

MMLJAN17

Generated on 01/06/17

		ZABEEL (Q)		SIR TRISTRAM
		OCTAGONAL		LADY GISELLE
		EIGHT CARAT		PIECES OF EIGHT II
	LONHRO			KLAIRESSA
		STRAIGHT STRIKE		MR. PROSPECTOR
	SHADEA			BEND NOT
		CONCIA		FIRST CONSUL
	PIERRO			MY TRICIA
	(2009)	DOYOUN		MILL REEF
		DAYLAMI		DUMKA
		DALTAWA		MISWAKI
	MISS RIGHT NOTE			DAMANA
		<b>SADLER'S WELLS (C/S)</b>	1	<b>NORTHERN DANCER</b>
		SKY SONG		FAIRY BRIDGE
		CRIQUETTE		SHIRLEY HEIGHTS
				GHISLAINE
		DANZIG (I/C)	1	<b>NORTHERN DANCER</b>
		DANEHILL (Q)		PAS DE NOM
		RAZYANA		HIS MAJESTY
	REDOUTE'S CHOICE (Q)		1	SPRING ADIEU
		CANNY LAD (Q)		<b>BLETCHINGLY</b>
		SHANTHA'S CHOICE		JESMOND LASS
		DANCING SHOW		NIJINSKY II
	SPECIAL EPISODE			SHOW LADY
	(2003)	<b>SADLER'S WELLS (C/S)</b>	1	<b>NORTHERN DANCER</b>
		SCENIC		FAIRY BRIDGE
		IDYLLIC		FOOLISH PLEASURE
	EPISODE			WHERE YOU LEAD
		BEST WESTERN		<b>BLETCHINGLY</b>
		APACHE GIRL		GREASE PAINT
		KISSALOT		TATTENHAM
				FINE FILLE

Hip 478  
Filly

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

Roman Dosage Profile: (0-1-3-2-0)  
D.I.: 0.71 C.D.: -0.17

Werk Quality Rating: Q 5  
Dosage Points: 6 + Quality Points: 16 = Total Points: 22

**5-Generation Inbreeding:**  
**SADLER'S WELLS - 4f x 4m**  
**NORTHERN DANCER - 5m x 5m, 5m**  
**BLETCHINGLY - x 5m, 5m**

Stakes winners bred from the LONHRO--REDOUTE'S CHOICE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)

Stakes winners bred from the LONHRO--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)

Stakes winners bred from the ZABEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
BRAYROAN	2006	G				Y	ZABEEL ex COMPULSION (DANEHILL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
COULIS	2006	F				Y	ZABEEL ex FLEISCHER (DANEHILL)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
DIZELLE	2001	F	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FAWKNER	2007	G	G1			Y	RESET ex DANE BELLTAR (DANEWIN)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
IRONSTEIN	2005	G	G3			Y	ZABEEL ex GENTLE GENIUS (DANEHILL)
LANDLOCKED	2006	C				Y	ZABEEL ex SECOVER (DANEHILL)
MATRAS	2001	F	G3			Y	ZABEEL ex TROPICAL AFFAIR (DANEHILL)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
MS FUNOVITS	2010	F	G2			Y	RESET ex ILLUSIONAL (REDOUTE'S CHOICE)
MYSTIC PRINCE	2009	G	G2			Y	RESET ex PURFECT SIZE (CATBIRD)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
OLDER THAN TIME	2006	F				Y	DON EDUARDO ex UP THE HILL (DANEHILL)
PASADENA GIRL	2012	F	G1			Y	SAVABEEL ex NINA FROM PASADENA (REDOUTE'S CHOICE)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
PREFERMENT	2011	C	G1			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
RAY'S GIRL	2009	F				Y	SAVABEEL ex NATURAL RHYTHM (VIKING RULER)
REAL CHARM	2010	F				Y	RESET ex PURFECT SIZE (CATBIRD)
REZONED	2010	F	G3			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
SHOREHAM	2009	G				Y	RESET ex TENEALES PEARL (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
SPIRIT BIRD	2012	F	G3			Y	SAVABEEL ex PRESS LEAK (ROCK OF GIBRALTAR)
STAR OF GISELLE	2007	F	G2			Y	RESET ex PRINCESA (DANEHILL)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TRIED AND TIRED	2009	C				Y	NIELLO ex YAWN (REDOUTE'S CHOICE)
TULLAMORE	2006	G	G2			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
TURNER BAYOU	2008	G				Y	ZABEEL ex CLASSY CHOICE (REDOUTE'S CHOICE)
VENGEANCE OF RAIN	2000	G	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
VESPER	2006	G				Y	ZABEEL ex SYLVANER (DANASINGA)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WARM LOVE	2007	F				Y	OCTAGONAL ex CHARANGAS (FLYING SPUR)

