# WERK NICK RATING<sup>TM</sup> (based on the DANEHILL - ENCOSTA DE LAGO cross)

(+540%)



Generated on 04/01/16 **INGEAS16** 

> **NEARCTIC** NORTHERN DANCER (B/C) 3 **NATALMA**

DANZIG (I/C)

PAS DE NOM

DANEHILL (Q)

HIS MAJESTY (C)

**RAZYANA** 

**SPRING ADIEU** 3

**FASTNET ROCK** 

(2001)

NIJINSKY II (C/S) ROYAL ACADEMY (B/I)

**CRIMSON SAINT** 

PICCADILLY CIRCUS

ENCOSTA DE LAGO

**MARAUDING** 

**GATANA** 

**Hip 69** Colt

NORTHERN DANCER FLAMING PAGE

FLOWER BOWL

**BUCKPASSER** 

**NATALMA** 

**PETITIONER** 

RIBOT

ADMIRAL'S VOYAGE

**CRIMSON SATAN BOLERO ROSE** 

SIR TRISTRAM **BISCALOWE** 

TWIG MOSS **HONDALAE** 

3 NORTHERN DANCER (B/C)

FAIRY KING (Q) **FAIRY BRIDGE** 

**TWIGALAE** 

STAR WAY (Q)

SHOAL CREEK

**ROLLS** 

**SEVRUGA** 

1

(2007)

**JACINTO** 

**ARTICHOKE** 

**IVORY TOWER** 

PRAWN COCKTAIL

CRIMSON SATAN (Q)

CRIMSON SAINT

**BOLERO ROSE** 

**NEARCTIC NATALMA** 

**BOLD REASON** 

**SPECIAL** STAR APPEAL

**NEW WAY** 

MR. PROSPECTOR

**GRAND LUXE** 

**BOLD RULER** CASCADE II HILL PRINCE

ROSY PROSPECT

**SPY SONG PAPILA** 

**BOLERO** FIRST ROSE

Sibling Identifier: odd numbers = same dam only; even numbers = same sire and dam

Roman Dosage Profile: (4-4-7-1-0)D.I.: 2.56 C.D.: 0.69

Q 7

16

Werk Quality Rating: + Quality Points: Dosage Points: 16

**Total Points:** 32

**Best of Sale:** 

**5-Generation Inbreeding:** 

CRIMSON SAINT - 4m x 3f

NORTHERN DANCER - 4m, 5m x 4m

NATALMA - 5m, 5f x 5m

# **FASTNET ROCK**

Stands at COOLMORE STUD, IRE for a fee of Pvt

### Stakes Winners from the DANEHILL--ENCOSTA DE LAGO cross

Stakes Winner	Yob	Sex	Best	Dirt AWS	Turf	Pedigree
DEFCON	2013	C	G3		Y	CHOISIRNUCLEAR FORCE (ENCOSTA DE LAGO)
JAPONISME	2012	C	G1		Y	CHOISIRHAIKU (ENCOSTA DE LAGO)
BURNSTONE	2012	C			Y	REDOUTE'S CHOICEMERLENE DE LAGO (ENCOSTA DE
PEEPING	2011	F	G1		Y	REDOUTE'S CHOICEMISS MARIELLE (ENCOSTA DE
ANOTHER COUP	2011	F			Y	DARCI BRAHMAGINGER BUT COUP (ENCOSTA DE
PEGGY JEAN	2011	F	G1		Y	MYBOYCHARLIELADY OF LOVE (LAGO DELIGHT)
MOHAVE	2011	C			Y	EXCEED AND EXCELMARGHAM (ENCOSTA DE LAGO)
FRESPANOL	2010	C			Y	CHOISIRBESAME MUCHO (ENCOSTA DE LAGO)
PHEIDON	2010	G	G2		Y	AL MAHERENCOSTA QUIDD (ENCOSTA DE LAGO)
NOT LISTENIN'TOME	2010	G	G3		Y	DYLAN THOMASFLAME OF SYDNEY (ENCOSTA DE
INNER WARRIOR	2010	G			Y	GOD'S OWNEL MILAGRO (ENCOSTA DE LAGO)
FORGET	2009	C	G3		Y	EXCEED AND EXCELMNEMOSYNE (ENCOSTA DE
KILLUA CASTLE	2009	G	G3		Y	CHURCHILL DOWNSPRAYERS'N'PROMISES (ENCOSTA
SOOKIE	2009	F	G3		Y	CASINO PRINCE (AUS)PURPLE BLOOD (ENCOSTA DE
PROISIR	2009	C	G3		Y	CHOISIRPROPHET JEWEL (ENCOSTA DE LAGO)
DIDNTCOSTALOT	2008	C	G3		Y	DANERICHCOSTI (ENCOSTA DE LAGO)
EMPRESS ROCK	2008	F	G2		Y	FASTNET ROCKEMPRESS JADE (ENCOSTA DE LAGO)
INSTINCTION	2008	C			Y	EXCEED AND EXCELDE LAGO MIST (ENCOSTA DE
REBEL CALL	2008	C			Y	EXCEED AND EXCELTERRENORA (ENCOSTA DE LAGO)
BENETEAU	2007	C	G3		Y	REDOUTE'S CHOICESLICE OF PARADISE (ENCOSTA DE
ESSINGTON	2006	G			Y	REDOUTE'S CHOICEBESAME MUCHO (ENCOSTA DE
MUSIR	2006	C	G1	Y	Y	REDOUTE'S CHOICEDIZZY DE LAGO (ENCOSTA DE



