WERK NICK RATING™ A   (+297%)
(based on the ENCOSTA DE LAGO - DANZIG cross)

eNicks

Generated on 01/18/12

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                                    NORTHERN DANCER (B/C)    NEARCTIC
                                                             NATALMA
                    1   FAIRY KING (Q)
                                    FAIRY BRIDGE             BOLD REASON
                                                             SPECIAL
              ENCOSTA DE LAGO
                                    STAR WAY (Q)             STAR APPEAL
                                                             NEW WAY
                    SHOAL CREEK
                                    ROLLS                    MR. PROSPECTOR
                                                             GRAND LUXE
        NORTHERN METEOR
        (2005)                      MR. PROSPECTOR (B/C)     RAISE A NATIVE
                                                             GOLD DIGGER
                    FAPPIANO (I/C)
                                    KILLALOE                 DR. FAGER
                                                             GRAND SPLENDOR
              EXPLOSIVE
                                    FORLI (C)                ARISTOPHANES
                                                             TREVISA
                    SCUFF
                    2   MOCCASIN                             NANTALLAH
                                                             ROUGH SHOD II

Prospective foal

                                    NORTHERN DANCER (B/C)    NEARCTIC
                                                             NATALMA
                    DANZIG (I/C)
                                    PAS DE NOM               ADMIRAL'S VOYAGE
                                                             PETITIONER
              1   PERUGINO
                                    BOLD REASON              HAIL TO REASON
                                                             LALUN
                    FAIRY BRIDGE
                                    SPECIAL            2     FORLI
                                                             THONG
        COMEDY CLUB
        (2000)                      CROWN JESTER             BAGUETTE
                                                             ANJUDY
                    RORY'S JESTER (Q)
                                    RORY'S ROCKET            ROAN ROCKET
                                                             CANTADORA
              LIVE COMEDY
                                    NORTHFIELDS (Q)          NORTHERN DANCER
                                                             LITTLE HUT
                    LIFE AT LAST
                                    ROYAL NEWS               SOVEREIGN PATH
                                                             LATEST EDITION
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Sibling Identifier: odd numbers = same dam only; even numbers = same sire and dam

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Roman Dosage Profile: (3-4-9-0-0)

D.I.: 2.56   C.D.: 0.63

Werk Quality Rating: Q 6

Dosage Points: 16   +   Quality Points: 12   =   Total Points: 28

5-Generation Inbreeding: FAIRY BRIDGE - 4m x 3m
NORTHERN DANCER - 4m x 4m, 5m
MR. PROSPECTOR - 4m, 5f x
FORLI - 4f x 5f

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

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

1 CURLIN	A+	1,375%
2 NEW APPROACH	A+	1,472%
3 RAVEN'S PASS	A++	5,961%
4 DUKE OF MARMALADE	A	409%
5 HENRYTHENAVIGATOR	A++	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 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:

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
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

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

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALOHA	2006	F	G1			Y	ENCOSTA DE LAGO ex TENNESSEE MIDNIGHT (DANEHILL)
ASTOUNDED	2003	F				Y	ENCOSTA DE LAGO ex STARTLE (FLYING SPUR)
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)
DELAGO DELUXE	2008	C	G1			Y	ENCOSTA DE LAGO ex SUCCEEDING (FLYING SPUR)
LARGO LAD	2004	G	G2			Y	ENCOSTA DE LAGO ex LADY MARION (DANEHILL)
MERLENE DE LAGO	2005	F	G2			Y	ENCOSTA DE LAGO ex MERLENE (DANEHILL)
MYSTICAL GREY	2004	G				Y	ENCOSTA DE LAGO ex MYSTERIEUX (SNAADEE)
NEEDS FURTHER	2007	C	G3			Y	ENCOSTA DE LAGO ex CROWNED GLORY (DANEHILL)
ONE LAST DANCE	2008	F	G3			Y	ENCOSTA DE LAGO ex ONE WORLD (DANEHILL)
PRECIOUS LORRAINE	2007	F	G3			Y	ENCOSTA DE LAGO ex MONSOON WEDDING (DANEHILL)
ROCHA	2005	F	G2			Y	ENCOSTA DE LAGO ex LARROCHA (DANEHILL)

Generated on 02/08/12

		DANZIG (I/C)	5 NORTHERN DANCER
	DANEHILL (Q)		PAS DE NOM
		RAZYANA	HIS MAJESTY
EXCEED AND EXCEL			5 SPRING ADIEU
		LOMOND	5 NORTHERN DANCER
	PATRONA		MY CHARMER
		GLADIOLUS	WATCH YOUR STEP
REWARD FOR EFFORT			BACK BRITCHES
(2006)		CROWN JESTER	BAGUETTE
	RORY'S JESTER (Q)		ANJUDY
		RORY'S ROCKET	ROAN ROCKET
MISS PROSPECT			CANTADORA
		IMPOSING	TODMAN
	3 IMPOSING LIFE		HIALEAH
		LIFE AT LAST	NORTHFIELDS
			ROYAL NEWS

Prospective foal

	1 FAIRY KING (Q)		5 NORTHERN DANCER
	ENCOSTA DE LAGO		FAIRY BRIDGE
		SHOAL CREEK	STAR WAY
NORTHERN METEOR			ROLLS
		FAPPIANO (I/C)	MR. PROSPECTOR
	EXPLOSIVE		KILLALOE
		SCUFF	FORLI
THIS MARE			MOCCASIN
(2010)		DANZIG (I/C)	5 NORTHERN DANCER
	1 PERUGINO		PAS DE NOM
		FAIRY BRIDGE	BOLD REASON
COMEDY CLUB			SPECIAL
		RORY'S JESTER (Q)	CROWN JESTER
	3 LIVE COMEDY		RORY'S ROCKET
		LIFE AT LAST	NORTHFIELDS
			ROYAL NEWS

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

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Roman Dosage Profile: (0-3-3-0-0)

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

Werk Quality Rating: Q 4

Dosage Points: 6   +   Quality Points: 12   =   Total Points: 18

5-Generation Inbreeding:
RORY'S JESTER - 3f x 4f
DANZIG - 4m x 4m
FAIRY BRIDGE - x 4m, 5m
LIFE AT LAST - 4f x 4f
NORTHERN DANCER - 5m, 5m x 5m, 5m

Stakes winners bred from the EXCEED AND EXCEL--ENCOSTA DE LAGO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
INSTINCTION	2008	C				Y	EXCEED AND EXCEL ex DE LAGO MIST (ENCOSTA DE LAGO)
REBEL CALL	2008	C				Y	EXCEED AND EXCEL ex TERRENORA (ENCOSTA DE LAGO)