Stakes winners bred from the ZABEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)
YOU'RE SO GOOD	2009	F				Y	SAVABEEL ex LIGHTNING SPUR (FLYING SPUR)
ZABENE	2003	C				Y	ZABEEL ex EMERALD DREAM (DANEHILL)
ZABRASIVE	2006	G	G1			Y	ZABEEL ex DANASIA (DANEHILL)
ZACROONA	2004	G	G3			Y	ZABEEL ex SINGALONG (DANASINGA)
ZAGREB (AUS)	2004	C				Y	ZABEEL ex DANSINO (DANEHILL)
ZAUBERIN	2005	F				Y	ZABEEL ex ZALI (DANEHILL)
ZEPHYRON	2008	G	G3			Y	ZABEEL ex DIAMOND LIKE (DANEHILL)
ZINGAM	99	G	G3			Y	ZABEEL ex DANENDRI (DANEHILL)
ZYDECO	2009	F	G2			Y	ZABEEL ex ALL TIME HIGH (FLYING SPUR)

Stakes winners bred from the ZABEEL--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ADROITLY	2007	G				Y	OCTAGONAL ex EASY OUT (ANABAA)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BERLIOZ	2005	C				Y	ZABEEL ex JERVAUX (SLAVIC)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
BRAYROAN	2006	G				Y	ZABEEL ex COMPULSION (DANEHILL)
CASSINI	2005	F	G3			Y	RESET ex MATHEMATICAL (HONOR GRADES)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
COULIS	2006	F				Y	ZABEEL ex FLEISCHER (DANEHILL)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
DISPOSITION	2011	C	G3			Y	RESET ex TEST CASE (TESTA ROSSA)
DISSOLVED	2006	C				Y	LONHRO ex YARRALUMLA (GRAND LODGE)
DIZELLE	2001	F	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
DOSSIER	2000	F				Y	OCTAGONAL ex PAPERING (SHAADI)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FAWKNER	2007	G	G1			Y	RESET ex DANE BELLTAR (DANEWIN)
FITOCRACY	2011	F	G3			Y	DENMAN ex REINE DE JEU (ANABAA)
FIUMICINO	2003	C	G1			Y	ZABEEL ex LATTE (MAROOF)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
IRONSTEIN	2005	G	G3			Y	ZABEEL ex GENTLE GENIUS (DANEHILL)
KAWI	2010	C	G1			Y	SAVABEEL ex MAGIC TIME (VOLKSRAAD)
LAFLEUR	99	F	G2			Y	ZABEEL ex DESERT LILY (GREEN DESERT)
LANDLOCKED	2006	C				Y	ZABEEL ex SECOVER (DANEHILL)
LEEBAZ	2009	G	G2			Y	ZABEEL ex POLISH PRINCESS (POLISH PRECEDENT)
LEGAL EAGLE	2011	C	G1			Y	GREYS INN ex YOUNG SENSATION (NATIONAL EMBLEM)
LIGHTS OF HEAVEN	2007	F	G1			Y	ZABEEL ex I'M IN HEAVEN (VOLKSRAAD)
LONHSPRESSO	2009	F	G2			Y	LONHRO ex AS SIMPLE AS THAT (GRAND LODGE)
MABEEL	2010	C	G3			Y	SAVABEEL ex MA (CAPE CROSS)
MACKNUCKLE	2004	G				Y	MOON ROCKET ex KNUCKLEMANIA (MISTER C.)
MALDIVIAN	2002	C	G1			Y	ZABEEL ex SHYNZI (DANZIG)
MATRAS	2001	F	G3			Y	ZABEEL ex TROPICAL AFFAIR (DANEHILL)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
MS FUNOVITS	2010	F	G2			Y	RESET ex ILLUSIONAL (REDOUTE'S CHOICE)
MYSTIC PRINCE	2009	G	G2			Y	RESET ex PURFECT SIZE (CATBIRD)
NAUTICAL	2009	F	G3			Y	NIELLO ex MAGDA (ANABAA)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
OLDER THAN TIME	2006	F				Y	DON EDUARDO ex UP THE HILL (DANEHILL)
PASADENA GIRL	2012	F	G1			Y	SAVABEEL ex NINA FROM PASADENA (REDOUTE'S CHOICE)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)

