

		SIR GAYLORD (I/C)		TURN-TO
		SIR IVOR (I/C)		SOMETHINGROYAL
		ATTICA		MR. TROUBLE
	SIR TRISTRAM (Q)			ATHENIA
		ROUND TABLE (S)		PRINCEQUILLO
	ISOLT			KNIGHT'S DAUGHTER
		ALL MY EYE		MY BABU
ZABEEL (Q)				ALL MOONSHINE
(86)		3 NORTHERN DANCER (B/C)		NEARCTIC
	1 NUREYEV (C)			NATALMA
		SPECIAL		FORLI
	LADY GISELLE			THONG
		VAL DE LOIR (Q)		VIEUX MANOIR
	VALDERNA			VALI
		DERNA		SUNNY BOY
				MISS BARBERIE
Prospective foal				
		3 NORTHERN DANCER (B/C)		NEARCTIC
	DANZIG (I/C)			NATALMA
		PAS DE NOM		ADMIRAL'S VOYAGE
	DANEHILL (Q)			PETITIONER
		HIS MAJESTY (C)		RIBOT
	RAZYANA			FLOWER BOWL
	3 SPRING ADIEU			BUCKPASSER
DANE SHAKIRA				NATALMA
(2000)		3 NORTHERN DANCER (B/C)		NEARCTIC
	SADLER'S WELLS (C/S)			NATALMA
	1 FAIRY BRIDGE		5	BOLD REASON
	JEANETTA COCHRANE			SPECIAL
		RIVERMAN (I/C)		5 NEVER BEND
	KAREENA			RIVER LADY
		KERMIYA		VIENNA
				EMBELLIE

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

Roman Dosage Profile: (3-6-17-4-0)  
 Dosage Points: 30      D.I.: 1.40      C.D.: 0.27  
 Werk Quality Rating: Q10  
 Quality Points: 34      Total Points: 64

**WERK NICK RATING™ A++ (+2035%)**  
 (based on the ZABEEL - DANEHILL cross)

5-Generation Inbreeding: NORTHERN DANCER - 4m x 4m, 4m  
 SPECIAL - 4m x 5f  
 NATALMA - 5m x 5m, 5f, 5m

Stakes winners bred from the ZABEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
DIZELLE	2001	F	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
MATRAS	2001	F	G3			Y	ZABEEL ex TROPICAL AFFAIR (DANEHILL)
VENGEANCE OF RAIN	2000	G	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
ZACROONA	2004	G	G3			Y	ZABEEL ex SINGALONG (DANASINGA)
ZINGAM	99	G	G3			Y	ZABEEL ex DANENDRI (DANEHILL)

## **PEDIGREE “NICK” RATING SCORES**

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.

**SAVABEEL, POLAR SUCCESS, BRADBURY'S LUCK** and **ECONSUL** were all superior racehorses who had superior pedigree ratings.

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 A through F with A+ and A++ possible to be achieved in some select instances. The 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 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 very high on our Ratings Score however if the skeletal structure or the overall constitution of the individual is lacking then the horse is rejected as a candidate for purchase.

Dynamic Syndications uses these rating tools along with additional pedigree analysis systems from other software databases 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.

**The Rating Scale is shown below:**

<b>Nick</b>	<b>Horse</b>	<b>Variant</b>
A++	Superior	+1501
A+	Superb	+500 to +1500
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

### **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	Q9
55 +	Q10