# **Stakes Winners**

#### Stakes winners bred from the DANEHILL--FAIRY KING cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALEXANDER ALLIANCE	2003	F				Υ	DANETIME ex GEHT SCHNELL (FAIRY KING)
ANOTHER COUP	2011	F				Υ	DARCI BRAHMA ex GINGER BUT COUP (ENCOSTA DE LAGO)
BALTIC KING	2000	С				Υ	DANETIME ex LINDFIELD BELLE (FAIRY KING)
BENETEAU	2007	С	G3			Υ	REDOUTE'S CHOICE ex SLICE OF PARADISE (ENCOSTA DE LAGO)
BLUEBERRY HILL	2012	F	G2			Υ	MYBOYCHARLIE ex PERKIPSEY (FALBRAV)
BREAK CARD	2006	F				Υ	DANZERO ex FLEUR DE JAZZ (FAIRY KING)
BURNSTONE	2012	С				Υ	REDOUTE'S CHOICE ex MERLENE DE LAGO (ENCOSTA DE LAGO)
CAMERON	2012	F				Υ	ADMIRALOFTHEFLEET ex CAMARIOCA (BURDEN OF PROOF)
CHARLIE BOY	2010	С	G2			Υ	MYBOYCHARLIE ex MARITIME (FALBRAV)
CHURCHILL DANCER	2010	С	G2			Υ	CHURCHILL DOWNS ex DARK REVIEW (SECOND EMPIRE)
DEFCON	2013	С	G3			Υ	CHOISIR ex NUCLEAR FORCE (ENCOSTA DE LAGO)
DELIVER THE POWER	2008	G	G3			Υ	TOREADOR ex TARA'S DESTINY (TARA'S HALLS)
DIDNTCOSTALOT	2008	С	G3			Υ	DANERICH ex COSTI (ENCOSTA DE LAGO)
DOMINGUES	2005	С	G3			Υ	DANETIME ex LINDFIELD BELLE (FAIRY KING)
EMPRESS ROCK	2008	F	G2			Υ	FASTNET ROCK ex EMPRESS JADE (ENCOSTA DE LAGO)
ESSINGTON	2006	G				Υ	REDOUTE'S CHOICE ex BESAME MUCHO (ENCOSTA DE LAGO)
FIRE THUNDERBOLT	2009	G				Υ	CALIFORNIA DANE ex SPIRITED AND SEXY (KING IVOR)
FORGET	2009	С	G3			Υ	EXCEED AND EXCEL ex MNEMOSYNE (ENCOSTA DE LAGO)
FRESPANOL	2010	С				Υ	CHOISIR ex BESAME MUCHO (ENCOSTA DE LAGO)
FULBRIGHT	2009	С	G2			Υ	EXCEED AND EXCEL ex LINDFIELD BELLE (FAIRY KING)
GOLD FORCE	2011	G				Υ	FLYING SPUR ex BLUE NOTE (FALBRAV)
