lord At War (ARG), 80 ch	General (FR), 74 dk b/	=Brigadier Gerard (GB), 68 b
				=Luna de Miel, 74 ch	=Mercuriale, 65 ch
			Castle Eight, 84 b	Key to the Kingdom, 70 dk b/	*Con Brio II, 61 ch
					Good Will (ARG), 65 ch
				Her Native, 73 b	Bold Ruler, 54 dk b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Blushing Groom (FR), 74 ch
				=River Dancer (IRE), 83 b	I Will Follow, 75 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Irish River (FR), 76 ch
					Dancing Shadow (IRE), 77 b
				Doff the Derby, 81 b	Nijinsky II, 67 b
			*Fish-Bar, 67 b		
			Master Derby, 72 ch		
			Margarethen, 62 dk b		

Pedigree Statistics

Coefficient of Relatedness: 0.59%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.11%	Unique Ancestors: 394/510

Dosage Information

Dosage Profile: 2 4 3 1 0	
Dosage Index: 3.00	Center of Distribution: +0.70

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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**HYPOTHETICAL: Pioneerof the Nile -- Moonlight Cloud (GB)**

Based on the cross of Empire Maker and his sons/Danzig and his sons and grandsons

A

Variant = 3.96

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	53	Weanlings	-	-	-	Starters	36	40	25
Total Starters	53	Yearlings	-	-	-	Winners	17	23	10
		2YOs	-	-	-	SW	3	4	1

Sire		Broodmare Sire	
Sire Name	Pioneerof the Nile	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.06	Broodmare Sire AEI	0.77
Progeny AWD	7.30 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Cairo Prince (\$562,000)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	83	38	45	845	30,526
Starters (% Foals of Racing Age)	53 (64%)	28 (74%)	25 (56%)	585 (69%)	20,675 (68%)
Winners (% Starters)	38 (72%)	21 (75%)	17 (68%)	349 (60%)	13,227 (64%)
SW (% Starters)	6 (11%)	2 (7%)	4 (16%)	48 (8%)	1,006 (5%)
Earnings	\$5,076,397	\$2,797,046	\$2,279,351	\$51,692,618	\$1,240,344,406
Avg Distance Raced	8.20 f	8.18 f	8.23 f	7.81 f	7.65 f
Avg Winning Distance	8.26 f	8.18 f	8.39 f	7.73 f	7.50 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
ACOMA	Mare	2005	Empire Maker/Danzig	G1SW
ACTING HAPPY	Mare	2007	Empire Maker/Pine Bluff	G2SW
BROADWAY EMPIRE	Gelding	2010	Empire Maker/Belong to Me	G3SW
BROOCH	Filly	2011	Empire Maker/Dansili (GB)	G3SW
DEAL MAKING	Gelding	2005	Empire Maker/Danzig	SW
SUSHI EMPIRE	Filly	2011	Empire Maker/Danzig	SW
Teletext	Colt	2011	Empire Maker/Anabaa	G1SP
Frivolous	Filly	2010	Empire Maker/Belong to Me	G3SP
Kalamos	Horse	2009	Empire Maker/Danehill	SP
Symboli Empire	Horse	2009	Empire Maker/Key of Luck	Wnr
Action Plan	Gelding	2006	Empire Maker/Danzig	Wnr
Chosen Empire	Gelding	2005	Empire Maker/Danzig	Wnr
Montana Kid	Horse	2009	Empire Maker/Langfuhr	Wnr
Silk Route	Mare	2007	Empire Maker/Danzig	Wnr
Share Out	Gelding	2008	Empire Maker/Belong to Me	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Lookin At Lucky -- Moonlight Cloud (GB)
 Based on the cross of Smart Strike and his sons/Danzig and his sons and grandsons

A
 Variant = 3.78

Hypothetical Foal	Lookin At Lucky, 07 b	Smart Strike, 92 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
				Gold Digger, 62 b	Raise You, 46 ch
			Classy 'n Smart, 81 b	Smarten, 76 dk b/	Nashua, 52 b
				No Class, 74 b	Sequence, 46 dk b
					Cyane, 59 b
		Private Feeling, 99 b	Belong to Me, 89 dk b/	Danzig, 77 b	Smartaire, 62 dk b/
				Belonging, 79 b	Nodouble, 65 ch
			Regal Feeling, 86 b	Clever Trick, 76 dk b/	Classy Quillo, 69 dk b/
				Sharp Belle, 75 ro	Northern Dancer, 61 b
					Pas de Nom, 68 dk b/
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Exclusive Native, 65 ch
				Foreign Courier, 79 b	Straight Deal, 62 b
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Icecapade, 69 gr
				=Eljazzi, 81 b	Sharpener Up (GB), 69 ch
					Doubly Sure (GB), 71 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Artaius, 74 b
				=River Dancer (IRE), 83 b	=Border Bounty (GB), 65 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Blushing Groom (FR), 74 ch
				Doff the Derby, 81 b	I Will Follow, 75 b
					Nijinsky II, 67 b
		*Fish-Bar, 67 b			
		Master Derby, 72 ch			
		Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 2.15%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.46%	Unique Ancestors: 368/510

Dosage Information	
Dosage Profile: 4 6 9 1 0	
Dosage Index: 2.64	Center of Distribution: +0.65

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:




HYPOTHETICAL: Lookin At Lucky -- Moonlight Cloud (GB)

Based on the cross of Smart Strike and his sons/Danzig and his sons and grandsons

A

Variant = 3.78

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	202	Weanlings	-	-	-	Starters	147	154	80
Total Starters	202	Yearlings	-	-	-	Winners	81	56	36
		2YOs	-	-	-	SW	11	9	6

Sire		Broodmare Sire	
Sire Name	Lookin At Lucky	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.85	Broodmare Sire AEI	0.77
Progeny AWD	6.26 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Good Luck Gus (\$267,059)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	330	156	174	3,011	54,321
Starters (% Foals of Racing Age)	202 (61%)	104 (67%)	98 (56%)	1,989 (66%)	34,521 (64%)
Winners (% Starters)	135 (67%)	74 (71%)	61 (62%)	1,356 (68%)	21,110 (61%)
SW (% Starters)	21 (10%)	12 (12%)	9 (9%)	143 (7%)	1,468 (4%)
Earnings	\$21,129,598	\$15,794,130	\$5,335,468	\$148,638,292	\$1,770,426,167
Avg Distance Raced	7.97 f	8.25 f	7.45 f	7.48 f	7.59 f
Avg Winning Distance	7.81 f	7.90 f	7.62 f	7.48 f	7.45 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
LOOKIN AT LUCKY	Horse	2007	Smart Strike/Belong to Me	G1SW
SOARING FREE	Gelding	1999	Smart Strike/Danzig	G1SW
SHADOW CAST	Mare	2001	Smart Strike/Dayjur	G1SW
PAPA CLEM	Horse	2006	Smart Strike/Belong to Me	G2SW
SMART BID	Horse	2006	Smart Strike/Danzig	G2SW
AIR SUPPORT	Horse	2008	Smart Strike/Danzig	G2SW
BEL AIR BEAUTY	Mare	2004	Smart Strike/Boundary	G2SW
STRIKING DANCER	Mare	2006	Smart Strike/Danehill	G2SW
HIGH STRIKE ZONE	Gelding	2000	Smart Strike/Danzig	G3SW
PHILLY ACE	Gelding	2008	Smart Strike/Polish Numbers	G3SW
ZANZIBARI	Horse	2007	Smart Strike/Zieten	G3SW
STRAIT OF DOVER	Horse	2009	English Channel/Danzig	SW
STARLITE STRIKE	Mare	2003	Smart Strike/Danzig	SW
MANDOUR	Horse	2009	Smart Strike/Desert Style (IRE)	SW
STRIKING TOMISUE	Mare	2004	Smart Strike/Belong to Me	SW

Pedigree and racing information provided by:



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HYPOTHETICAL: Broken Vow -- Moonlight Cloud (GB)
 Based on the cross of Broken Vow/Danzig and his sons and grandsons

A
 Variant = 3.76

Hypothetical Foal	Broken Vow, 97 b	Unbridled, 87 b	Fappiano, 77 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	
				Killaloe, 70 b	Gold Digger, 62 b	
			Gana Facil, 81 ch	*Le Fabuleux, 61 ch	Dr. Fager, 64 b	
				Charedi, 76 dk b/	Grand Splendor, 62 b	
					=Wild Risk (FR), 40 b	
		Wedding Vow, 88 b	Nijinsky II, 67 b	Northern Dancer, 61 b	=Anguar (FR), 50 b	
					In Reality, 64 b	
			Wedding Picture, 81 b	Flaming Page, 59 b	Blushing Groom (FR), 74 ch	Magic, 69 dk b/
						Nearctic, 54 br
						Natalma, 57 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Bull Page, 47 dk b	
					Foreign Courier, 79 b	Flaring Top, 47 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	=Eljazzi, 81 b	Red God, 54 ch
						Runaway Bride (GB), 62 b
						Iron Ruler, 65 gr
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Take a Stand, 66 ch	
					=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Doff the Derby, 81 b	Pas de Nom, 68 dk b/
						Sir Ivor, 65 b
						Courtly Dee, 68 dk b/

Pedigree Statistics	
Coefficient of Relatedness: 3.22%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.66%	Unique Ancestors: 364/510

Dosage Information	
Dosage Profile: 7 7 9 3 2	
Dosage Index: 1.95	Center of Distribution: +0.50

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Broken Vow -- Moonlight Cloud (GB)
Based on the cross of Broken Vow/Danzig and his sons and grandsons

A
Variant = 3.76

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	47	Weanlings	-	-	-	Starters	42	32	24
Total Starters	47	Yearlings	-	-	-	Winners	28	8	10
		2YOs	-	-	-	SW	3	2	2

Sire		Broodmare Sire	
Sire Name	Broken Vow	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.45	Broodmare Sire AEI	0.77
Progeny AWD	7.15 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Unbridled Belle (\$1,909,823)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	57	30	27	891	27,393
Starters (% Foals of Racing Age)	47 (82%)	25 (83%)	22 (81%)	690 (77%)	18,773 (69%)
Winners (% Starters)	37 (79%)	20 (80%)	17 (77%)	547 (79%)	12,304 (66%)
SW (% Starters)	5 (11%)	2 (8%)	3 (14%)	53 (8%)	940 (5%)
Earnings	\$3,300,906	\$2,142,740	\$1,158,166	\$45,316,379	\$1,181,027,319
Avg Distance Raced	7.42 f	7.66 f	7.04 f	7.20 f	7.44 f
Avg Winning Distance	7.76 f	8.15 f	7.05 f	7.11 f	7.34 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
BROKEN SWORD	Filly	2010	Broken Vow/Volksraad (GB)	G2SW
MATT'S BROKEN VOW	Horse	2005	Broken Vow/Ascot Knight	G3SW
LETHAL COMBINATION	Gelding	2007	Broken Vow/Boundary	G3SW
MAY DAY VOW	Mare	2003	Broken Vow/Pine Bluff	SW
SIRRAH	Mare	2006	Broken Vow/Deerhound	SW
Jockey Ridge	Gelding	2005	Broken Vow/Dayjur	G3SP
Solemn Promise	Horse	2004	Broken Vow/Chief's Crown	SP
Mighty Vow	Horse	2005	Broken Vow/Danehill	SP
Brentwood Bullet	Gelding	2005	Broken Vow/Heniu	SP
Life in Shambles	Gelding	2011	Broken Vow/Anabaa	SP
I Raffaella	Filly	2010	Broken Vow/Ascot Knight	SP
Ghost Ranch Hill	Gelding	2003	Broken Vow/Deerhound	Wnr
Nat Grew	Gelding	2004	Broken Vow/Ascot Knight	Wnr
Bagdad Cafe	Mare	2009	Broken Vow/Honor Grades	Wnr
Prince Cody	Gelding	2007	Broken Vow/Langfuhr	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: Mizzen Mast -- Moonlight Cloud (GB)
Based on the cross of Mizzen Mast/Danzig and his sons and grandsons

