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	FAIRY KING (Q)	NORTHERN DANCER
	ENCOSTA DE LAGO	FAIRY BRIDGE
	SHOAL CREEK	STAR WAY
NORTHERN METEOR		ROLLS
	FAPPIANO (I/C)	MR. PROSPECTOR
	EXPLOSIVE	KILLALOE
	SCUFF	FORLI
DEEP FIELD		MOCCASIN
(2010)	GONE WEST (I/C)	MR. PROSPECTOR
	ELUSIVE QUALITY (Q)	SECRETAME
	TOUCH OF GREATNESS	HERO'S HONOR
LISTEN HERE		IVORY WAND
	MILITARY PLUME (NZ)	SIR TRISTRAM
	ANNOUNCE	ULTRAVIOLET
	1 THEME SONG	SACKFORD
Prospective foal		COTEHELE HOUSE
	DANEHILL (Q)	DANZIG
	DANETIME	RAZYANA
	ALLEGHENY RIVER	LEAR FAN
MYBOYCHARLIE		ALLESHENY
	ROUSILLON	RIVERMAN
	DULCEATA	BELLE DORINE
	SNOWTOP	THATCHING
JACLYN		ICING
(2014)	DANEHILL (Q)	DANZIG
	1 COMMANDS	RAZYANA
	COTEHELE HOUSE	MY SWANEE
LITTLE ZETTA		EIGHT CARAT
	QUEST FOR FAME	RAINBOW QUEST
	CATHERINE ZETA	ARYENNE
	GREAT TEMPTATION	LUSKIN STAR
		FAR BETTER

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

Roman Dosage Profile: (0-2-2-0-0)

D.I.: 3.00 C.D.: 0.50

Werk Quality Rating: Q 3

Dosage Points: 4 + Quality Points: 10 = Total Points: 14

5-Generation Inbreeding: DANEHILL - x 4m, 4m  
 COTEHELE HOUSE - 5f x 4m  
 MR. PROSPECTOR - 5m, 5m x

# GeoNicks™ Australasia

DEEP FIELD--JACLYN

**A+** (1205%)

Based on the DEEP FIELD--DANEHILL cross



This cross has produced 6 stakes winners in Australasia, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
COSMIC FORCE	2016	C	G2			Y	DEEP FIELD ex LITTLE ZETA (COMMANDS)
DIG DEEP	2016	C	G2			Y	DEEP FIELD ex LUCKY ANA (LUCKY UNICORN)
QUANTUM MECHANIC	2016	F	G2			Y	DEEP FIELD ex LIFE IN A METRO (FASTNET ROCK)
PORTLAND SKY	2017	C	G3			Y	DEEP FIELD ex SKY RUMBA (SHREWD RHYTHM)
FITUESE	2016	F				Y	DEEP FIELD ex CATTALO (TIGER HILL)
ISOTOPE	2017	F				Y	DEEP FIELD ex GREAT DANSAAR (CHOISIR)

Stakes winners bred from the DEEP FIELD--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
COSMIC FORCE	2016	C	G2			Y	DEEP FIELD ex LITTLE ZETA (COMMANDS)
DIG DEEP	2016	C	G2			Y	DEEP FIELD ex LUCKY ANA (LUCKY UNICORN)
FITUESE	2016	F				Y	DEEP FIELD ex CATTALO (TIGER HILL)
ISOTOPE	2017	F				Y	DEEP FIELD ex GREAT DANSAAR (CHOISIR)
PORTLAND SKY	2017	C	G3			Y	DEEP FIELD ex SKY RUMBA (SHREWD RHYTHM)
QUANTUM MECHANIC	2016	F	G2			Y	DEEP FIELD ex LIFE IN A METRO (FASTNET ROCK)