IMPERIAL ROME	2008	С				Υ	HOLY ROMAN EMPEROR ex RIPALONG (REVOQUE)
INNER WARRIOR	2010	G				Υ	GOD'S OWN ex EL MILAGRO (ENCOSTA DE LAGO)
INSTINCTION	2008	С				Υ	EXCEED AND EXCEL ex DE LAGO MIST (ENCOSTA DE LAGO)
JAPONISME	2012	С	G1			Υ	CHOISIR ex HAIKU (ENCOSTA DE LAGO)
KILLUA CASTLE	2009	G	G3			Υ	CHURCHILL DOWNS ex PRAYERS'N'PROMISES (ENCOSTA DE LAGO)
MAULES CREEK	2007	G				Υ	REDOUTE'S CHOICE ex BRAMBLE ROSE (SHINKO KING)
MOHAVE	2011	С				Υ	EXCEED AND EXCEL ex MARGHAM (ENCOSTA DE LAGO)
MUSIR	2006	С	G1		Υ	Υ	REDOUTE'S CHOICE ex DIZZY DE LAGO (ENCOSTA DE LAGO)
MY NAME IS BOND	2008	С	G3			Υ	MONSIEUR BOND ex LADY ORIANDE (MAKBUL)
NEAREST TO PIN	2009	G				Υ	GOLDEN LAKE ex PRINCESS TAYLAH (TURTLE ISLAND)
NOT LISTENIN'TOME	2010	G	G3			Υ	DYLAN THOMAS ex FLAME OF SYDNEY (ENCOSTA DE LAGO)
PEEPING	2011	F	G1			Υ	REDOUTE'S CHOICE ex MISS MARIELLE (ENCOSTA DE LAGO)
PEGGY JEAN	2011	F	G1			Υ	MYBOYCHARLIE ex LADY OF LOVE (LAGO DELIGHT)
PHEIDON	2010	G	G2			Υ	AL MAHER ex ENCOSTA QUIDD (ENCOSTA DE LAGO)
PICCADILLY FILLY	2007	F				Υ	EXCEED AND EXCEL ex TORTUE (TURTLE ISLAND)
PRIVATE JET	2008	С				Υ	AUSSIE RULES ex NORWEGIAN PRINCESS (FAIRY KING)
PROISIR	2009	С	G3			Υ	CHOISIR ex PROPHET JEWEL (ENCOSTA DE LAGO)
REBEL CALL	2008	С				Υ	EXCEED AND EXCEL ex TERRENORA (ENCOSTA DE LAGO)
SHOWY CHLOE	2012	F	G3			Υ	ALFRED NOBEL ex SPECIAL KISEKI (SPECIAL BOND)
SOOKIE	2009	F	G3			Υ	CASINO PRINCE (AUS) ex PURPLE BLOOD (ENCOSTA DE LAGO)
SPILL THE BEANS	2012	С	G3			Υ	SNITZEL ex MISS DODWELL (FALBRAV)
SUCCESS DAYS	2012	С	G3			Υ	JEREMY ex MALAICA (ROI GIRONDE)