A**Variant = 3.73**

Hypothetical Foal	Mizzen Mast, 98 gr/ro	Cozzene, 80 gr	Caro (IRE), 67 gr	=Fortino II (FR), 59 gr	=Grey Sovereign (GB), 48 gr	
				=Chambord, 55 ch	=Ranavalo III (FR), 54 b	
			Ride the Trails, 71 b	Prince John, 53 ch	*Princequillo, 40 b	
				Wildwook, 65 b	Not Afraid, 48 dk b	
			Kinema, 83 b	Graustark, 63 ch	*Ribot, 52 b	=Tenerani (ITY), 44 b
					Flower Bowl, 52 b	=Romanella (ITY), 43 ch
		Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Mrs. Peterkin, 65 b	Tom Fool, 49 b	*Alibhai, 38 ch
					Legendra, 44 b	Flower Bed, 46 dk b
				Ventura (IRE), 98 b	Green Desert, 83 b	Danzig, 77 b
			Foreign Courier, 79 b			Gaga, 42 b
			Rafha (GB), 87 b		=Spectrum (IRE), 92 b	=Kris (GB), 76 ch
				=Eljazzi, 81 b		Lady Legend, 30 b/br
	Wedding Bouquet (IRE), 87 b	Rainbow Quest, 81 b	Kings Lake, 78 b	Northern Dancer, 61 b		
				=River Dancer (IRE), 83 b	Pas de Nom, 68 dk b/	
			Doff the Derby, 81 b	=Fish-Bar, 67 b	Sir Ivor, 65 b	
		Master Derby, 72 ch				
					Margarethen, 62 dk b	

Pedigree Statistics

Coefficient of Relatedness: 0.20%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 0.67%	Unique Ancestors: 419/510

Dosage Information

Dosage Profile: 0 4 10 3 1	
Dosage Index: 1.00	Center of Distribution: -0.06

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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HYPOTHETICAL: Mizzen Mast -- Moonlight Cloud (GB)
Based on the cross of Mizzen Mast/Danzig and his sons and grandsons

A
Variant = 3.73

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	44	Weanlings	-	-	-	Starters	27	36	25
Total Starters	44	Yearlings	-	-	-	Winners	18	18	10
		2YOs	-	-	-	SW	-	3	1

Sire		Broodmare Sire	
Sire Name	Mizzen Mast	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.41	Broodmare Sire AEI	0.77
Progeny AWD	7.53 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Mizdirection (\$1,719,621)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	51	33	18	665	24,051
Starters (% Foals of Racing Age)	44 (86%)	28 (85%)	16 (89%)	504 (76%)	16,668 (69%)
Winners (% Starters)	31 (70%)	22 (79%)	9 (56%)	352 (70%)	10,930 (66%)
SW (% Starters)	4 (9%)	2 (7%)	2 (12%)	29 (6%)	846 (5%)
Earnings	\$2,326,665	\$1,910,244	\$416,421	\$31,716,458	\$1,067,757,715
Avg Distance Raced	8.22 f	8.53 f	7.04 f	7.62 f	7.49 f
Avg Winning Distance	7.71 f	7.87 f	7.10 f	7.53 f	7.38 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
FULL MAST	Colt	2012	Mizzen Mast/Danzig	G1SW
LORD SINCLAIR	Gelding	2009	Mizzen Mast/Dayjur	SW
MOONEE PONDS	Mare	2004	Mizzen Mast/Danzig	SW
YACHT WOMAN	Mare	2005	Mizzen Mast/Sea Hero	SW
Blue Pigeon	Gelding	2011	Mizzen Mast/Langfuhr	SP
Kettle Rapids	Gelding	2004	Mizzen Mast/Ascot Knight	Wnr
McNamara	Gelding	2005	Mizzen Mast/Deerhound	Wnr
Rabbit Tracks	Gelding	2006	Mizzen Mast/Polish Navy	Wnr
Pine Mast	Gelding	2005	Mizzen Mast/Pine Bluff	Wnr
Midship Mambo	Gelding	2004	Mizzen Mast/Danehill	Wnr
Bob and the Gang	Gelding	2010	Mizzen Mast/Pine Bluff	Wnr
Enchanting Moment	Mare	2005	Mizzen Mast/Dayjur	Wnr
Windworthy	Gelding	2010	Mizzen Mast/Langfuhr	Wnr
Wolfgang	Gelding	2006	Mizzen Mast/Danehill	Wnr
Darrell Says	Gelding	2008	Mizzen Mast/Military	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: =Intello (GER) -- Moonlight Cloud (GB)
 Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
Variant = 3.44

Hypothetical Foal	=Intello (GER), 10 b	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b
				Allegretta (GB), 78 ch	Special, 69 b
					Mr. Prospector, 70 b
		=Impressionnante (GB), 03 b	Danehill, 86 b	Danzig, 77 b	Hopespringseternal, 71 ch
				Razyana, 81 b	=Lombard (GER), 67 ch
			Occupandiste (IRE), 93 b	=Kaldoun (FR), 75 gr	=Anatevka (GER), 69 ch
				Only Seule, 88 ch	Northern Dancer, 61 b
					Pas de Nom, 68 dk b/
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
				Doff the Derby, 81 b	Blushing Groom (FR), 74 ch
					I Will Follow, 75 b

Pedigree Statistics	
Coefficient of Relatedness: 3.32%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.64%	Unique Ancestors: 366/510

Dosage Information	
Dosage Profile: 1 2 6 3 0	
Dosage Index: 1.00	Center of Distribution: +0.08

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Intello (GER) -- Moonlight Cloud (GB)

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	73	Weanlings	-	-	-	Starters	7	71	32
Total Starters	73	Yearlings	-	-	-	Winners	3	44	6
		2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	=Intello (GER)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: =Nathaniel (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
Variant = 3.44

Hypothetical Foal	=Nathaniel (IRE), 08 b	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b
				Allegretta (GB), 78 ch	Special, 69 b
				Roberto, 69 b	Mr. Prospector, 70 b
		Magnificent Style, 93 dk b/	Silver Hawk, 79 b	Gris Vitesse, 66 gr	Hopespringseternal, 71 ch
				Icecapade, 69 gr	=Lombard (GER), 67 ch
			Mia Karina, 83 dk b/	Basin, 72 b	=Anatevka (GER), 69 ch
				Danzig, 77 b	Hail to Reason, 58 br
				Foreign Courier, 79 b	Bramalea, 59 dk b/
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	=Kris (GB), 76 ch	*Amerigo, 55 ch
				=Eljazzi, 81 b	*Matchiche II, 56 gr
			Rafha (GB), 87 b	Rainbow Quest, 81 b	Nearctic, 54 br
				=Spectrum (IRE), 92 b	Shenanigans, 63 gr
				Wedding Bouquet (IRE), 87 b	Tom Rolfe, 62 b
		Ventura (IRE), 98 b	=River Dancer (IRE), 83 b	Kings Lake, 78 b	Delta, 52 b
				Doff the Derby, 81 b	Northern Dancer, 61 b
			=Spectrum (IRE), 92 b	River Dancer (IRE), 83 b	Pas de Nom, 68 dk b/
				Irish River (FR), 76 ch	Sir Ivor, 65 b
				Dancing Shadow (IRE), 77 b	Courtly Dee, 68 dk b/
Kings Lake, 78 b	Doff the Derby, 81 b	Nijinsky II, 67 b	Sharpen Up (GB), 69 ch		
		*Fish-Bar, 67 b	Doubly Sure (GB), 71 b		
		Master Derby, 72 ch	Artaius, 74 b		
Doff the Derby, 81 b	Doff the Derby, 81 b	Margarethen, 62 dk b	=Border Bounty (GB), 65 b		
			Blushing Groom (FR), 74 ch		
		I Will Follow, 75 b			

Pedigree Statistics	
Coefficient of Relatedness: 1.37%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.97%	Unique Ancestors: 369/510

Dosage Information	
Dosage Profile: 2 1 8 3 0	
Dosage Index: 1.00	Center of Distribution: +0.14

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Nathaniel (IRE) -- Moonlight Cloud (GB)

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	73	Weanlings	-	-	-	Starters	7	71	32
Total Starters	73	Yearlings	-	-	-	Winners	3	44	6
		2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	=Nathaniel (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Rip Van Winkle (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
 Variant = 3.44

Hypothetical Foal	Rip Van Winkle (IRE), 06 b	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br	
				Fairy Bridge, 75 b	Natalma, 57 b	
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b	
				Allegretta (GB), 78 ch	Special, 69 b	
					Mr. Prospector, 70 b	
		=Looking Back (IRE), 01 b	Stravinsky, 96 b	Hopespringseternal, 71 ch		
				Nureyev, 77 b	=Lombard (GER), 67 ch	
			Mustique Dream (GB), 95 b	Fire the Groom, 87 dk b/	=Anatevka (GER), 69 ch	
				=Don't Forget Me (IRE), 84 b	Northern Dancer, 61 b	
					Special, 69 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Blushing Groom (FR), 74 ch	
				Foreign Courier, 79 b	Prospector's Fire, 76 dk b/	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	=Ahoonora (GB), 75 ch	
				=Eljazzi, 81 b	=African Doll (IRE), 78 b	
					Rainbow Quest, 81 b	Shareef Dancer, 80 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	=River Dancer (IRE), 83 b	=House Tie (IRE), 75 b	
					Kings Lake, 78 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Pas de Nom, 68 dk b/
						Blushing Groom (FR), 74 ch
				I Will Follow, 75 b		
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Sir Ivor, 65 b			
			Courtly Dee, 68 dk b/			
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Sharpen Up (GB), 69 ch			
			Doubly Sure (GB), 71 b			
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Artaius, 74 b			
			=Border Bounty (GB), 65 b			
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Irish River (FR), 76 ch			
			Dancing Shadow (IRE), 77 b			
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Nijinsky II, 67 b			
			*Fish-Bar, 67 b			
Doff the Derby, 81 b	Doff the Derby, 81 b	Doff the Derby, 81 b	Master Derby, 72 ch			
			Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 2.44%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.32%	Unique Ancestors: 355/510

Dosage Information	
Dosage Profile: 1 1 7 3 0	
Dosage Index: 0.85	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:




HYPOTHETICAL: Rip Van Winkle (IRE) -- Moonlight Cloud (GB)

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	73	Weanlings	-	-	-	Starters	7	71	32
Total Starters	73	Yearlings	-	-	-	Winners	3	44	6
		2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	Rip Van Winkle (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.00	Broodmare Sire AEI	0.77
Progeny AWD	6.70 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Dick Whittington (IRE) (\$249,391)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Cape Blanco (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
 Variant = 3.44

Hypothetical Foal	Cape Blanco (IRE), 07 ch	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br	
				Fairy Bridge, 75 b	Natalma, 57 b	
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b	
				Allegretta (GB), 78 ch	Special, 69 b	
				Presidium (GB), 82 b	General Assembly, 76 ch	Mr. Prospector, 70 b
		Doubly Sure (GB), 71 b	Hopespringseternal, 71 ch			
		=Laurel Delight (GB), 90 ch	=Foudroyer (GB), 80 ch	Artaius, 74 b	=Lombard (GER), 67 ch	
				=Foudre (GB), 75 b	=Anatevka (GER), 69 ch	
			Green Desert, 83 b	Danzig, 77 b	Secretariat, 70 ch	
				Foreign Courier, 79 b	Exclusive Dancer, 67 ro	
	Rafha (GB), 87 b			=Kris (GB), 76 ch	=Reliance II (FR), 62 b	
		=Eljazzi, 81 b	=Soft Angels, 63 ch			
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Round Table, 54 b	
				=River Dancer (IRE), 83 b	Stylish Pattern, 61 b	
			Ventura (IRE), 98 b	Kings Lake, 78 b	=Petingo (GB), 65 b	
				Wedding Bouquet (IRE), 87 b	Doff the Derby, 81 b	Lighted Lamp, 67 b
					Green Desert, 83 b	Danzig, 77 b
		Foreign Courier, 79 b	Pas de Nom, 68 dk b/			
		Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b		
			=Eljazzi, 81 b	Courtly Dee, 68 dk b/		
=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	Sharpen Up (GB), 69 ch			
		=River Dancer (IRE), 83 b	Doubly Sure (GB), 71 b			
Kings Lake, 78 b	Doff the Derby, 81 b	Nijinsky II, 67 b	Artaius, 74 b			
		*Fish-Bar, 67 b	=Border Bounty (GB), 65 b			
Doff the Derby, 81 b	Wedding Bouquet (IRE), 87 b	Master Derby, 72 ch	Rainbow Quest, 81 b			
		Margarethen, 62 dk b	I Will Follow, 75 b			

Pedigree Statistics	
Coefficient of Relatedness: 2.83%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.58%	Unique Ancestors: 362/510