Stakes winners bred from the NORTHERN METEOR--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ATMOSPHERICAL	2010	F				Y	NORTHERN METEOR ex FASTER PUSSYCAT (FLYING SPUR)
COSMIC ENDEAVOUR	2010	F	G1			Y	NORTHERN METEOR ex CREVETTE (DANEHILL)
COSMIC FORCE	2016	C	G2			Y	DEEP FIELD ex LITTLE ZETA (COMMANDS)
DIG DEEP	2016	C	G2			Y	DEEP FIELD ex LUCKY ANA (LUCKY UNICORN)
FITUESE	2016	F				Y	DEEP FIELD ex CATTALO (TIGER HILL)
GLISTENING	2018	F	G2			Y	ZOUSTAR ex BEETHOG (SHOVHOG)
HAUT BRION HER	2015	F	G2			Y	ZOUSTAR ex ONE IN A MILLION (REDOUTE'S CHOICE)
ISOTOPE	2017	F				Y	DEEP FIELD ex GREAT DANSAAR (CHOISIR)
KRONE	2015	F	G1			Y	EUROZONE ex SOFT LANDING (AL MAHER)
MADAM ROUGE	2015	F	G2			Y	ZOUSTAR ex CABERNET (AL MAHER)
MASCARPONE	2016	C				Y	SHOOTING TO WIN ex FROMAGE (FLYING SPUR)
MIZZY	2015	F	G2			Y	ZOUSTAR ex MISSY CUMMINGS (MAGNUS)
NAJOOM	2011	F	G3			Y	NORTHERN METEOR ex CHARLETY STAR (ARENA (AUS))
NEWHART	2015	C				Y	FIGHTING SUN ex JESTING (COMMANDS)
PERSUADER	2015	F				Y	ZOUSTAR ex FAST TALKER (FASTNET ROCK)
PORTLAND SKY	2017	C	G3			Y	DEEP FIELD ex SKY RUMBA (SHREWD RHYTHM)
QUANTUM MECHANIC	2016	F	G2			Y	DEEP FIELD ex LIFE IN A METRO (FASTNET ROCK)
RUNWAY STAR	2010	F	G3			Y	NORTHERN METEOR ex INTUIT (COMMANDS)
SOLAR STAR	2015	F				Y	ZOUSTAR ex PETTY CURY (NOT A SINGLE DOUBT)
SPEAK FONDLY	2012	F	G1			Y	NORTHERN METEOR ex BLAB (FLYING SPUR)
SUN CITY	2016	C	G3			Y	ZOUSTAR ex ROULETTES (FLYING SPUR)
TAILLEUR	2016	F	G3			Y	SHOOTING TO WIN ex CLOTHING (COMMANDS)
ZOUSTAR	2010	C	G1			Y	NORTHERN METEOR ex ZOUZOU (REDOUTE'S CHOICE)