## PEDIGREE RATING SCORES - "NICKS"

It's a simple formula – It's all about risk reduction.

Nicks have become an integral part of the decision-making process in the mating and purchasing of thoroughbreds. Most breeders recognise that an affinity or compatibility can exist between two thoroughbred sire lines, such that, when crossed, those lines yielded a greater proportion of superior runners than when either one of them are crossed with any other sire lines. Great breeders, from Federico Tesio to present-day breeders around the world have relied on observed nicks to help guide their breeding plans and buying decisions.

# Over 70% of ALL Stakes Winners are "A" Rated Nicks

In order to identify nicks in a systematic way, the software database we use developed an evaluation method based on sire-line analysis. Ongoing studies by researchers show that approximately 25% of the Thoroughbred population is the product of highly successful nicks ("A" rated nicks) while over 70% of stakes winners come from these "A" rated nicks!

### **Statistics:**

There are approximately 20,000 live foals born each year – 25% (5,000) are A Rated whilst 75% (15,000) are rated below. There are 541 Stakes Races in Australia this racing season. 70% (379) will be won from the 5,000 A rated foals born (7.6%) 30% (162) will be won from the 15,000 foals in the lower rated group (1.08%).

For a practical businessperson seeking a return on money invested, it makes no sense to ignore statistically unfavorable odds. Buying a superior racehorse is already a difficult enough proposition. The Rating systems we use allow us to see into the future by looking into the past and thereby to avoid those mating patterns that have failed. The Nick Rating enables us to avoid crosses that have had little or no success in the past. At the same time, it enables us to identify and thus duplicate successful sire-line crosses, dramatically increasing the chances of success.

Over the years evaluating Nicks have proven to be an invaluable tool in the stallion selection process when identifying yearlings for purchase. Dean Watt, Managing Director of Dynamic Syndications has enjoyed great success as a result of utilising such information. For example:

SAVABEEL, POLAR SUCCESS, HE'S NO PIE EATER, ATOMIC FORCE, ECONSUL, DE BEERS, BRADBURY'S LUCK, TENANT'S TIARA and REWARD FOR EFFORT were all superior racehorses who had superior pedigree ratings.

ECONSUL	<b>A</b> ++	13,862%
SAVABEEL	<b>A</b> ++	9,325%
DEBEERS	<b>A</b> ++	4,270%
POLAR SUCCESS	<b>A</b> ++	2,240%
<b>REWARD FOR EFFORT</b>	$\mathbf{A}$ +	1,175%
ATOMIC FORCE	$\mathbf{A}$ +	988%
BRADBURY'S LUCK	$\mathbf{A}$	485%
TENANT'S TIARA	$\mathbf{A}$	238%
HE'S NO PIE EATER	$\mathbf{A}$	161%

Further afield, in 2008 the Top 5 Racehorses in the world had the following ratings:

1 CURLIN	$\mathbf{A}$ +	1,375%
2 NEW APPROACH	$\mathbf{A}$ +	1,472%
3 RAVEN'S PASS	<b>A</b> ++	5,961%
4 DUKE OF MARMALADE	$\mathbf{A}$	409%
5 HENRYTHENAVIGATOR	<b>A</b> ++	1,531%

Then to further support the theories, in 2008 there was 67 Group 1 races run in Australia. These races were won by 48 individual horses. When these 48 individuals' pedigrees were analysed it showed:

### 35 / 48 Rated A or above = 73% of Individual Group 1 Winners Rates A or above

Affinity between sire lines was long ago observed by the world's best thoroughbred breeders. Today through modern technologies we are able to quantify what was once only a subjective judgment based on the observations of a relatively small equine population.

Ratings are essentially the objective measurement of success, or lack therefore, of sireline crosses. Success is quantified by being the winners of stakes races with a prizemoney of at least \$50,000. Through software databases, containing the pedigrees of all such winners since 1977 (over 30,000 winners), we are able to more easily identify what sireline crosses have succeeded in producing stakes winners and compare those numbers with the stakes winning population on the whole.

Often a sire line may appear to be successful with a particular broodmare sire line. However, if the level of success is no better than that sire line's success with the entire population, then there is not a true nick.

In order to understand the ratings for easy use, a letter-grade scale was developed. As in the scholastic setting, the scales ranges from F (Fail) through to A with A+ also A++ and now since 2011 the software system now identifies A+++ as possible to be achieved in some select instances. The Variants (percentages) shown in the table below are the deviation from the norm that has been observed by that sire line cross in question. On this

scale -15% to +15% (C) is considered average, meaning that the sire-line cross has yielded results that are statistically no better and no worse than what would be expected with the entire population.

An "A" rated nick indicates that a far greater percentage of stakes winners have resulted from that cross than expected. An "F" rated nick indicates that the number of stakes winners resulting from a cross is at least 50% below expectations. This does not mean that there cannot be success or will not be success from such a mating in the future. It does mean that in all the experience of the last 20 + years of winners of stakes races, that type of mating has had a significant lack of success as measured by stakes winner production.

It must be stressed that a below "Average" rating does not guarantee or even predict failure. It means only that, to date, the particular sire-line cross has fallen at least 16% short of what would be expected. Nicks can and do change over time.

Consequently, an above Average Rating must be kept in proper perspective as there are other factors that must be considered when selecting a horse for purchase. Specifically, conformation evaluation is critical. A thoroughbred may have a brilliant pedigree on paper that rates as either Excellent, Superior, Superb or Outstanding on our Ratings Score however if the skeletal structure and/or the overall constitution of the individual is lacking then the horse is rejected as a candidate for purchase.