Dosage Information	
Dosage Profile: 1 1 5 3 0	
Dosage Index: 0.82	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Cape Blanco (IRE) -- Moonlight Cloud (GB)**

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	73	Weanlings	-	-	-	Starters	7	71	32
Total Starters	73	Yearlings	-	-	-	Winners	3	44	6
		2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	Cape Blanco (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

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HYPOTHETICAL: =New Approach (IRE) -- Moonlight Cloud (GB)
 Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
 Variant = 3.44

Hypothetical Foal	=New Approach (IRE), 05 ch	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br	
				Fairy Bridge, 75 b	Natalma, 57 b	
				Miswaki, 78 ch	Bold Reason, 68 b	
			Urban Sea, 89 ch	Allegretta (GB), 78 ch	Special, 69 b	
				*Lorenzaccio, 65 ch	Mr. Prospector, 70 b	
				=Helen Nichols, 66 ch	Hopespringseternal, 71 ch	
		Park Express (IRE), 83 dk b/ b/	=Ahoonora (GB), 75 ch	Matcher, 66 br	=Lombard (GER), 67 ch	
				*Match II, 58 dk b/	=Anatevka (GER), 69 ch	
				*Lachine II, 60 b	*Klairon, 52 b	
			Green Desert, 83 b	=Invincible Spirit (IRE), 97 b	Danzig, 77 b	=Phoenissa (GB), 51 b
					Foreign Courier, 79 b	=Martial (IRE), 57 ch
					=Kris (GB), 76 ch	=Quaker Girl, 61 gr
	Moonlight Cloud (GB), 08 b	Rafha (GB), 87 b	=Eljazzi, 81 b	=Tantieme (FR), 47 b		
			=Spectrum (IRE), 92 b	=Relance (FR), 52 ch		
			Rainbow Quest, 81 b	=Grey Sovereign (GB), 48 gr		
		Ventura (IRE), 98 b	Wedding Bouquet (IRE), 87 b	=River Dancer (IRE), 83 b	=Loved One (GB), 47 b	
				Kings Lake, 78 b	Northern Dancer, 61 b	
				Doff the Derby, 81 b	Pas de Nom, 68 dk b/	

Pedigree Statistics	
Coefficient of Relatedness: 1.17%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.60%	Unique Ancestors: 395/510

Dosage Information	
Dosage Profile: 1 1 5 3 0	
Dosage Index: 0.82	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: =New Approach (IRE) -- Moonlight Cloud (GB)**

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	2	Weanlings	-	-	-	Starters	7	71	32
Additional Starters on Rated Cross	71	Yearlings	-	-	-	Winners	3	44	6
Total Starters	73	2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	=New Approach (IRE)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.00	Broodmare Sire AEI	0.77
Progeny AWD	8.45 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Dawn Approach (IRE) (\$1,457,260)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

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HYPOTHETICAL: =Frankel (GB) -- Moonlight Cloud (GB)

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A
Variant = 3.44

Hypothetical Foal	=Frankel (GB), 08 b	\$Galileo (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Nearctic, 54 br
				Fairy Bridge, 75 b	Natalma, 57 b
			Urban Sea, 89 ch	Miswaki, 78 ch	Bold Reason, 68 b
				Allegretta (GB), 78 ch	Special, 69 b
		=Kind (IRE), 01 b	Danehill, 86 b	Danzig, 77 b	Mr. Prospector, 70 b
				Razyana, 81 b	Hopespringseternal, 71 ch
			=Rainbow Lake (GB), 90 b	Rainbow Quest, 81 b	=Lombard (GER), 67 ch
				Rockfest, 79 ch	=Anatevka (GER), 69 ch
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Sharpen Up (GB), 69 ch
				=River Dancer (IRE), 83 b	Doubly Sure (GB), 71 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Artaius, 74 b
				Doff the Derby, 81 b	=Border Bounty (GB), 65 b

Pedigree Statistics	
Coefficient of Relatedness: 4.59%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.32%	Unique Ancestors: 340/510

Dosage Information	
Dosage Profile: 1 2 7 4 0	
Dosage Index: 0.87	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Frankel (GB) -- Moonlight Cloud (GB)

Based on the cross of Galileo (IRE) and his sons/Green Desert and his sons and grandsons

A

Variant = 3.44

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	7	71	32
Additional Starters on Rated Cross	73	Yearlings	-	-	-	Winners	3	44	6
Total Starters	73	2YOs	-	-	-	SW	-	8	-

Sire		Broodmare Sire	
Sire Name	=Frankel (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	129	63	66	4,345	8,660
Starters (% Foals of Racing Age)	73 (57%)	36 (57%)	37 (56%)	2,373 (55%)	5,193 (60%)
Winners (% Starters)	47 (64%)	26 (72%)	21 (57%)	1,447 (61%)	2,930 (56%)
SW (% Starters)	8 (11%)	6 (17%)	2 (5%)	220 (9%)	197 (4%)
Earnings	\$7,403,555	\$6,364,056	\$1,039,499	\$156,273,168	\$211,748,050
Avg Distance Raced	9.49 f	9.99 f	8.49 f	9.99 f	7.86 f
Avg Winning Distance	9.11 f	9.49 f	8.13 f	10.12 f	7.66 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
AUSTRALIA (GB)	Colt	2011	Galileo (IRE)/Cape Cross (IRE)	G1SW
HAVANA GOLD (IRE)	Colt	2010	Teofilo (IRE)/Desert Style (IRE)	G1SW
WAS (IRE)	Mare	2009	Galileo (IRE)/Green Desert	G1SW
AMIRA'S PRINCE (IRE)	Horse	2009	Teofilo (IRE)/Green Desert	G2SW
BATTLE OF MARENGO (IRE)	Colt	2010	Galileo (IRE)/Green Desert	G2SW
LAY TIME (GB)	Mare	2008	Galileo (IRE)/Green Desert	G3SW
THA'IR (IRE)	Colt	2010	New Approach (IRE)/Green Desert	SW
HAVANA BEAT (IRE)	Gelding	2010	Teofilo (IRE)/Desert Prince (IRE)	SW
Perhaps (IRE)	Filly	2011	Galileo (IRE)/Green Desert	G2SP
Boxing Day (GB)	Horse	2007	Galileo (IRE)/Green Desert	SP
Forest Storm (GB)	Mare	2006	Galileo (IRE)/Desert Prince (IRE)	SP
Precious Stone (IRE)	Mare	2009	Galileo (IRE)/Green Desert	SP
Heading North (GB)	Filly	2010	Teofilo (IRE)/Cape Cross (IRE)	SP
Outlaw Country (IRE)	Colt	2012	Teofilo (IRE)/Green Desert	Wnr
Artplace (IRE)	Gelding	2010	Teofilo (IRE)/Oasis Dream (GB)	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Halling -- Moonlight Cloud (GB)
 Based on the cross of Halling/Danzig and his sons and grandsons

A
 Variant = 3.34

Hypothetical Foal	Halling, 91 ch	Diesis (GB), 80 ch	Sharpen Up (GB), 69 ch	Atan, 61 ch	Native Dancer, 50 gr
				=Rocchetta (GB), 61 ch	*Mixed Marriage, 52 b
			Doubly Sure (GB), 71 b	=Reliance II (FR), 62 b	=Rockefella (GB), 41 br
				=Soft Angels, 63 ch	=Chambiges (FR), 49 b
					=Tantieme (FR), 47 b
		Dance Machine (GB), 82 b	Green Dancer, 72 b	Nijinsky II, 67 b	=Relance (FR), 52 ch
				*Green Valley II, 67 dk b/	=Crepello (GB), 54 ch
			Never a Lady (IRE), 74 ch	Pontifex, 67 b	=Sweet Angel (GB), 55 b
				=Camogie (GB), 69 ch	Northern Dancer, 61 b
					Flaming Page, 59 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	*Val de Loir, 59 b
				Foreign Courier, 79 b	Sly Pola, 57 ch
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Jaipur, 59 dk b
				=Eljazzi, 81 b	Pontivy, 59 ro
					*Celtic Ash, 57 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	=Mesopotamia (IRE), 61 br
				=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Pas de Nom, 68 dk b/
				Doff the Derby, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/

Pedigree Statistics	
Coefficient of Relatedness: 4.30%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.20%	Unique Ancestors: 373/510

Dosage Information	
Dosage Profile: 2 1 5 3 1	
Dosage Index: 0.85	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Halling -- Moonlight Cloud (GB)
Based on the cross of Halling/Danzig and his sons and grandsons

A
Variant = 3.34

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	21	116	70
Additional Starters on Rated Cross	118	Yearlings	1	\$54,086	\$54,086	Winners	5	60	16
Total Starters	119	2YOs	-	-	-	SW	-	12	2

Sire		Broodmare Sire	
Sire Name	Halling	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.58	Broodmare Sire AEI	0.77
Progeny AWD	10.83 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Cavalryman (GB) (\$3,003,676)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	167	79	88	689	36,944
Starters (% Foals of Racing Age)	119 (71%)	62 (78%)	57 (65%)	536 (78%)	24,105 (65%)
Winners (% Starters)	69 (58%)	38 (61%)	31 (54%)	357 (67%)	14,878 (62%)
SW (% Starters)	12 (10%)	8 (13%)	4 (7%)	39 (7%)	1,095 (5%)
Earnings	\$7,093,887	\$5,961,307	\$1,132,580	\$33,019,934	\$1,370,605,514
Avg Distance Raced	10.92 f	11.72 f	9.30 f	10.89 f	7.88 f
Avg Winning Distance	10.98 f	11.53 f	9.46 f	10.80 f	7.72 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CUTLASS BAY (UAE)	Horse	2006	Halling/Danzig	G1SW
CERTERACH (IRE)	Gelding	2008	Halling/Danehill	G2SW
GIOVANE IMPERATORE (GB)	Horse	1998	Halling/Chief's Crown	G2SW
EASTERN ARIA (UAE)	Mare	2006	Halling/Danzig	G2SW
BOSCOBEL (GB)	Horse	2004	Halling/Danzig	G2SW
HATTAN (IRE)	Horse	2002	Halling/Shaadi	G3SW
DONN HALLING (IRE)	Gelding	2008	Halling/Shaadi	G3SW
PARASOL (IRE)	Gelding	1999	Halling/Shaadi	SW
BAARIDD (GB)	Horse	1998	Halling/Dayjur	SW
SUSHI TUNA (GB)	Filly	2010	Halling/Danehill Dancer (IRE)	SW
MARINA PICCOLA (IRE)	Mare	2009	Halling/Desert Prince (IRE)	SW
QUEEN OF POLAND (GB)	Mare	2002	Halling/Danzig	SW
Age of Reason (UAE)	Gelding	2005	Halling/Danzig	G1SP
Halla San (GB)	Gelding	2002	Halling/Green Desert	SP
Polish Power (GER)	Horse	2000	Halling/Polish Precedent	SP

Pedigree and racing information provided by:





HYPOTHETICAL: Paynter -- Moonlight Cloud (GB)

Based on the cross of Awesome Again and his sons/Danzig and his sons and grandsons

<h1 style="margin: 0;">A</h1> <p style="margin: 0;">Variant = 3.17</p>
--

Hypothetical Foal	Paynter, 09 b	Awesome Again, 94 b	Deputy Minister, 79 dk b/	Vice Regent, 67 ch	Northern Dancer, 61 b
				Mint Copy, 70 dk b/	Victoria Regina, 58 ch
			Primal Force, 87 b	Blushing Groom (FR), 74 ch	Bunty's Flight, 53 dk b
				Prime Prospect, 78 b	Shakney, 64 dk b/
					Red God, 54 ch
		Tizso, 95 b	Cee's Tizzy, 87 gr/ro	Runaway Bride (GB), 62 b	
				Mr. Prospector, 70 b	
			Cee's Song, 86 dk b/	Relaunch, 76 gr	Square Generation, 69 ch
				Seattle Song, 81 dk b/	In Reality, 64 b
					Foggy Note, 65 gr
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Lyphard, 69 b	
				Seattle Slew, 74 dk b/	
			Rafha (GB), 87 b	Tizly, 81 b	Incantation, 65 dk b/
				=Kris (GB), 76 ch	Nice Dancer, 69 b
					Foreign Courier, 79 b
		=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Danzig, 77 b	Northern Dancer, 61 b
				Artaius, 74 b	
			=River Dancer (IRE), 83 b	Blushing Groom (FR), 74 ch	Pas de Nom, 68 dk b/
				Kings Lake, 78 b	Sir Ivor, 65 b
					Foreign Courier, 79 b
Wedding Bouquet (IRE), 87 b	Doff the Derby, 81 b	=Eljazzi, 81 b	Sharpen Up (GB), 69 ch		
			Doubly Sure (GB), 71 b		
	=Border Bounty (GB), 65 b	I Will Follow, 75 b	=Fish-Bar, 67 b	Artaius, 74 b	
				Nijinsky II, 67 b	*Fish-Bar, 67 b