Stakes winners bred from the ENCOSTA DE LAGO--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ADMIRATION	2007	C				Y	ENCOSTA DE LAGO ex PROVENCE (REDOUTE'S CHOICE)
ALOHA	2006	F	G1			Y	ENCOSTA DE LAGO ex TENNESSEE MIDNIGHT (DANEHILL)
ASTOUNDED	2003	F				Y	ENCOSTA DE LAGO ex STARTLE (FLYING SPUR)
ATMOSPHERICAL	2010	F				Y	NORTHERN METEOR ex FASTER PUSSYCAT (FLYING SPUR)
BOLD STAR	2015	C				Y	NEEDS FURTHER ex ALZAHRA STAR (DANEWIN)
CHAUTAUQUA	2010	G	G1			Y	ENCOSTA DE LAGO ex LOVELY JUBLY (LION HUNTER)
COSMIC ENDEAVOUR	2010	F	G1			Y	NORTHERN METEOR ex CREVETTE (DANEHILL)
COSMIC FORCE	2016	C	G2			Y	DEEP FIELD ex LITTLE ZETA (COMMANDS)
DAN DE LAGO	2005	C	G2			Y	ENCOSTA DE LAGO ex THE GOLDEN DANE (DANEHILL)
DANAUPAIR STARLET	2006	F	G3			Y	DELAGO BROM ex DANAUPAIR (DANASINGA)
DE LITTLE ENGINE	2010	C				Y	ENCOSTA DE LAGO ex ARAPAHO MISS (DANEHILL DANCER)
DELAGO DELUXE	2008	C	G1			Y	ENCOSTA DE LAGO ex SUCCEEDING (FLYING SPUR)
DIG DEEP	2016	C	G2			Y	DEEP FIELD ex LUCKY ANA (LUCKY UNICORN)
FABERGINO	2014	F	G3			Y	MASCHINO ex MISS RAZYANA (DANZERO)
FITUESE	2016	F				Y	DEEP FIELD ex CATTALO (TIGER HILL)
GLISTENING	2018	F	G2			Y	ZOUSTAR ex BEETHOG (SHOVHOG)
HAUT BRION HER	2015	F	G2			Y	ZOUSTAR ex ONE IN A MILLION (REDOUTE'S CHOICE)
ISOTOPE	2017	F				Y	DEEP FIELD ex GREAT DANSAAR (CHOISIR)
JAMAICAN RAIN	2012	F	G3			Y	MANHATTAN RAIN ex HERIZ (REDOUTE'S CHOICE)
KRONE	2015	F	G1			Y	EUROZONE ex SOFT LANDING (AL MAHER)
LARGO LAD	2004	G	G2			Y	ENCOSTA DE LAGO ex LADY MARION (DANEHILL)
LUCKY RAQUIE	2011	F				Y	ENCOSTA DE LAGO ex MONSOON WEDDING (DANEHILL)
MADAM ROUGE	2015	F	G2			Y	ZOUSTAR ex CABERNET (AL MAHER)
MANHATTAN STREET	2013	C				Y	MANHATTAN RAIN ex CHARMING ESTELLE (REDOUTE'S CHOICE)
MASCARPONE	2016	C				Y	SHOOTING TO WIN ex FROMAGE (FLYING SPUR)
MASCHINO	2007	C	G3			Y	ENCOSTA DE LAGO ex TAHNI GIRL (REDOUTE'S CHOICE)
MERLENE DE LAGO	2005	F	G2			Y	ENCOSTA DE LAGO ex MERLENE (DANEHILL)
MIZZY	2015	F	G2			Y	ZOUSTAR ex MISSY CUMMINGS (MAGNUS)
MOONOVERMANHATTAN	2011	C	G2			Y	MANHATTAN RAIN ex LUNASPUR (FLYING SPUR)
NAJOOM	2011	F	G3			Y	NORTHERN METEOR ex CHARLETY STAR (ARENA (AUS))
NEEDS FURTHER	2007	C	G3			Y	ENCOSTA DE LAGO ex CROWNED GLORY (DANEHILL)
NEWHART	2015	C				Y	FIGHTING SUN ex JESTING (COMMANDS)
ONE LAST DANCE	2008	F	G3			Y	ENCOSTA DE LAGO ex ONE WORLD (AUS) (DANEHILL)
PATEENA ARENA	2014	F				Y	NEEDS FURTHER ex GEHENNA (LADONI)
PERSUADER	2015	F				Y	ZOUSTAR ex FAST TALKER (FASTNET ROCK)
PORTLAND SKY	2017	C	G3			Y	DEEP FIELD ex SKY RUMBA (SHREWD RHYTHM)
PRECIOUS LORRAINE	2007	F	G3			Y	ENCOSTA DE LAGO ex MONSOON WEDDING (DANEHILL)
QUANTUM MECHANIC	2016	F	G2			Y	DEEP FIELD ex LIFE IN A METRO (FASTNET ROCK)
QUILATE	2012	F	G3			Y	BRAMSHAW ex MISS PELIGROSA (DANGEROUS)
ROCHA	2005	F	G2			Y	ENCOSTA DE LAGO ex LARROCHA (DANEHILL)
RUBICK	2011	C	G2			Y	ENCOSTA DE LAGO ex SLIDING CUBE (ROCK OF GIBRALTAR)
RUBISAKI	2016	F	G2			Y	RUBICK ex SENRO KISAKI (DANEHILL DANCER)
RUNWAY STAR	2010	F	G3			Y	NORTHERN METEOR ex INTUIT (COMMANDS)
SCARLET RAIN	2013	F	G2			Y	MANHATTAN RAIN ex DOUBLE RANGA (EXCEED AND EXCEL)

Stakes winners bred from the ENCOSTA DE LAGO--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
SOLAR STAR	2015	F				Y	ZOUSTAR ex PETTY CURY (NOT A SINGLE DOUBT)
SPEAK FONDLY	2012	F	G1			Y	NORTHERN METEOR ex BLAB (FLYING SPUR)
SUN CITY	2016	C	G3			Y	ZOUSTAR ex ROULETTES (FLYING SPUR)
TAILLEUR	2016	F	G3			Y	SHOOTING TO WIN ex CLOTHING (COMMANDS)
VANBRUGH	2012	C	G1			Y	ENCOSTA DE LAGO ex SOHO SECRET (LUCKY OWNERS)
ZOUSTAR	2010	C	G1			Y	NORTHERN METEOR ex ZOUZOU (REDOUTE'S CHOICE)

## **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.

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

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

<b>1 CURLIN</b>	<b>A+</b>	<b>1,375%</b>
<b>2 NEW APPROACH</b>	<b>A+</b>	<b>1,472%</b>
<b>3 RAVEN'S PASS</b>	<b>A+ +</b>	<b>5,961%</b>
<b>4 DUKE OF MARMALADE</b>	<b>A</b>	<b>409%</b>
<b>5 HENRYTHE NAVIGATOR</b>	<b>A+ +</b>	<b>1,531%</b>

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 sire-line 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 sire-line 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:**

<b>Nick</b>	<b>Horse</b>	<b>Variant %</b>
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
B	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:

Total Points	Quality Rating
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	Q9
55 +	Q10