Stakes winners bred from the ZABEEL--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
PREFERMENT	2011	C	G1			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
QUIDNUNC	2007	F				Y	LONHRO ex DORKY (GRAND LODGE)
RASPBERRIES	2007	F	G3			Y	LONHRO ex LA MELBA (GRAND LODGE)
RAY'S GIRL	2009	F				Y	SAVABEEL ex NATURAL RHYTHM (VIKING RULER)
REAL CHARM	2010	F				Y	RESET ex PURFECT SIZE (CATBIRD)
REZONED	2010	F	G3			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
SAINTHOOD	2005	G				Y	LONHRO ex BONNE FAMILLE (ANABAA)
SAVABILL	2008	G				Y	SAVABEEL ex ILLUMINATE (DESERT SUN)
SCOUTING WIDE	2004	G				Y	ZABEEL ex GARDD (SHEIKH ALBADOU)
SHOREHAM	2009	G				Y	RESET ex TENEALLES PEARL (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
SPIRIT BIRD	2012	F	G3			Y	SAVABEEL ex PRESS LEAK (ROCK OF GIBRALTAR)
STAR OF GISELLE	2007	F	G2			Y	RESET ex PRINCESA (DANEHILL)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TRIED AND TIRED	2009	C				Y	NIELLO ex YAWN (REDOUTE'S CHOICE)
TULLAMORE	2006	G	G2			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
TURNER BAYOU	2008	G				Y	ZABEEL ex CLASSY CHOICE (REDOUTE'S CHOICE)
VENGEANCE OF RAIN	2000	G	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
VESPER	2006	G				Y	ZABEEL ex SYLVANER (DANASINGA)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WARM LOVE	2007	F				Y	OCTAGONAL ex CHARANGAS (FLYING SPUR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)
YOU'RE SO GOOD	2009	F				Y	SAVABEEL ex LIGHTNING SPUR (FLYING SPUR)
ZABENE	2003	C				Y	ZABEEL ex EMERALD DREAM (DANEHILL)
ZABISCO	2007	C	G3			Y	ZABEEL ex ARTHENA (DESERT SUN)
ZABRASIVE	2006	G	G1			Y	ZABEEL ex DANASIA (DANEHILL)
ZACROONA	2004	G	G3			Y	ZABEEL ex SINGALONG (DANASINGA)
ZAGREB (AUS)	2004	C				Y	ZABEEL ex DANSINO (DANEHILL)
ZARZUELA	2006	F	G2			Y	ZABEEL ex STAR SATIRE (VOLKSRAAD)
ZAUBERIN	2005	F				Y	ZABEEL ex ZALI (DANEHILL)
ZEPHYRON	2008	G	G3			Y	ZABEEL ex DIAMOND LIKE (DANEHILL)
ZINGAM	99	G	G3			Y	ZABEEL ex DANENDRI (DANEHILL)
ZURELLA	2008	F	G2			Y	ZABEEL ex DONEZE GIRL (VOLKSRAAD)
ZYDECO	2009	F	G2			Y	ZABEEL ex ALL TIME HIGH (FLYING SPUR)

## **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