#### The Rating Scale is shown below:

Nick	Horse	Variant %
A+++	Excellent	+20,000 and above
A++	Superior	+1,501 to + 19,999
A+	Superb	+500 to +1,500
A	Outstanding	+150 to +499
B+	Very Good	+100 to +149
В	Good	+50 to +99
C+	Acceptable	+16 to +49
C	Average	-15 to +15
D+	Weak	-16 to -34
D	Poor	-35 to -49
F	Unsuccessful	-50
0 SW	Zero Stakes Winners	0 SW

Dynamic Syndications uses these rating tools along with additional pedigree analysis systems from other software databases which skewer the data to local environmental factors and we have introduced a ranking on the class of Stakes Races which are won to establish what we consider is an inherent opportunity of greater racetrack success. Often a horse can have a very high Nick rating and yet score lowly on the variant and visa versa. We use this information to assist us in pedigree selections after the physical inspections have also been considered. Also we cannot blindly accept a rating score. For example Australia has only 2.9% of our races listed as Stakes Races whilst New Zealand has 9.7% and Ireland has 13.1%. Obviously the data will be weighted in certain directions if we did not counter this information with a ranking on the Stakes Races based upon country and class of race, racing region within the country and climatic conditions in the region. After adjustments the rating scale is presented below.

# **Quality Rating Summary**

It is undeniable that racing class is in great part a function of the *quality* of ancestors contributing to new individual. It follows that certain quality stallions tend to contribute more favorably than other sires. When Quality points contributed by such deserving sires are combined with dosage points, the total points more accurately reflect the overall class of a pedigree.

The *Quality sires* in a pedigree contribute quality points (QP) to the new individual in exactly the same way as ancestral sires contribute dosage points (DP). The total number of *Quality points* is added to the *Dosage points* to get *Total Points* (TP).

The Quality Rating, which ranges from zero, as the low, to ten, as the high, is scaled to the number of total points in the pedigree:

<b>Total Points</b>	<b>Quality Rating</b>
0	Q0
1 to 4	Q1
5 to 9	Q2
10 to 14	Q3
15 to 19	Q4
20 to 24	Q5
25 to 29	Q6
30 to 39	Q7
40 to 44	Q8
45 to 54	<b>Q</b> 9
55 +	Q10

# What is a Best of Sale Rating?

Selecting yearlings that excel on the racetrack takes expert analysis of pedigree and conformation as well as luck. Best of Sale recommendations offers a unique, proven method of identifying potential superstars based on a variety of pedigree factors.

The approach to evaluating auction entries draws upon data of successful breeding patterns of the winners identified by analysing the pedigrees of the winners of stakes races run since early 1990's. The target is to identify the compatibility of matings as reflected in part, by the initial pedigree rating + the quality of mating based upon the performance of sire + broodmare sire + female families. Then add in the aptitude balance of matings as supplied by the contributions of specific *chef de race* ancestors, and successful patterns of inbreeding.

While some of these may be obvious choices to most buyers, the majority of them are not so obvious and many potential buyers, whom do not understand the genetic aspects of pedigrees or dismiss the relevance of same, overlook these potential superstars.

# **Best of Sale Recommendations**

Each lot number in a sale is rated for both its genetic compatibility and to the Best of Sale recommendation. They are given a simple Star Rating, from 5 Stars being the highest rating to 1 Star being the minimum qualifier. Best of Sale rating is an overall pedigree rating and takes into account all pedigree-related indicators as declared above.

However it only refers to the auction sale database against which it's being compared. Outside of these parameters, we return specifically to the pedigree rating alone. We are searching for competitive advantage against all other catalogued lots which is vitally important in closed race series races.

We embrace the favorable information and disregard horses with unfavorable aspects to pedigree rating, inbreeding, strength of the female family, evaluation of a stallion's stats and/or potential, sex biases, etc.

Frequently, selections are 'A' or better genetic nicks but we do see entries that are 'B' and 'C' (average) nicks occasionally that correspond with some very favorable breeding pattern that swings the balance in their favor. Only the Best of Sale recommendations get a Star Rating, so a one-star selection raises a mating well above its peers and merits a physical inspection.

Using Best of Sale recommendations in conjunction with our rigorous physical inspection systems of each of the horses, can dramatically improve our chances of selecting a potential quality runner.