Pedigree Statistics	
Coefficient of Relatedness: 1.95%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.65%	Unique Ancestors: 395/510

Dosage Information	
Dosage Profile: 1 5 7 1 0	
Dosage Index: 2.11	Center of Distribution: +0.43

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Paynter -- Moonlight Cloud (GB)**

Based on the cross of Awesome Again and his sons/Danzig and his sons and grandsons

A

Variant = 3.17

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	47	33	19
Additional Starters on Rated Cross	53	Yearlings	-	-	-	Winners	31	8	8
Total Starters	53	2YOs	-	-	-	SW	4	1	2

Sire		Broodmare Sire	
Sire Name	Paynter	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	77	42	35	2,411	32,202
Starters (% Foals of Racing Age)	53 (69%)	30 (71%)	23 (66%)	1,550 (64%)	21,513 (67%)
Winners (% Starters)	41 (77%)	25 (83%)	16 (70%)	1,099 (71%)	13,897 (65%)
SW (% Starters)	5 (9%)	4 (13%)	1 (4%)	115 (7%)	1,048 (5%)
Earnings	\$2,630,576	\$2,078,310	\$552,266	\$130,341,173	\$1,268,520,339
Avg Distance Raced	7.57 f	8.10 f	6.53 f	7.16 f	7.43 f
Avg Winning Distance	7.05 f	7.23 f	6.64 f	7.26 f	7.33 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
VENTANA	Horse	2006	Toccet/Polish Numbers	G2SW
UNITED COLOR	Horse	2009	Ghostzapper/Langfuhr	G3SW
EVERYDAY HEROES	Horse	2006	Awesome Again/Dayjur	G3SW
SUBSIDIZED	Mare	2007	Ghostzapper/Tilt the Stars	SW
ACES AGAIN	Gelding	2008	Ghostzapper/Danehill	SW
Gunton Road	Gelding	2009	Magoo's Magic/Langfuhr	SP
Gypsy Baron	Gelding	2009	Awesome Again/Sea Hero	Wnr
Majhood	Horse	2006	Awesome Again/War Chant	Wnr
Reprise	Gelding	2007	Awesome Again/Danzig	Wnr
Monsieur Julian	Horse	2001	Awesome Again/Dayjur	Wnr
Fantasma	Mare	2007	Ghostzapper/Sea Hero	Wnr
Round N Round	Mare	2007	Awesome Again/Lost Soldier	Wnr
Clothes Fall Off	Filly	2012	Daaher/Dayjur	Wnr
Reclusive	Filly	2010	Toccet/Danehill	Wnr
Renewing	Horse	2008	Awesome Again/Katowice	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Oxbow -- Moonlight Cloud (GB)

Based on the cross of Awesome Again and his sons/Danzig and his sons and grandsons

A
Variant = 3.17

Hypothetical Foal	Oxbow, 10 b	Awesome Again, 94 b	Deputy Minister, 79 dk b/	Vice Regent, 67 ch	Northern Dancer, 61 b
				Mint Copy, 70 dk b/	Victoria Regina, 58 ch
			Primal Force, 87 b	Blushing Groom (FR), 74 ch	Bunty's Flight, 53 dk b
				Prime Prospect, 78 b	Shakney, 64 dk b/
					Red God, 54 ch
		Tizamazing, 02 dk b/	Cee's Tizzy, 87 gr/ro	Runaway Bride (GB), 62 b	
				Mr. Prospector, 70 b	
			Cee's Song, 86 dk b/	Relaunch, 76 gr	Square Generation, 69 ch
				Tizly, 81 b	In Reality, 64 b
				Seattle Song, 81 dk b/	Foggy Note, 65 gr
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Lonely Dancer, 75 b	Lyphard, 69 b
				Danzig, 77 b	*Tizna, 69 b
			Rafha (GB), 87 b	Foreign Courier, 79 b	Seattle Slew, 74 dk b/
				=Kris (GB), 76 ch	Incantation, 65 dk b/
				=Eljazzi, 81 b	Nice Dancer, 69 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Sleep Lonely, 70 dk b/
				=River Dancer (IRE), 83 b	Northern Dancer, 61 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Pas de Nom, 68 dk b/
				Doff the Derby, 81 b	Artaius, 74 b
					Blushing Groom (FR), 74 ch

Pedigree Statistics	
Coefficient of Relatedness: 1.95%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.65%	Unique Ancestors: 395/510

Dosage Information	
Dosage Profile: 1 5 7 1 0	
Dosage Index: 2.11	Center of Distribution: +0.43

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information:** visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI:** Average Earnings Index; **AWD:** Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Oxbow -- Moonlight Cloud (GB)**

Based on the cross of Awesome Again and his sons/Danzig and his sons and grandsons

A

Variant = 3.17

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	53	Weanlings	-	-	-	Starters	47	33	19
Total Starters	53	Yearlings	-	-	-	Winners	31	8	8
		2YOs	-	-	-	SW	4	1	2

Sire		Broodmare Sire	
Sire Name	Oxbow	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	77	42	35	2,411	32,202
Starters (% Foals of Racing Age)	53 (69%)	30 (71%)	23 (66%)	1,550 (64%)	21,512 (67%)
Winners (% Starters)	41 (77%)	25 (83%)	16 (70%)	1,099 (71%)	13,897 (65%)
SW (% Starters)	5 (9%)	4 (13%)	1 (4%)	115 (7%)	1,048 (5%)
Earnings	\$2,630,576	\$2,078,310	\$552,266	\$130,341,173	\$1,268,520,339
Avg Distance Raced	7.57 f	8.10 f	6.53 f	7.16 f	7.43 f
Avg Winning Distance	7.05 f	7.23 f	6.64 f	7.26 f	7.33 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
VENTANA	Horse	2006	Toccet/Polish Numbers	G2SW
UNITED COLOR	Horse	2009	Ghostzapper/Langfuhr	G3SW
EVERYDAY HEROES	Horse	2006	Awesome Again/Dayjur	G3SW
SUBSIDIZED	Mare	2007	Ghostzapper/Tilt the Stars	SW
ACES AGAIN	Gelding	2008	Ghostzapper/Danehill	SW
Gunton Road	Gelding	2009	Magoo's Magic/Langfuhr	SP
Gypsy Baron	Gelding	2009	Awesome Again/Sea Hero	Wnr
Majhood	Horse	2006	Awesome Again/War Chant	Wnr
Reprise	Gelding	2007	Awesome Again/Danzig	Wnr
Monsieur Julian	Horse	2001	Awesome Again/Dayjur	Wnr
Fantasma	Mare	2007	Ghostzapper/Sea Hero	Wnr
Round N Round	Mare	2007	Awesome Again/Lost Soldier	Wnr
Clothes Fall Off	Filly	2012	Daaher/Dayjur	Wnr
Reclusive	Filly	2010	Toccet/Danehill	Wnr
Renewing	Horse	2008	Awesome Again/Katowice	Wnr

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HYPOTHETICAL: Lemon Drop Kid -- Moonlight Cloud (GB)
Based on the cross of Lemon Drop Kid/Danzig and his sons and grandsons

A

Variant = 2.89

Hypothetical Foal	Lemon Drop Kid, 96 b	Kingmambo, 90 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
				Gold Digger, 62 b	Raise You, 46 ch
			Miesque, 84 b	Nureyev, 77 b	Nashua, 52 b
				Pasadoble, 79 b	Sequence, 46 dk b
					Northern Dancer, 61 b
		Charming Lassie, 87 dk b/	Seattle Slew, 74 dk b/	Bold Reasoning, 68 dk b/	Boldnesian, 63 b
				My Charmer, 69 b	Reason to Earn, 63 b
			Lassie Dear, 74 b	Buckpasser, 63 b	Poker, 63 b
				Gay Missile, 67 b	Fair Charmer, 59 ch
					Tom Fool, 49 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
				Doff the Derby, 81 b	Blushing Groom (FR), 74 ch
					I Will Follow, 75 b

Pedigree Statistics

Coefficient of Relatedness: 0.88%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.61%	Unique Ancestors: 383/510

Dosage Information

Dosage Profile: 6 1 14 5 0	
Dosage Index: 1.17	Center of Distribution: +0.31

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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HYPOTHETICAL: Lemon Drop Kid -- Moonlight Cloud (GB)
Based on the cross of Lemon Drop Kid/Danzig and his sons and grandsons

A
Variant = 2.89

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	86	Weanlings	-	-	-	Starters	53	75	43
Total Starters	86	Yearlings	-	-	-	Winners	21	32	14
		2YOs	-	-	-	SW	4	7	2

Sire		Broodmare Sire	
Sire Name	Lemon Drop Kid	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.81	Broodmare Sire AEI	0.77
Progeny AWD	8.06 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Richard's Kid (\$2,482,259)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	120	48	72	854	36,282
Starters (% Foals of Racing Age)	86 (72%)	34 (71%)	52 (72%)	655 (77%)	24,002 (66%)
Winners (% Starters)	57 (66%)	22 (65%)	35 (67%)	464 (71%)	15,120 (63%)
SW (% Starters)	9 (10%)	3 (9%)	6 (12%)	64 (10%)	1,128 (5%)
Earnings	\$5,944,635	\$2,203,676	\$3,740,959	\$51,547,046	\$1,365,239,651
Avg Distance Raced	8.02 f	8.78 f	7.34 f	8.17 f	7.69 f
Avg Winning Distance	7.97 f	8.59 f	7.39 f	8.07 f	7.54 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CHRISTMAS KID	Mare	2004	Lemon Drop Kid/Green Desert	G1SW
KISS THE KID	Horse	2003	Lemon Drop Kid/Danzig	G3SW
AURELIA'S BELLE	Filly	2011	Lemon Drop Kid/Danzig	G3SW
ALPINE GARDEN	Mare	2004	Lemon Drop Kid/Danzig	G3SW
SEA QUEEN	Filly	2011	Lemon Drop Kid/Belong to Me	SW
LEMON KISS	Mare	2004	Lemon Drop Kid/Danzig	SW
SLEEPING INDIAN	Horse	2004	Lemon Drop Kid/Dove Hunt	SW
MR EDDIE BOY	Gelding	2004	Lemon Drop Kid/Danzig	SW
BASEMAH (FR)	Mare	2002	Lemon Drop Kid/Chief's Crown	SW
Drama Drama	Mare	2009	Lemon Drop Kid/Belong to Me	G2SP
Highball	Colt	2011	Lemon Drop Kid/Langfuhr	G3SP
Sense of Pride	Mare	2008	Lemon Drop Kid/Pine Bluff	SP
Vanishing	Mare	2009	Lemon Drop Kid/Danzig	SP
Lemon de Oro	Filly	2011	Lemon Drop Kid/Belong to Me	SP
Short Circuit	Horse	2003	Lemon Drop Kid/Danzig	SP

Pedigree and racing information provided by:



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HYPOTHETICAL: Malibu Moon -- Moonlight Cloud (GB)
 Based on the cross of Malibu Moon/Danzig and his sons and grandsons

A
 Variant = 2.85

Hypothetical Foal	Malibu Moon, 97 b	A.P. Indy, 89 dk b/	Seattle Slew, 74 dk b/	Bold Reasoning, 68 dk b/	Boldnesian, 63 b	
				My Charmer, 69 b	Reason to Earn, 63 b	
				Secretariat, 70 ch	Poker, 63 b	
			Weekend Surprise, 80 b	Lassie Dear, 74 b	Fair Charmer, 59 ch	
				Mr. Prospector, 70 b	Gold Digger, 62 b	Bold Ruler, 54 dk b
					Green Dancer, 72 b	Somethingroyal, 52 b
		Macoumba, 92 b	Maximova (FR), 80 b	Baracala, 72 ch	Buckpasser, 63 b	
				Green Desert, 83 b	Gay Missile, 67 b	
					Foreign Courier, 79 b	Native Dancer, 50 gr
			=Invincible Spirit (IRE), 97 b	Rafha (GB), 87 b	=Kris (GB), 76 ch	Raise You, 46 ch
					=Eljazzi, 81 b	Nashua, 52 b
				Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b
	=River Dancer (IRE), 83 b	Nijinsky II, 67 b				
	Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	*Green Valley II, 67 dk b/			
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Swaps, 52 ch	
				Foreign Courier, 79 b	Seximee, 66 ch	
				Foreign Courier, 79 b	Northern Dancer, 61 b	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Pas de Nom, 68 dk b/	
				=Eljazzi, 81 b	Sir Ivor, 65 b	
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/	
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Sharpen Up (GB), 69 ch	
				=River Dancer (IRE), 83 b	Doubly Sure (GB), 71 b	
				=River Dancer (IRE), 83 b	Artaius, 74 b	
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Doff the Derby, 81 b	=Border Bounty (GB), 65 b
Doff the Derby, 81 b					Blushing Groom (FR), 74 ch	
Doff the Derby, 81 b				I Will Follow, 75 b		

Pedigree Statistics	
Coefficient of Relatedness: 0.78%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.74%	Unique Ancestors: 367/510

Dosage Information	
Dosage Profile: 6 6 11 1 0	
Dosage Index: 2.69	Center of Distribution: +0.71

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Malibu Moon -- Moonlight Cloud (GB)**

Based on the cross of Malibu Moon/Danzig and his sons and grandsons

A

Variant = 2.85

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	44	28	14
Additional Starters on Rated Cross	51	Yearlings	-	-	-	Winners	29	5	4
Total Starters	51	2YOs	-	-	-	SW	4	1	-

Sire		Broodmare Sire	
Sire Name	Malibu Moon	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.72	Broodmare Sire AEI	0.77
Progeny AWD	7.05 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Orb (\$2,612,516)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	67	33	34	1,142	32,507
Starters (% Foals of Racing Age)	51 (76%)	24 (73%)	27 (79%)	860 (75%)	22,381 (69%)
Winners (% Starters)	35 (69%)	16 (67%)	19 (70%)	630 (73%)	14,494 (65%)
SW (% Starters)	5 (10%)	2 (8%)	3 (11%)	74 (9%)	1,099 (5%)
Earnings	\$4,038,341	\$2,048,776	\$1,989,565	\$67,111,852	\$1,352,290,193
Avg Distance Raced	7.08 f	7.13 f	7.04 f	7.09 f	7.61 f
Avg Winning Distance	7.20 f	7.31 f	7.09 f	7.04 f	7.45 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
RAW SILK	Mare	2005	Malibu Moon/Danehill	G2SW
OBRUCHEV	Horse	2009	Malibu Moon/Lost Soldier	SW
FRANK THE BARBER	Gelding	2004	Malibu Moon/Sea Hero	SW
PAYING OFF	Mare	2004	Malibu Moon/Be My Chief	SW
MARTHA'S MOON	Filly	2010	Malibu Moon/Danzig	SW
Big Lou	Mare	2005	Malibu Moon/Boundary	SP
Golden Artemis	Mare	2006	Malibu Moon/Dove Hunt	SP
Golden Debutante	Mare	2008	Malibu Moon/Slavic	SP
Athena's Bless	Mare	2008	Malibu Moon/Lure	Wnr
Bid a Moon	Mare	2008	Malibu Moon/Pine Bluff	Wnr
Malibu Skyline	Gelding	2008	Malibu Moon/Anabaa	Wnr
Indiana Moon	Gelding	2009	Malibu Moon/Danzig Connection	Wnr
Mysto's	Gelding	2002	Malibu Moon/Pine Bluff	Wnr
Celestial Diamond	Gelding	2006	Malibu Moon/Polish Numbers	Wnr
Moon Struck Nemi	Mare	2007	Malibu Moon/Chief's Crown	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Uncle Mo -- Moonlight Cloud (GB)

Based on the cross of Indian Charlie and his sons/Danzig and his sons and grandsons

A
Variant = 2.82

Hypothetical Foal	Uncle Mo, 08 b	Indian Charlie, 95 b	In Excess (IRE), 87 dk b/	Siberian Express, 81 gr	Caro (IRE), 67 gr	
				=Kantado, 76 b	Indian Call, 66 dk b/	
			Soviet Sojourn, 89 b	Leo Castelli, 84 b	=Saulingo (GB), 70 b	
				Political Parfait, 84 dk b/	=Vi, 60 ch	
					Sovereign Dancer, 75 b	Suspicious Native, 72 ch
		Playa Maya, 00 dk b/	Arch, 95 dk b/	Kris S., 77 dk b/	Diplomat Way, 64 b	
				Aurora, 88 b	Peach Butter, 77 b	
			Dixie Slippers, 95 dk b/	Dixieland Band, 80 b	Roberto, 69 b	
				Cyane's Slippers, 83 dk b/	Sharp Queen, 65 b	
					Northern Dancer, 61 b	Danzig, 77 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Althea, 81 ch	
				Foreign Courier, 79 b	Northern Dancer, 61 b	
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Pas de Nom, 68 dk b/	
				=Spectrum (IRE), 92 b	=Eljazzi, 81 b	Sir Ivor, 65 b
					Rainbow Quest, 81 b	Courtly Dee, 68 dk b/
		Ventura (IRE), 98 b	=River Dancer (IRE), 83 b	Kings Lake, 78 b	Sharpen Up (GB), 69 ch	
					Wedding Bouquet (IRE), 87 b	Doubly Sure (GB), 71 b
			Doff the Derby, 81 b	Do		Artaius, 74 b
						Do
			Blushing Groom (FR), 74 ch	I Will Follow, 75 b		
Irish River (FR), 76 ch	Dancing Shadow (IRE), 77 b					
Nijinsky II, 67 b	*Fish-Bar, 67 b					
Master Derby, 72 ch	Margarethen, 62 dk b					

Pedigree Statistics	
Coefficient of Relatedness: 1.95%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.90%	Unique Ancestors: 373/510

Dosage Information	
Dosage Profile: 0 1 2 1 0	
Dosage Index: 1.00	Center of Distribution: 0.00

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Uncle Mo -- Moonlight Cloud (GB)**

Based on the cross of Indian Charlie and his sons/Danzig and his sons and grandsons

A

Variant = 2.82

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	45	Weanlings	-	-	-	Starters	42	25	19
Total Starters	45	Yearlings	-	-	-	Winners	28	6	12
		2YOs	-	-	-	SW	4	1	-

Sire		Broodmare Sire	
Sire Name	Uncle Mo	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	61	30	31	1,655	20,844
Starters (% Foals of Racing Age)	45 (74%)	23 (77%)	22 (71%)	1,107 (67%)	14,233 (68%)
Winners (% Starters)	36 (80%)	17 (74%)	19 (86%)	772 (70%)	9,367 (66%)
SW (% Starters)	4 (9%)	2 (9%)	2 (9%)	81 (7%)	668 (5%)
Earnings	\$3,097,898	\$1,434,818	\$1,663,080	\$73,707,955	\$848,239,497
Avg Distance Raced	6.92 f	7.02 f	6.84 f	6.62 f	7.23 f
Avg Winning Distance	6.82 f	6.76 f	6.88 f	6.49 f	7.09 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CZECHERS	Mare	2005	Indian Charlie/Pine Bluff	SW
INDIAN WAY	Mare	2005	Indian Charlie/Ghazi	SW
MONUMENT	Gelding	2010	Cindago/Beautiful Crown	SW
RAMBLING RICHIE	Colt	2011	Lifestyle/Outflanker	SW
Uncle Sigh	Colt	2011	Indian Charlie/Pine Bluff	G3SP
Visavis	Mare	2007	Indian Charlie/Honor Grades	G3SP
Fightin Mean Mad	Filly	2010	Lifestyle/Outflanker	SP
Bella Traviata	Filly	2011	Indian Charlie/Danzig	SP
Vital Victory	Mare	2008	Bwana Charlie/Polish Numbers	Wnr
Firerock Base	Ridgling	2004	Indian Charlie/Boundary	Wnr
Cornpipe	Horse	2008	Indian Charlie/Deerhound	Wnr
Pow Wow Louise	Mare	2000	Indian Charlie/Danzig Connection	Wnr
Lady Charlie	Mare	2007	Indian Charlie/Chief's Crown	Wnr
Charlie's Picnic	Colt	2010	Indian Charlie/Ascot Knight	Wnr
Pelipa	Mare	2009	Indian Charlie/War Chant	Wnr

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HYPOTHETICAL: Henrythenavigator -- Moonlight Cloud (GB)

Based on the cross of Kingmambo and his sons/Green Desert and his sons and grandsons

A

Variant = 2.79

Hypothetical Foal	Henrythenavigator, 05 dk b/	Kingmambo, 90 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
					Raise You, 46 ch
			Gold Digger, 62 b	Nashua, 52 b	
				Sequence, 46 dk b	
			Nureyev, 77 b	Northern Dancer, 61 b	
		Pasadoble, 79 b	Special, 69 b		
		Sequoyah (IRE), 98 b	Sadler's Wells, 81 b	Northern Dancer, 61 b	Prove Out, 69 ch
				Fairy Bridge, 75 b	*Santa Quilla, 70 dk b/
			Brigid, 91 ch	Irish River (FR), 76 ch	Nearctic, 54 br
				Luv Luvin', 77 ch	Natalma, 57 b
				Bold Reason, 68 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Special, 69 b
				Foreign Courier, 79 b	Riverman, 69 b
			Rafha (GB), 87 b	=Kris (GB), 76 ch	=Irish Star, 60 b
				=Eljazzi, 81 b	Raise a Native, 61 ch
					Ringing Bells, 71 b
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Northern Dancer, 61 b
				=River Dancer (IRE), 83 b	Pas de Nom, 68 dk b/
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
Doff the Derby, 81 b				Sharpen Up (GB), 69 ch	
		Doubly Sure (GB), 71 b			
		Artaius, 74 b			
		=Border Bounty (GB), 65 b			
		Rainbow Quest, 81 b	Blushing Groom (FR), 74 ch		
		=River Dancer (IRE), 83 b	I Will Follow, 75 b		
		Kings Lake, 78 b	Irish River (FR), 76 ch		
		Doff the Derby, 81 b	Dancing Shadow (IRE), 77 b		
			Nijinsky II, 67 b		
			*Fish-Bar, 67 b		
			Master Derby, 72 ch		
			Margarethen, 62 dk b		

Pedigree Statistics

Coefficient of Relatedness: 2.64%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.77%	Unique Ancestors: 353/510

Dosage Information

Dosage Profile: 5 1 13 7 0	
Dosage Index: 0.93	Center of Distribution: +0.15

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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**HYPOTHETICAL: Henrythenavigator -- Moonlight Cloud (GB)**

Based on the cross of Kingmambo and his sons/Green Desert and his sons and grandsons

A

Variant = 2.79

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	25	113	54
Additional Starters on Rated Cross	120	Yearlings	-	-	-	Winners	14	61	20
Total Starters	120	2YOs	-	-	-	SW	1	8	1

Sire		Broodmare Sire	
Sire Name	Henrythenavigator	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.02	Broodmare Sire AEI	0.77
Progeny AWD	6.95 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	George Vancouver (\$700,282)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	194	105	89	14,088	9,391
Starters (% Foals of Racing Age)	120 (62%)	72 (69%)	48 (54%)	9,362 (66%)	5,612 (60%)
Winners (% Starters)	78 (65%)	50 (69%)	28 (58%)	5,490 (59%)	3,173 (57%)
SW (% Starters)	8 (7%)	6 (8%)	2 (4%)	393 (4%)	214 (4%)
Earnings	\$7,118,840	\$5,661,604	\$1,457,236	\$733,480,958	\$227,059,894
Avg Distance Raced	8.47 f	8.84 f	7.54 f	7.97 f	7.79 f
Avg Winning Distance	8.61 f	9.03 f	7.38 f	7.96 f	7.58 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CHRISTMAS KID	Mare	2004	Lemon Drop Kid/Green Desert	G1SW
SUDIRMAN	Colt	2011	Henrythenavigator/Desert Style (IRE)	G1SW
FAMILY ONE (FR)	Gelding	2009	Dubai Destination/Desert Style (IRE)	G2SW
VOODOO PRINCE (GB)	Gelding	2008	Kingmambo/Cape Cross (IRE)	G3SW
GENGIS (FR)	Colt	2010	King's Best/Green Desert	G3SW
CHINESE MANDARIN	Horse	2003	Kingmambo/Green Desert	G3SW
WARRIOR WITHIN (AUS)	Gelding	2005	King Cugat/Volksraad (GB)	SW
MAID FOR MUSIC (IRE)	Mare	2006	Dubai Destination/Green Desert	SW
Dubai Time (GB)	Gelding	2005	Dubai Destination/Green Desert	G3SP
Creekside (GB)	Gelding	2008	Dubai Destination/Green Desert	G3SP
Merchant of Dubai (GB)	Gelding	2005	Dubai Destination/Green Desert	SP
Grace of Dubai (FR)	Mare	2009	Dubai Destination/Desert Prince (IRE)	SP
Shadow Party (IRE)	Horse	2009	King's Best/Desert Prince (IRE)	Wnr
Mejiro Sanno (JPN)	Horse	2008	King Kamehameha (JPN)/Green Desert	Wnr
Rainbow Seeker (GB)	Gelding	2006	Dubai Destination/Desert Style (IRE)	Wnr

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HYPOTHETICAL: Orb -- Moonlight Cloud (GB)

Based on the cross of Malibu Moon and his sons/Danzig and his sons and grandsons

A

Variant = 2.60

Hypothetical Foal	Orb, 10 b	Malibu Moon, 97 b	A.P. Indy, 89 dk b/	Seattle Slew, 74 dk b/	Bold Reasoning, 68 dk b/	
				Weekend Surprise, 80 b	My Charmer, 69 b	
			Macoumba, 92 b	Mr. Prospector, 70 b	Secretariat, 70 ch	
				Maximova (FR), 80 b	Lassie Dear, 74 b	
					Raise a Native, 61 ch	
		Lady Liberty, 99 b	Unbridled, 87 b	Fappiano, 77 b	Gold Digger, 62 b	
					Green Dancer, 72 b	
			Mesabi Maiden, 93 b	Gana Facil, 81 ch	Baracala, 72 ch	
					Mr. Prospector, 70 b	
				Steel Maiden, 83 gr	Killaloe, 70 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Mr. Prospector, 70 b		
				Foreign Courier, 79 b		
			Rafha (GB), 87 b	*Le Fabuleux, 61 ch		
				=Kris (GB), 76 ch	Charedi, 76 dk b/	
				=Eljazzi, 81 b	Best Turn, 66 dk b/	
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Our Martha, 61 ch	
					Blushing Groom (FR), 74 ch	
			Wedding Bouquet (IRE), 87 b	=River Dancer (IRE), 83 b	Kings Lake, 78 b	Damascus, 64 b
						Foreign Courier, 79 b
				Doff the Derby, 81 b	Laughter, 70 gr	
			Northern Dancer, 61 b			
			Pas de Nom, 68 dk b/			
			Sir Ivor, 65 b			
			Courtly Dee, 68 dk b/			
			Sharpen Up (GB), 69 ch			
			Doubly Sure (GB), 71 b			
			Artaius, 74 b			
			=Border Bounty (GB), 65 b			
			I Will Follow, 75 b			
			Irish River (FR), 76 ch			
			Dancing Shadow (IRE), 77 b			
			Nijinsky II, 67 b			
			*Fish-Bar, 67 b			
			Master Derby, 72 ch			
			Margarethen, 62 dk b			

Pedigree Statistics

Coefficient of Relatedness: 0.20%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.22%	Unique Ancestors: 374/510

Dosage Information

Dosage Profile: 4 6 7 1 0	
Dosage Index: 3.00	Center of Distribution: +0.72

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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**HYPOTHETICAL: Orb -- Moonlight Cloud (GB)**

Based on the cross of Malibu Moon and his sons/Danzig and his sons and grandsons

A

Variant = 2.60

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	54	Weanlings	-	-	-	Starters	47	28	14
Total Starters	54	Yearlings	-	-	-	Winners	30	5	4
		2YOs	-	-	-	SW	4	1	-

Sire		Broodmare Sire	
Sire Name	Orb	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	71	35	36	1,195	32,503
Starters (% Foals of Racing Age)	54 (76%)	25 (71%)	29 (81%)	877 (73%)	22,378 (69%)
Winners (% Starters)	36 (67%)	16 (64%)	20 (69%)	641 (73%)	14,493 (65%)
SW (% Starters)	5 (9%)	2 (8%)	3 (10%)	74 (8%)	1,099 (5%)
Earnings	\$4,051,790	\$2,048,926	\$2,002,864	\$67,512,049	\$1,352,276,744
Avg Distance Raced	7.06 f	7.11 f	7.01 f	7.09 f	7.61 f
Avg Winning Distance	7.18 f	7.31 f	7.06 f	7.03 f	7.45 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
RAW SILK	Mare	2005	Malibu Moon/Danehill	G2SW
OBRUCHEV	Horse	2009	Malibu Moon/Lost Soldier	SW
FRANK THE BARBER	Gelding	2004	Malibu Moon/Sea Hero	SW
PAYING OFF	Mare	2004	Malibu Moon/Be My Chief	SW
MARTHA'S MOON	Filly	2010	Malibu Moon/Danzig	SW
Big Lou	Mare	2005	Malibu Moon/Boundary	SP
Golden Artemis	Mare	2006	Malibu Moon/Dove Hunt	SP
Golden Debutante	Mare	2008	Malibu Moon/Slavic	SP
Athena's Bless	Mare	2008	Malibu Moon/Lure	Wnr
Bid a Moon	Mare	2008	Malibu Moon/Pine Bluff	Wnr
Malibu Skyline	Gelding	2008	Malibu Moon/Anabaa	Wnr
Indiana Moon	Gelding	2009	Malibu Moon/Danzig Connection	Wnr
Mysto's	Gelding	2002	Malibu Moon/Pine Bluff	Wnr
Celestial Diamond	Gelding	2006	Malibu Moon/Polish Numbers	Wnr
Moon Struck Nemi	Mare	2007	Malibu Moon/Chief's Crown	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Fort Larned -- Moonlight Cloud (GB)
Based on the cross of E Dubai and his sons/Danzig and his sons and grandsons

A

Variant = 2.55

Hypothetical Foal	Fort Larned, 08 b	E Dubai, 98 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr		
					Raise You, 46 ch		
			Gold Digger, 62 b	Nashua, 52 b			
				Sequence, 46 dk b			
			Lord At War (ARG), 80 ch	General (FR), 74 dk b/ =Luna de Miel, 74 ch			
			Right Word, 82 b	Verbatim, 65 dk b/ Oratorio, 74 b			
		Arlucea, 97 b	Broad Brush, 83 b	Ack Ack, 66 b	Battle Joined, 59 b Fast Turn, 59 b		
				Hay Patcher, 73 b	Hoist the Flag, 68 b Turn to Talent, 63 b		
			Bayakoa (ARG), 84 b	Consultant's Bid, 77 b	Bold Bidder, 62 b Fleet Judy, 63 b		
				Arlucea (ARG), 74 b	Good Manners, 66 b =Izarra, 64 ch		
			Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b Pas de Nom, 68 dk b/ Sir Ivor, 65 b
						Foreign Courier, 79 b	Courtly Dee, 68 dk b/ Sharpen Up (GB), 69 ch
	Rafha (GB), 87 b	=Kris (GB), 76 ch =Eljazzi, 81 b			Doubly Sure (GB), 71 b Artaius, 74 b =Border Bounty (GB), 65 b		
	Ventura (IRE), 98 b	=Spectrum (IRE), 92 b		Rainbow Quest, 81 b	Blushing Groom (FR), 74 ch I Will Follow, 75 b		
				=River Dancer (IRE), 83 b	Irish River (FR), 76 ch Dancing Shadow (IRE), 77 b		
		Wedding Bouquet (IRE), 87 b		Kings Lake, 78 b	Nijinsky II, 67 b *Fish-Bar, 67 b		
		Doff the Derby, 81 b	Master Derby, 72 ch Margarethen, 62 dk b				

Pedigree Statistics

Coefficient of Relatedness: 0.00%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.14%	Unique Ancestors: 398/510

Dosage Information

Dosage Profile: 4 4 7 1 0	
Dosage Index: 2.56	Center of Distribution: +0.69

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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**HYPOTHETICAL: Fort Larned -- Moonlight Cloud (GB)**

Based on the cross of E Dubai and his sons/Danzig and his sons and grandsons

A

Variant = 2.55

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	77	Weanlings	-	-	-	Starters	52	65	33
Total Starters	77	Yearlings	-	-	-	Winners	37	35	11
		2YOs	-	-	-	SW	2	2	1

Sire		Broodmare Sire	
Sire Name	Fort Larned	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	-	Broodmare Sire AEI	0.77
Progeny AWD	-	Progeny AWD as BM Sire	7.23 f
Chief Earner	-	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	111	54	57	882	39,122
Starters (% Foals of Racing Age)	77 (69%)	44 (81%)	33 (58%)	577 (65%)	24,889 (64%)
Winners (% Starters)	63 (82%)	36 (82%)	27 (82%)	417 (72%)	15,662 (63%)
SW (% Starters)	5 (6%)	2 (5%)	3 (9%)	23 (4%)	1,104 (4%)
Earnings	\$5,085,463	\$2,966,488	\$2,118,975	\$35,063,906	\$1,393,843,978
Avg Distance Raced	6.70 f	6.79 f	6.53 f	6.83 f	7.30 f
Avg Winning Distance	6.92 f	7.00 f	6.81 f	6.84 f	7.20 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
EGO (NZ)	Horse	2005	E Dubai/Redoute's Choice (AUS)	G2SW
DUBAI DISTINCTION	Gelding	2005	E Dubai/Dayjur	SW
WHAT A PEAR	Mare	2006	E Dubai/Pine Bluff	SW
CASCADILLA FALLS	Mare	2008	E Dubai/Langfuhr	SW
TREADMILL	Mare	2005	E Dubai/Langfuhr	SW
Port of Dubai (SAF)	Gelding	2005	E Dubai/Danzig	G2SP
Glamour Guy	Horse	2004	E Dubai/Danzig Connection	G3SP
Elusive Fox	Gelding	2004	E Dubai/Foxhound	SP
E Valentino	Gelding	2009	E Dubai/Katowice	SP
Affable Amy	Mare	2009	E Dubai/Langfuhr	SP
Diamond District	Gelding	2005	E Dubai/Belong to Me	Wnr
Vigilante Law	Gelding	2006	E Dubai/Danzig	Wnr
E. Judith	Mare	2005	E Dubai/Boundary	Wnr
Dubai's Connection	Mare	2005	E Dubai/Danzig Connection	Wnr
Lookin' Foxy	Mare	2006	E Dubai/Polish Numbers	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: Street Sense -- Moonlight Cloud (GB)
Based on the cross of Street Sense/Danzig and his sons and grandsons

B+
Variant = 2.49

Hypothetical Foal	Street Sense, 04 dk b/	Street Cry (IRE), 98 dk b/	Machiavellian, 87 dk b/	Mr. Prospector, 70 b	Raise a Native, 61 ch	
				Coup de Folie, 82 b	Gold Digger, 62 b	
			Helen Street (GB), 82 b	=Troy (GB), 76 b	=Petingo (GB), 65 b	
				=Waterway (FR), 76 ch	=La Milo (GB), 63 ch	
			Bedazzle, 97 b	Dixieland Band, 80 b	Northern Dancer, 61 b	Riverman, 69 b
					Mississippi Mud, 73 b	=Boulevard (IRE), 68 ch
		Majestic Legend, 85 b		His Majesty, 68 b	Nearctic, 54 br	
				Long Legend, 78 ch	Natalma, 57 b	
		Moonlight Cloud (GB), 08 b		=Invincible Spirit (IRE), 97 b	Danzig, 77 b	Delta Judge, 60 dk b/
					Foreign Courier, 79 b	Sand Buggy, 63 dk b/
			=Kris (GB), 76 ch		*Ribot, 52 b	
			Ventura (IRE), 98 b	Rafha (GB), 87 b	=Eljazzi, 81 b	Flower Bowl, 52 b
	=Spectrum (IRE), 92 b				Reviewer, 66 b	
	Wedding Bouquet (IRE), 87 b			Rainbow Quest, 81 b	Lianga, 71 gr	
			=River Dancer (IRE), 83 b	Northern Dancer, 61 b		
			Kings Lake, 78 b	Pas de Nom, 68 dk b/		
			Doff the Derby, 81 b	Sir Ivor, 65 b		
				Courtly Dee, 68 dk b/		
				Sharpen Up (GB), 69 ch		
				Doubly Sure (GB), 71 b		
				Artaius, 74 b		
				=Border Bounty (GB), 65 b		
				Blushing Groom (FR), 74 ch		
				I Will Follow, 75 b		
			Irish River (FR), 76 ch			
			Dancing Shadow (IRE), 77 b			
			Nijinsky II, 67 b			
			*Fish-Bar, 67 b			
			Master Derby, 72 ch			
			Margarethen, 62 dk b			

Pedigree Statistics	
Coefficient of Relatedness: 1.66%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.00%	Unique Ancestors: 366/510

Dosage Information	
Dosage Profile: 2 1 6 1 0	
Dosage Index: 1.50	Center of Distribution: +0.40

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: Street Sense -- Moonlight Cloud (GB)
Based on the cross of Street Sense/Danzig and his sons and grandsons

B+
Variant = 2.49

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	79	Weanlings	-	-	-	Starters	16	77	23
Total Starters	79	Yearlings	1	\$50,936	\$50,936	Winners	9	31	6
		2YOs	-	-	-	SW	1	5	-

Sire		Broodmare Sire	
Sire Name	Street Sense	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.67	Broodmare Sire AEI	0.77
Progeny AWD	7.09 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Sweet Reason (\$1,423,000)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	156	78	78	521	50,131
Starters (% Foals of Racing Age)	79 (51%)	42 (54%)	37 (47%)	320 (61%)	31,264 (62%)
Winners (% Starters)	42 (53%)	24 (57%)	18 (49%)	207 (65%)	19,271 (62%)
SW (% Starters)	6 (8%)	3 (7%)	3 (8%)	18 (6%)	1,397 (4%)
Earnings	\$4,232,677	\$2,491,223	\$1,741,454	\$19,644,241	\$1,677,952,086
Avg Distance Raced	6.93 f	7.26 f	6.37 f	7.18 f	7.56 f
Avg Winning Distance	6.56 f	7.02 f	5.97 f	7.20 f	7.42 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
HALLOWED CROWN (AUS)	Colt	2011	Street Sense/Danehill	G1SW
POLITENESS (AUS)	Filly	2010	Street Sense/Commands (AUS)	G3SW
MOTOR CITY	Gelding	2009	Street Sense/Danzig Connection	G3SW
SENSIBLE LADY	Mare	2009	Street Sense/Bianconi	SW
HARD STRIDE (AUS)	Gelding	2010	Street Sense/Marroof	SW
COURTESAN	Filly	2011	Street Sense/Boundary	SW
Tower of Texas	Colt	2011	Street Sense/Danzig Connection	SP
Sense of Reality	Filly	2010	Street Sense/Ascot Knight	SP
Hugin (AUS)	Filly	2010	Street Sense/Flying Spur (AUS)	Wnr
Global Express	Colt	2010	Street Sense/Danzig	Wnr
Eclair Sensation (AUS)	Gelding	2009	Street Sense/Danehill	Wnr
Upkeep	Horse	2009	Street Sense/Danehill	Wnr
Lofty Ambition (AUS)	Gelding	2010	Street Sense/Commands (AUS)	Wnr
Mottled (AUS)	Gelding	2009	Street Sense/Redoute's Choice (AUS)	Wnr
Horseshoe Hill	Mare	2009	Street Sense/Danzig	Wnr

Pedigree and racing information provided by:





HYPOTHETICAL: =Redoute's Choice (AUS) -- Moonlight Cloud (GB)
 Based on the cross of Redoute's Choice (AUS)/Danzig and his sons and grandsons

B+
 Variant = 2.46

Hypothetical Foal	=Redoute's Choice (AUS), 96 b	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br
				Pas de Nom, 68 dk b/	Natalma, 57 b
			Razyana, 81 b	His Majesty, 68 b	Admiral's Voyage, 59 dk b/
				Spring Adieu, 74 b	*Petitioner, 52 b
					*Ribot, 52 b
		=Shantha's Choice (AUS), 92 b	=Canny Lad (AUS), 87 br	=Bletchingly (AUS), 70 br	=Biscay (AUS), 65 ch
				=Jesmond Lass (AUS), 75 ch	=Coogee (GB), 59 b
			Dancing Show, 83 b	Nijinsky II, 67 b	=Lunchtime (GB), 70 ch
				Show Lady, 76 b	=Beautiful Dreamer (AUS), 67 gr
					Northern Dancer, 61 b
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	Danzig, 77 b	Northern Dancer, 61 b
				Foreign Courier, 79 b	Pas de Nom, 68 dk b/
			Rafha (GB), 87 b	=Kris (GB), 76 ch	Sir Ivor, 65 b
				=Eljazzi, 81 b	Courtly Dee, 68 dk b/
					Sharpen Up (GB), 69 ch
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b
				=River Dancer (IRE), 83 b	Artaius, 74 b
			Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	=Border Bounty (GB), 65 b
				Doff the Derby, 81 b	Nijinsky II, 67 b
					*Fish-Bar, 67 b

Pedigree Statistics	
Coefficient of Relatedness: 5.27%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 3.49%	Unique Ancestors: 350/510

Dosage Information	
Dosage Profile: 1 3 8 2 0	
Dosage Index: 1.33	Center of Distribution: +0.21

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Redoute's Choice (AUS) -- Moonlight Cloud (GB)
 Based on the cross of Redoute's Choice (AUS)/Danzig and his sons and grandsons

B+
 Variant = 2.46

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	-	Weanlings	-	-	-	Starters	1	28	6
Additional Starters on Rated Cross	28	Yearlings	-	-	-	Winners	1	19	2
Total Starters	28	2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Redoute's Choice (AUS)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.85	Broodmare Sire AEI	0.77
Progeny AWD	7.02 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Miss Finland (AUS) (\$3,549,188)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	57	28	29	1,344	24,492
Starters (% Foals of Racing Age)	28 (49%)	14 (50%)	14 (48%)	941 (70%)	15,434 (63%)
Winners (% Starters)	21 (75%)	12 (86%)	9 (64%)	718 (76%)	9,179 (59%)
SW (% Starters)	3 (11%)	-	3 (21%)	116 (12%)	587 (4%)
Earnings	\$2,203,754	\$1,415,712	\$788,042	\$91,684,601	\$717,477,818
Avg Distance Raced	6.85 f	7.04 f	6.48 f	7.22 f	7.74 f
Avg Winning Distance	6.38 f	6.38 f	6.37 f	7.05 f	7.59 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
TANGO'S DAUGHTER (AUS)	Filly	2010	Redoute's Choice (AUS)/Anabaa	G2SW
RARE DIAMOND (AUS)	Mare	2005	Redoute's Choice (AUS)/Polish Laughter	SW
COME HITHER (AUS)	Mare	2006	Redoute's Choice (AUS)/Anabaa	SW
Renewed Vitality (AUS)	Gelding	2007	Redoute's Choice (AUS)/Green Desert	G3SP
Limehills (AUS)	Colt	2011	Redoute's Choice (AUS)/Volksraad (GB)	SP
Supreme Class (AUS)	Horse	2002	Redoute's Choice (AUS)/Snaadee	Wnr
Sikka (AUS)	Gelding	2006	Redoute's Choice (AUS)/Lure	Wnr
I'm Ruthless (AUS)	Gelding	2005	Redoute's Choice (AUS)/Belong to Me	Wnr
Halleys (AUS)	Mare	2005	Redoute's Choice (AUS)/Marroof	Wnr
Barbados (AUS)	Horse	2008	Redoute's Choice (AUS)/Anabaa	Wnr
Nina From Pasadena (AUS)	Mare	2006	Redoute's Choice (AUS)/Green Desert	Wnr
Costa Smeralda (AUS)	Gelding	2002	Redoute's Choice (AUS)/Polish Patriot	Wnr
Hazeration (AUS)	Gelding	2003	Redoute's Choice (AUS)/Polish Patriot	Wnr
Cute Bear (AUS)	Horse	2004	Redoute's Choice (AUS)/Chief's Crown	Wnr
Brand New Choice (AUS)	Filly	2010	Redoute's Choice (AUS)/Anabaa	Wnr

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HYPOTHETICAL: Curlin -- Moonlight Cloud (GB)
 Based on the cross of Curlin/Danzig and his sons and grandsons

B+
 Variant = 2.36

Hypothetical Foal	Curlin, 04 ch	Smart Strike, 92 b	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr
					Raise You, 46 ch
				Gold Digger, 62 b	Nashua, 52 b
			Classy 'n Smart, 81 b	Smarten, 76 dk b/	Sequence, 46 dk b
					Cyane, 59 b
				No Class, 74 b	Smartaire, 62 dk b/
		Sherriff's Deputy, 94 b	Deputy Minister, 79 dk b/		Nodouble, 65 ch
					Classy Quillo, 69 dk b/
				Vice Regent, 67 ch	Northern Dancer, 61 b
			Barbarika, 85 b	Mint Copy, 70 dk b/	Victoria Regina, 58 ch
					Bunty's Flight, 53 dk b
				Bates Motel, 79 b	Shakney, 64 dk b/
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Green Desert, 83 b	War Exchange, 72 gr	Sir Ivor, 65 b
					Sunday Purchase, 70 ch
				Danzig, 77 b	Wise Exchange, 65 gr
			Rafha (GB), 87 b	Foreign Courier, 79 b	Jungle War, 64 dk b/
					Northern Dancer, 61 b
				=Kris (GB), 76 ch	Pas de Nom, 68 dk b/
		Ventura (IRE), 98 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Sir Ivor, 65 b
					Courtly Dee, 68 dk b/
				=River Dancer (IRE), 83 b	Sharpen Up (GB), 69 ch
			Wedding Bouquet (IRE), 87 b		Doubly Sure (GB), 71 b
				Kings Lake, 78 b	Artaius, 74 b
				Doff the Derby, 81 b	=Border Bounty (GB), 65 b

Pedigree Statistics	
Coefficient of Relatedness: 0.98%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.44%	Unique Ancestors: 400/510

Dosage Information	
Dosage Profile: 4 5 8 1 0	
Dosage Index: 2.60	Center of Distribution: +0.67

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



**HYPOTHETICAL: Curlin -- Moonlight Cloud (GB)**

Based on the cross of Curlin/Danzig and his sons and grandsons

B+

Variant = 2.36

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	25	Weanlings	-	-	-	Starters	20	16	9
Total Starters	25	Yearlings	-	-	-	Winners	12	4	2
		2YOs	-	-	-	SW	2	-	-

Sire		Broodmare Sire	
Sire Name	Curlin	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	2.08	Broodmare Sire AEI	0.77
Progeny AWD	7.59 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Palace Malice (\$2,676,135)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	47	20	27	278	26,863
Starters (% Foals of Racing Age)	25 (53%)	12 (60%)	13 (48%)	163 (59%)	18,241 (68%)
Winners (% Starters)	15 (60%)	8 (67%)	7 (54%)	100 (61%)	11,795 (65%)
SW (% Starters)	2 (8%)	1 (8%)	1 (8%)	11 (7%)	919 (5%)
Earnings	\$1,168,520	\$544,340	\$624,180	\$12,576,347	\$1,122,652,620
Avg Distance Raced	7.47 f	7.63 f	7.29 f	7.56 f	7.46 f
Avg Winning Distance	7.57 f	7.33 f	7.81 f	7.60 f	7.35 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
BOLD CURLIN	Gelding	2010	Curlin/Ascot Knight	SW
PLEASE EXPLAIN	Filly	2011	Curlin/Pine Bluff	SW
Keening	Filly	2010	Curlin/War Chant	Wnr
Smart Number	Filly	2011	Curlin/Polish Numbers	Wnr
Waynesborough	Gelding	2010	Curlin/Polish Numbers	Wnr
Curlin N Twirlin	Filly	2010	Curlin/Pine Bluff	Wnr
Old Baldy (JPN)	Colt	2011	Curlin/Exchange Rate	Wnr
Calamondin	Gelding	2010	Curlin/Bianconi	Wnr
Curlin's Kid	Gelding	2011	Curlin/Dayjur	Wnr
Une Cherise	Filly	2011	Curlin/Honor Grades	Wnr
Fairness	Filly	2010	Curlin/War Chant	Wnr
Sheriff Curly	Colt	2011	Curlin/Partner's Hero	Wnr
Starfire Mist	Filly	2010	Curlin/Lucky Roberto	Wnr
D' Pretender	Colt	2011	Curlin/Sea Hero	Wnr
Devcalion	Colt	2011	Curlin/Belong to Me	Wnr

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HYPOTHETICAL: =Tamayuz (GB) -- Moonlight Cloud (GB)
 Based on the cross of Tamayuz (GB)/Danzig and his sons and grandsons

B+
 Variant = 2.09

Hypothetical Foal	=Tamayuz (GB), 05 ch	Nayef, 98 b	Gulch, 84 b	Mr. Prospector, 70 b	Raise a Native, 61 ch				
				Jameela, 76 dk b/	Gold Digger, 62 b				
			Height of Fashion (FR), 79 b	=Bustino (GB), 71 b	Rambunctious, 60 b				
				Highclere (GB), 71 b	Asbury Mary, 69 b				
				Northern Dancer, 61 b	=Busted (GB), 63 b				
		Special, 69 b	=Ship Yard (GB), 63 ch						
		=Al Ishq (FR), 97 ch	Nureyev, 77 b	Riverman, 69 b	Allegretta (GB), 78 ch	=Queen's Hussar (GB), 60 b			
						Never Bend, 60 dk b			
			Allez Les Trois, 91 ch	Green Desert, 83 b	Foreign Courier, 79 b	=Kris (GB), 76 ch	River Lady, 63 b		
							Rafha (GB), 87 b	=Lombard (GER), 67 ch	
	=Eljazzi, 81 b						=Anatevka (GER), 69 ch		
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Danzig, 77 b	Rainbow Quest, 81 b	Northern Dancer, 61 b				
					Foreign Courier, 79 b	Pas de Nom, 68 dk b/			
			Spectrum (IRE), 92 b	=River Dancer (IRE), 83 b	Sir Ivor, 65 b				
					Wedding Bouquet (IRE), 87 b	Kings Lake, 78 b	Courtly Dee, 68 dk b/		
							Doff the Derby, 81 b	Sharpen Up (GB), 69 ch	
		Ventura (IRE), 98 b	Rafha (GB), 87 b	=Spectrum (IRE), 92 b	Rainbow Quest, 81 b	Doubly Sure (GB), 71 b			
						Green Desert, 83 b	Foreign Courier, 79 b	=Kris (GB), 76 ch	Artaius, 74 b
			Danzig, 77 b	Rainbow Quest, 81 b	=Eljazzi, 81 b				=Border Bounty (GB), 65 b
									Nureyev, 77 b
Allez Les Trois, 91 ch			Green Desert, 83 b	Foreign Courier, 79 b	=Kris (GB), 76 ch	I Will Follow, 75 b			
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b				Danzig, 77 b	Rainbow Quest, 81 b	Irish River (FR), 76 ch	
Ventura (IRE), 98 b			Spectrum (IRE), 92 b	=River Dancer (IRE), 83 b	Rainbow Quest, 81 b			Dancing Shadow (IRE), 77 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b				Danzig, 77 b	Rainbow Quest, 81 b	Nijinsky II, 67 b	
Ventura (IRE), 98 b			Spectrum (IRE), 92 b	=River Dancer (IRE), 83 b	Rainbow Quest, 81 b			*Fish-Bar, 67 b	
	Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b				Danzig, 77 b	Rainbow Quest, 81 b	Master Derby, 72 ch	
Ventura (IRE), 98 b			Spectrum (IRE), 92 b	=River Dancer (IRE), 83 b	Rainbow Quest, 81 b			Margarethen, 62 dk b	

Pedigree Statistics	
Coefficient of Relatedness: 1.76%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.88%	Unique Ancestors: 378/510

Dosage Information	
Dosage Profile: 2 2 9 1 0	
Dosage Index: 1.55	Center of Distribution: +0.36

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Tamayuz (GB) -- Moonlight Cloud (GB)

Based on the cross of Tamayuz (GB)/Danzig and his sons and grandsons

B+

Variant = 2.09

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	1	Weanlings	-	-	-	Starters	-	25	18
Additional Starters on Rated Cross	25	Yearlings	2	\$10,332	\$10,332	Winners	-	11	6
Total Starters	26	2YOs	-	-	-	SW	-	2	-

Sire		Broodmare Sire	
Sire Name	=Tamayuz (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.09	Broodmare Sire AEI	0.77
Progeny AWD	8.07 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Meiner Eternel (IRE) (\$1,052,108)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	34	14	20	117	24,187
Starters (% Foals of Racing Age)	26 (76%)	12 (86%)	14 (70%)	87 (74%)	15,996 (66%)
Winners (% Starters)	14 (54%)	7 (58%)	7 (50%)	51 (59%)	9,905 (62%)
SW (% Starters)	2 (8%)	-	2 (14%)	6 (7%)	805 (5%)
Earnings	\$760,302	\$251,842	\$508,460	\$3,135,682	\$992,458,210
Avg Distance Raced	7.66 f	8.00 f	7.18 f	8.36 f	8.01 f
Avg Winning Distance	7.54 f	7.60 f	7.48 f	8.24 f	7.84 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
THAWAANY (IRE)	Filly	2010	Tamayuz (GB)/Desert King (IRE)	G3SW
BEST REGARDS (IRE)	Filly	2010	Tamayuz (GB)/Green Desert	SW
Fadhayyil (IRE)	Filly	2012	Tamayuz (GB)/Daneshill Dancer (IRE)	G2SP
Tupi (IRE)	Colt	2012	Tamayuz (GB)/Rakti (GB)	G2SP
Jally (IRE)	Gelding	2011	Tamayuz (GB)/Daneshill Dancer (IRE)	G3SP
Reyaadah (GB)	Filly	2010	Tamayuz (GB)/Green Desert	G3SP
Quinta Verde (IRE)	Filly	2012	Tamayuz (GB)/Invincible Spirit (IRE)	G3SP
Hanalei Bay (IRE)	Colt	2010	Tamayuz (GB)/Daneshill	Wnr
Thurayaat (GB)	Filly	2011	Tamayuz (GB)/Cape Cross (IRE)	Wnr
Musaadaqa (IRE)	Filly	2011	Tamayuz (GB)/Mull of Kintyre	Wnr
Banaadeer (IRE)	Colt	2011	Tamayuz (GB)/Cape Cross (IRE)	Wnr
Tamayuz Magic (IRE)	Gelding	2011	Tamayuz (GB)/Anabaa	Wnr
War Of Art (IRE)	Colt	2011	Tamayuz (GB)/Key of Luck	Wnr
Miss Buckshot (IRE)	Filly	2011	Tamayuz (GB)/Daneshill	Wnr
Mutamaiz (IRE)	Colt	2010	Tamayuz (GB)/Shaadi	Wnr

Pedigree and racing information provided by:



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HYPOTHETICAL: =Medicean (GB) -- Moonlight Cloud (GB)
 Based on the cross of Medicean (GB)/Green Desert and his sons and grandsons

B+
 Variant = 2.07

Hypothetical Foal	=Medicean (GB), 97 ch	Machiavellian, 87 dk b/	Mr. Prospector, 70 b	Raise a Native, 61 ch	Native Dancer, 50 gr	
			Coup de Folie, 82 b	Gold Digger, 62 b	Raise You, 46 ch	
				Storm Bird, 78 b	Halo, 69 dk b/	Nashua, 52 b
			Mystic Goddess, 90 ch		Raise the Standard, 78 b	Sequence, 46 dk b
				Mystic Goddess, 90 ch	Northern Dancer, 61 b	Hail to Reason, 58 br
			South Ocean, 67 b			Cosmah, 53 b
		Rose Goddess (IRE), 79 b	Hoist the Flag, 68 b			
			*Cocarde II, 66 ch		Natalma, 57 b	
		Green Desert, 83 b	Nearctic, 54 br			
			Foreign Courier, 79 b		Natalma, 57 b	
		Moonlight Cloud (GB), 08 b	=Invincible Spirit (IRE), 97 b	Rafha (GB), 87 b	Danzig, 77 b	New Providence, 56 b
					=Spectrum (IRE), 92 b	Shining Sun, 62 b
	Ventura (IRE), 98 b			Sassafras (FR), 67 b		=Sheshoon (GB), 56 ch
				Wedding Bouquet (IRE), 87 b	Rainbow Quest, 81 b	=Ruta (FR), 60 b
	Ventura (IRE), 98 b				Kings Lake, 78 b	Red God, 54 ch
				Doff the Derby, 81 b		=Chambord, 55 ch
			=Kris (GB), 76 ch		Northern Dancer, 61 b	
				=Eljazzi, 81 b	Pas de Nom, 68 dk b/	
			=River Dancer (IRE), 83 b		Sir Ivor, 65 b	
				Kings Lake, 78 b	Courtly Dee, 68 dk b/	
	Doff the Derby, 81 b		Sharpen Up (GB), 69 ch			
			Doff the Derby, 81 b	Doubly Sure (GB), 71 b		
	Doff the Derby, 81 b	Artaius, 74 b				
		Doff the Derby, 81 b	=Border Bounty (GB), 65 b			
Doff the Derby, 81 b	Blushing Groom (FR), 74 ch					
	Doff the Derby, 81 b	I Will Follow, 75 b				
Doff the Derby, 81 b		Irish River (FR), 76 ch				
	Doff the Derby, 81 b	Dancing Shadow (IRE), 77 b				
Doff the Derby, 81 b		Nijinsky II, 67 b				
	Doff the Derby, 81 b	*Fish-Bar, 67 b				
Doff the Derby, 81 b		Master Derby, 72 ch				
	Doff the Derby, 81 b	Margarethen, 62 dk b				

Pedigree Statistics	
Coefficient of Relatedness: 1.56%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.16%	Unique Ancestors: 372/510

Dosage Information	
Dosage Profile: 6 1 6 1 0	
Dosage Index: 2.50	Center of Distribution: +0.86

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





ENHANCED

HYPOTHETICAL: =Medicean (GB) -- Moonlight Cloud (GB)

Based on the cross of Medicean (GB)/Green Desert and his sons and grandsons

B+

Variant = 2.07

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	44	Weanlings	1	\$58,167	\$58,167	Starters	9	40	29
Total Starters	44	Yearlings	2	\$103,482	\$103,482	Winners	3	21	8
		2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Medicean (GB)	Broodmare Sire Name	=Invincible Spirit (IRE)
Sire AEI	1.36	Broodmare Sire AEI	0.77
Progeny AWD	9.72 f	Progeny AWD as BM Sire	7.23 f
Chief Earner	Al Shemali (GB) (\$3,570,399)	Chief Earner	Azagal (IRE) (\$165,855)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	56	23	33	779	5,593
Starters (% Foals of Racing Age)	44 (79%)	17 (74%)	27 (82%)	603 (77%)	3,582 (64%)
Winners (% Starters)	27 (61%)	12 (71%)	15 (56%)	387 (64%)	2,074 (58%)
SW (% Starters)	3 (7%)	2 (12%)	1 (4%)	36 (6%)	155 (4%)
Earnings	\$1,569,301	\$804,965	\$764,336	\$38,290,752	\$149,362,454
Avg Distance Raced	8.48 f	7.69 f	9.08 f	9.90 f	8.06 f
Avg Winning Distance	8.26 f	6.99 f	9.09 f	9.81 f	7.81 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
DIMENSION (GB)	Gelding	2008	Medicean (GB)/Green Desert	G2SW
JIRA (GB)	Mare	2007	Medicean (GB)/Green Desert	SW
JANOOD (IRE)	Gelding	2008	Medicean (GB)/Green Desert	SW
Russelliana (GB)	Mare	2009	Medicean (GB)/Green Desert	G2SP
Famusa (GB)	Mare	2007	Medicean (GB)/Desert Prince (IRE)	SP
Hussard (GB)	Colt	2011	Medicean (GB)/Green Desert	SP
Self Centred (GB)	Mare	2009	Medicean (GB)/Green Desert	SP
Grand Star (GB)	Mare	2003	Medicean (GB)/Green Desert	Wnr
Toscana (JPN)	Mare	2008	Medicean (GB)/Green Desert	Wnr
Leo Parade (GB)	Gelding	2006	Medicean (GB)/Desert Prince (IRE)	Wnr
Artimino (GB)	Gelding	2004	Medicean (GB)/Green Desert	Wnr
Fifty Gold (FR)	Filly	2011	Medicean (GB)/Desert Prince (IRE)	Wnr
Fresh And Fresh (GB)	Colt	2011	Medicean (GB)/Green Desert	Wnr
Carmela Maria (GB)	Mare	2005	Medicean (GB)/Owington (GB)	Wnr
Medam (GB)	Mare	2009	Medicean (GB)/Green Desert	Wnr

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