# Past Best of Sale Success

The formula for evaluating all the pedigrees of specific auction sale has proven very successful for us.

# Our resume speaks for itself.

The data used commenced collection in 1990. Now well over twenty years evolved, Best of Sale categories as at the end of 2012 have resulted world wide in over 32,600 individual winners, 2,975 stakes winners, and 220 individual G1 winners!

Obviously the recommendations are only a part of the selection process. We still rely heavily on the conformation and athleticism of the individual, the horse husbandry techniques, commercial success and track record of the vendor and most importantly, the commercial value of the progeny.

Again we are well advanced in this regard. Dynamic Syndications Managing Director Dean Watt has over 30 years experience as a Bloodstock Consultant and is a Member of the Bloodstock Agents Federation – Australia. Dean as a licenced Commercial Agent is experienced in the art of thoroughbred valuation based upon specific formula and historical data determining current market "true price".

In addition, with the vast wealth of experience and available data, farms that produce quality winners at a constant rate are easily identified statistically equally as those who do not.

Knowledge, Due Diligence and Attention to Detail – That's what sets Dynamic Syndications well above its peers in the competitive environment of syndication of racehorses.



HYPOTHETICAL: =Fastnet Rock (AUS) -- =Sevruga (AUS) Based on the cross of Danehill and his sons/Encosta de Lago (AUS)

Variant = 2.07

			=Gatana (AUS), 89 b  Fairy King, 82 b  (AUS),  =Shoal Creek (AUS), 88 ch  Artichoke, 81 b		Nearctic, 54 br
				Northern Dancer, 61 b	Natalma, 57 b
				Day de Name CO disk/	Admiral's Voyage, 59 dk b/
				Pas de Nom, 68 dk b/	*Petitioner, 52 b
		Danehill, 86 b		His Maissty CO b	*Ribot, 52 b
				His Majesty, 68 b	Flower Bowl, 52 b
			Razyana, 81 b	Opping Adian 74 h	Buckpasser, 63 b
				Spring Adieu, 74 b	Natalma, 57 b
	=Fastnet Rock (AUS), 01 b				Northern Dancer, 61 b
				Nijinsky II, 67 b	Flaming Page, 59 b
			Royal Academy, 87 b		Crimson Satan, 59 ch
				Crimson Saint, 69 ch	Bolero Rose, 58 ch
		Piccadilly Circus (AUS), 95 b			*Sir Tristram, 71 b
		37-07 (84)	Danzig, 77 b  Razyana, 81 b  Royal Academy, 87 b  =Gatana (AUS), 89 b  Fairy King, 82 b  S),  =Shoal Creek (AUS), 88 ch	=Marauding (NZ), 84 b	=Biscalowe (AUS), 79 ch
					=Twig Moss (FR), 73 b
ypothetical Foal				=Twigalae (AUS), 79 b	=Hondalae (NZ), 68 b
ypotrictical i dai				Northern Dancer, 61 b	Nearctic, 54 br
				Northern Dancer, 61 b	Natalma, 57 b
			Fairy King, 82 b	Fairy Bridge, 75 b	Bold Reason, 68 b
					Special, 69 b
		=Encosta de Lago (AUS), 93 b	Razyana, 81 b  Royal Academy, 87 b  =Gatana (AUS), 89 b  Fairy King, 82 b  =Shoal Creek (AUS), 88 ch  Artichoke, 81 b	=Star Way (GB), 77 ch	*Star Appeal, 70 b
					=New Way (GB), 70 ch
				D. W. O. J.	Mr. Prospector, 70 b
	suite in the Macrie audity life			Rolls, 84 ch	Grand Luxe, 74 ch
	=Sevruga (AUS), 07 ch			Jacinto 62 hr	Bold Ruler, 54 dk b
				Jacinto, 62 br	*Cascade II, 51 br
			Artichoke, 81 b	Ivory Tower, 60 b	Hill Prince, 47 b
					Rosy Prospect, 53 b
		Prawn Cocktail, 92 b		Crimson Satan, 59 ch	Spy Song, 43 br
					*Papila, 43 ch
			Crimson Saint, 69 ch		Bolero, 46 ch
				Bolero Rose, 58 ch	First Rose, 46 b

Pedigree Statistics			
Coefficient of Relatedness: 5.96%	Pedigree Completeness: 100.00%		
Inbreeding Coefficient: 3.84%	Unique Ancestors: 363/510		

Dosage II	nformation
Dosage Pro	file: 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:





# HYPOTHETICAL: =Fastnet Rock (AUS) -- =Sevruga (AUS)

Based on the cross of Danehill and his sons/Encosta de Lago (AUS)

**B+**Variant = 2.07

Starters Considered in Rated Cross	
Direct Sire/ Broodmare Sire Cross	30
Additional Starters on Rated Cross	241
Total Starters	271

Auction Results - All Foals on Direct Sire/Broodmare Sire Cross					
Type	#Sold	Avg	Med		
Weanlings	7	\$70,543	\$64,617		
Yearlings	36	\$275,308	\$199,225		
2YOs	1	\$148,971	\$148,971		

	ace Perfo		
Type	Dirt	Turf	AW
Starters	27	269	58
Winners	12	147	19
SW	-	16	1

Sire				
Sire Name	=Fastnet Rock (AUS)			
Sire AEI	2.07			
Progeny AWD	7.01 f			
Chief Earner	Mosheen (AUS) (\$2,889,624)			

Broodmare Sire					
Broodmare Sire Name	=Encosta de Lago (AUS)				
Broodmare Sire AEI	1.20				
Progeny AWD as BM Sire	6.76 f				
Chief Earner	Musir (AUS) (\$2,496,815)				

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	444	225	219	74,501	1,643
Starters (% Foals of Racing Age)	271 (61%)	136 (60%)	135 (62%)	46,930 (63%)	933 (57%)
Winners (% Starters)	157 (58%)	84 (62%)	73 (54%)	27,921 (59%)	540 (58%)
SW (% Starters)	16 (6%)	13 (10%)	3 (2%)	2,166 (5%)	34 (4%)
Earnings	\$16,900,929	\$12,691,442	\$4,209,487	\$2,168,863,602	\$35,864,273
Avg Distance Raced	6.95 f	7.08 f	6.78 f	7.50 f	6.77 f
Avg Winning Distance	6.87 f	6.88 f	6.85 f	7.49 f	6.73 f

Top 15 Foals Bred on Rated Cross								
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race				
MUSIR (AUS)	Horse	2006	Redoute's Choice (AUS)/Encosta de Lago (AUS)	G1SW				
PEEPING (AUS)	Mare	2011	Redoute's Choice (AUS)/Encosta de Lago (AUS)	G1SW				
EMPRESS ROCK (AUS)	Mare	2008	Fastnet Rock (AUS)/Encosta de Lago (AUS)	G2SW				
PHEIDON (AUS)	Gelding	2010	Al Maher (AUS)/Encosta de Lago (AUS)	G2SW				
NOT LISTENIN'TOME (AUS)	Gelding	2010	Dylan Thomas (IRE)/Encosta de Lago (AUS)	G3SW				
DIDNTCOSTALOT (AUS)	Gelding	2008	Danerich (AUS)/Encosta de Lago (AUS)	G3SW				
FORGET (AUS)	Gelding	2009	Exceed And Excel (AUS)/Encosta de Lago (AUS)	G3SW				
BENETEAU (AUS)	Horse	2007	Redoute's Choice (AUS)/Encosta de Lago (AUS)	G3SW				
KILLUA CASTLE (AUS)	Gelding	2009	Churchill Downs (AUS)/Encosta de Lago (AUS)	G3SW				
MOOFEED (AUS)	Horse	2010	Duke of Marmalade (IRE)/Encosta de Lago (AUS)	G3SW				
ESSINGTON (AUS)	Gelding	2006	Redoute's Choice (AUS)/Encosta de Lago (AUS)	SW				
INSTINCTION (AUS)	Horse	2008	Exceed And Excel (AUS)/Encosta de Lago (AUS)	SW				
MOHAVE (AUS)	Gelding	2011	Exceed And Excel (AUS)/Encosta de Lago (AUS)	SW				
REBEL CALL (AUS)	Gelding	2008	Exceed And Excel (AUS)/Encosta de Lago (AUS)	SW				
ANOTHER COUP (NZ)	Mare	2011	Darci Brahma (NZ)/Encosta de Lago (AUS)	SW				

Pedigree and racing information provided by:

