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	NORTHERN DANCER (B/C)	NEARCTIC
	SADLER'S WELLS (C/S)	NATALMA
	1 FAIRY BRIDGE	BOLD REASON
HIGH CHAPARRAL		SPECIAL
	DARSHAAN (Q)	SHIRLEY HEIGHTS
	KASORA	DELSY
	KOZANA	KRIS
DUNDEEL		KOBLENZA
(2009)	SIR TRISTRAM (Q)	SIR IVOR
	ZABEEL (Q)	ISOLT
	LADY GISELLE	1 NUREYEV
STAREEL		VALDERNA
	FIESTA STAR	LUSKIN STAR
STARING		VERY MERRY
	SWEET VIOLET	IN THE PURPLE
Prospective foal		SUGAR DOLL
	DANEHILL (Q)	DANZIG
	REDOUTE'S CHOICE (Q)	RAZYANA
	SHANTHA'S CHOICE	CANNY LAD
SNITZEL		DANCING SHOW
	SNIPPETS	LUNCHTIME
	SNIPPETS' LASS	EASY DATE
	SNOW FINCH	STORM BIRD
LUDICROUS MODE		A REALGIRL
(2016)	UNBRIDLED'S SONG (Q)	UNBRIDLED
	FIRST DEFENCE	TROLLEY SONG
	HONEST LADY	SEATTLE SLEW
NOTHIN BUT A DREAM		TOUSSAUD
	NORTHERN FLAGSHIP	NORTHERN DANCER
DARLING ALICE		NATIVE PARTNER
	ADARLING	ALLEGED
		AVOWAL

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

Roman Dosage Profile: (1-0-3-2-0)

D.I.: 0.71 C.D.: 0.00

Werk Quality Rating: Q 5

Dosage Points: 6 + Quality Points: 16 = Total Points: 22

5-Generation Inbreeding: NORTHERN DANCER - 4m x 5m

Stakes winners bred from the HIGH CHAPARRAL--REDOUTE'S CHOICE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACE HIGH	2014	C	G1			Y	HIGH CHAPARRAL ex COME SUNDAY (REDOUTE'S CHOICE)
D'ARGENTO	2014	C	G1			Y	SO YOU THINK ex FULLAZZ (REDOUTE'S CHOICE)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
FASIKA	2015	F	G2			Y	SO YOU THINK ex JARADA (REDOUTE'S CHOICE)
ILLATION	2018	C				Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
INFERENCE	2013	C	G1			Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
ROCKETING BY	2017	C	G3			Y	SO YOU THINK ex ACROSS THE MOON (STRATUM)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)

GeoNicks™ Australasia

DUNDEEL--LUDICROUS MODE

A+++ *Triple Plus*

Based on the HIGH CHAPARRAL--REDOUTE'S CHOICE cross



This cross has produced 8 stakes winners in Australasia, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACE HIGH	2014	C	G1			Y	HIGH CHAPARRAL ex COME SUNDAY (REDOUTE'S CHOICE)
INFERENCE	2013	C	G1			Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
D'ARGENTO	2014	C	G1			Y	SO YOU THINK ex FULLAZZ (REDOUTE'S CHOICE)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)
FASIKA	2015	F	G2			Y	SO YOU THINK ex JARADA (REDOUTE'S CHOICE)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
ROCKETING BY	2017	C	G3			Y	SO YOU THINK ex ACROSS THE MOON (STRATUM)
ILLATION	2018	C				Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)

GeoNicks™ Europe

DUNDEEL--LUDICROUS MODE

A (281%)

Based on the HIGH CHAPARRAL--DANEHILL cross



This cross has produced 11 stakes winners in Europe, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
FREE EAGLE	2011	C	G1			Y	HIGH CHAPARRAL ex POLISHED GEM (DANEHILL)
RAYMOND TUSK	2015	C	G2			Y	HIGH CHAPARRAL ex DANCING SHOES (DANEHILL)
ABOVE AVERAGE	2006	C	G3			Y	HIGH CHAPARRAL ex CRYSTAL VALKYRIE (DANEHILL)
NOLL WALLOP	2007	C	G3			Y	HIGH CHAPARRAL ex ANNIE GIRL (DANEHILL)
FANOULPIFER	2011	C				Y	HIGH CHAPARRAL ex FURBESETA (DANEHILL DANCER)
LADY HEIDI	2011	F				Y	HIGH CHAPARRAL ex WATER FEATURE (DANSILI)
BIG COUNTRY	2013	C				Y	HIGH CHAPARRAL ex MOUNT ELIZA (DANEHILL)
STONE TORNADO	2016	F				Y	TORONADO ex IRISHSTONE (DANEHILL DANCER)
WASMYA	2016	F				Y	TORONADO ex LAMORLAYE (DANEHILL DANCER)
ALDRODOVAR	2017	C				Y	LORD CHAPARRAL ex ALABAMA BLUES (DESERT KING)
LEGIONARIO	2016	C				Y	TORONADO ex BREAK TIME (DANSILI)

GeoNicks™ North America

DUNDEEL--LUDICROUS MODE

A+ (1432%)

Based on the HIGH CHAPARRAL--DANZIG cross



This cross has produced 3 stakes winners in North America, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
WROTE	2009	C	G1			Y	HIGH CHAPARRAL ex DESERT CLASSIC (GREEN DESERT)
TRIBHUVAN	2016	C	G1			Y	TORONADO ex MAHENDRA (NEXT DESERT)
GYPSY EYES	2013	F				Y	HIGH CHAPARRAL ex BROWN EYES (DANEHILL)

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

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)

Stakes winners bred from the DUNDEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ATYAAB	2015	C	G1			Y	DUNDEEL ex SYLVANER (DANASINGA)
CERBERUS	2018	C				Y	DUNDEEL ex SCARLET MORETTA (FASTNET ROCK)
CUTADEEL	2015	C				Y	DUNDEEL ex DINEETA (DYLAN THOMAS)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)
VICTORIA QUAY	2017	F	G2			Y	DUNDEEL ex SWAN RIVER (DANEHILL DANCER)

Stakes winners bred from the HIGH CHAPARRAL--REDOUTE'S CHOICE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACE HIGH	2014	C	G1			Y	HIGH CHAPARRAL ex COME SUNDAY (REDOUTE'S CHOICE)
D'ARGENTO	2014	C	G1			Y	SO YOU THINK ex FULLAZZ (REDOUTE'S CHOICE)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
FASIKA	2015	F	G2			Y	SO YOU THINK ex JARADA (REDOUTE'S CHOICE)
ILLATION	2018	C				Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
INFERENCE	2013	C	G1			Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
ROCKETING BY	2017	C	G3			Y	SO YOU THINK ex ACROSS THE MOON (STRATUM)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)

Stakes winners bred from the SADLER'S WELLS--REDOUTE'S CHOICE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACE HIGH	2014	C	G1			Y	HIGH CHAPARRAL ex COME SUNDAY (REDOUTE'S CHOICE)
ADELONG	2015	F				Y	MEDAGLIA D'ORO ex SNOWGUMS (REDOUTE'S CHOICE)
ARTORIUS	2018	C	G1			Y	FLYING ARTIE ex GRACIE'S LASS (REDOUTE'S CHOICE)
D'ARGENTO	2014	C	G1			Y	SO YOU THINK ex FULLAZZ (REDOUTE'S CHOICE)
EMPEROR OF THE SUN	2017	C				Y	GALILEO ex ZOUZOU (REDOUTE'S CHOICE)
EMPEROR'S WAY	2013	C				Y	ROMAN EMPEROR (NZ) ex LAYLIA (REDOUTE'S CHOICE)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
FASIKA	2015	F	G2			Y	SO YOU THINK ex JARADA (REDOUTE'S CHOICE)
FLIT	2016	F	G1			Y	MEDAGLIA D'ORO ex GLISSADE (REDOUTE'S CHOICE)
GYPSY GODDESS	2018	F	G1			Y	TARZINO ex INVISIBLE COIN (REDOUTE'S CHOICE)
ILLATION	2018	C				Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
IN THE BOAT	2017	C				Y	NOSTRADAMUS ex ALMOST CRYSTAL (SNITZEL)
INFERENCE	2013	C	G1			Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
MISS FABULASS	2015	F	G2			Y	FRANKEL ex SAMANTHA MISS (REDOUTE'S CHOICE)
PARAGLIDE	2015	C				Y	MEDAGLIA D'ORO ex OUTDOOR (REDOUTE'S CHOICE)
POHUTUKAWA	2015	F	G3			Y	MEDAGLIA D'ORO ex LUMINA (REDOUTE'S CHOICE)
ROCKETING BY	2017	C	G3			Y	SO YOU THINK ex ACROSS THE MOON (STRATUM)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)

Stakes winners bred from the HIGH CHAPARRAL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ABOVE AVERAGE	2006	C	G3			Y	HIGH CHAPARRAL ex CRYSTAL VALKYRIE (DANEHILL)
ACE HIGH	2014	C	G1			Y	HIGH CHAPARRAL ex COME SUNDAY (REDOUTE'S CHOICE)
ALDRODOVAR	2017	C				Y	LORD CHAPARRAL ex ALABAMA BLUES (DESERT KING)
ATYAAB	2015	C	G1			Y	DUNDEEL ex SYLVANER (DANASINGA)
BELLATRIX BLACK	2018	F	G3			Y	REDWOOD ex DARK ARTS (MASTERCRAFTSMAN)
BEST SELLER	2019	F	G3			Y	WROTE ex STAR AMAZING (DANROAD)
BIG COUNTRY	2013	C				Y	HIGH CHAPARRAL ex MOUNT ELIZA (DANEHILL)
BLACK THORN	2013	C				Y	REDWOOD ex VEVA GIRL (FASTNET ROCK)
CASCAPEDIA	2014	F	G2			Y	HIGH CHAPARRAL ex JANOUBI (DANSILI)
CERBERUS	2018	C				Y	DUNDEEL ex SCARLET MORETTA (FASTNET ROCK)
CHARMONT	2011	F				Y	HIGH CHAPARRAL ex MARTIQUE (DANEHILL)
CHEVAUCHEE	2012	F				Y	HIGH CHAPARRAL ex CHEVALERESSE (DANEHILL)
CORNER POCKET	2016	C				Y	TORONADO ex BAIZE (COMMANDS)
CUTADEEL	2015	C				Y	DUNDEEL ex DINEETA (DYLAN THOMAS)
D'ARGENTO	2014	C	G1			Y	SO YOU THINK ex FULLAZZ (REDOUTE'S CHOICE)
ECUADOR	2009	C				Y	HIGH CHAPARRAL ex BAK DA PRINCESS (DANSKE)
ENAAD	2011	C	G1			Y	HIGH CHAPARRAL ex AL ANOOD (DANEHILL)
ENTENTE	2016	C	G3			Y	DUNDEEL ex NEXTESS (STRATUM)
ESPRESSO MARTINI	2015	F				Y	HIGH CHAPARRAL ex KEEPA CRUISIN (KEEPER)
FABRIZIO	2011	C	G3			Y	HIGH CHAPARRAL ex DESINA (DESERT KING)
FANOULPIFER	2011	C				Y	HIGH CHAPARRAL ex FURBESETA (DANEHILL DANCER)
FASIKA	2015	F	G2			Y	SO YOU THINK ex JARADA (REDOUTE'S CHOICE)
FOREVER LOVED	2010	F	G2			Y	HIGH CHAPARRAL ex DIAMOND LIKE (DANEHILL)
FREE EAGLE	2011	C	G1			Y	HIGH CHAPARRAL ex POLISHED GEM (DANEHILL)
GYPSY EYES	2013	F				Y	HIGH CHAPARRAL ex BROWN EYES (DANEHILL)
HI WORLD	2011	C	G3			Y	HIGH CHAPARRAL ex BEAUTY WORLD (DANEHILL DANCER)
HIGHLAD	2013	C	G3			Y	HIGH CHAPARRAL ex MY LADY'S CHAMBER (ARENA (AUS))
HIPPOPUS	2009	C				Y	HIGH CHAPARRAL ex STRAIGHT EIGHT (DANSKE)
HOME GROUND	2015	C				Y	HIGH CHAPARRAL ex FIRST LOOK (DANEHILL DANCER)
ILLATION	2018	C				Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
INFERENCE	2013	C	G1			Y	SO YOU THINK ex PONTIANA (REDOUTE'S CHOICE)
JENNIFER LYNN	2013	F				Y	HIGH CHAPARRAL ex ESPURANTE (FLYING SPUR)
LACED UP HEELS	2019	F				Y	TORONADO ex A CITY GIRL (EXCEED AND EXCEL)
LADY HEIDI	2011	F				Y	HIGH CHAPARRAL ex WATER FEATURE (DANSILI)
LAVERROD	2016	C				Y	TORONADO ex DEMASHEEN (FASTNET ROCK)
LEGIONARIO	2016	C			Y		TORONADO ex BREAK TIME (DANSILI)
MAJESTIC COLOUR	2018	C	G3			Y	SO YOU THINK ex VIVID DIAMONTE (FASTNET ROCK)
NAKEETA JANE	2015	F	G1			Y	SO YOU THINK ex LUSTRE LADY (FLYING SPUR)
NEW TIPPERARY	2012	C	G3			Y	HIGH CHAPARRAL ex ASSERTIVENESS (DANEHILL)
NIGHT'S WATCH	2013	C	G3			Y	REDWOOD ex GLORY RUN (EXCEED AND EXCEL)
NOLL WALLOP	2007	C	G3			Y	HIGH CHAPARRAL ex ANNIE GIRL (DANEHILL)
NORTHWEST PASSAGE	2013	C				Y	SO YOU THINK ex DANEVADE (DANEHILL)
OMEI SWORD	2013	F	G2			Y	HIGH CHAPARRAL ex IRISH LIGHT (FASTNET ROCK)
PALAISIPAN	2017	F	G2			Y	SO YOU THINK ex TOUCH OF RED (FASTNET ROCK)

Stakes winners bred from the HIGH CHAPARRAL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
PERFECT THOUGHT	2019	C	G3			Y	SO YOU THINK ex PERFECTLY SAFE (EXCEED AND EXCEL)
PLATINUM INVADOR	2015	C	G3			Y	REDWOOD ex ATOMIC DANCER (DANEHILL DANCER)
PONDAROSA MISS	2010	F	G1			Y	HIGH CHAPARRAL ex BAK DA PRINCESS (DANSKE)
QUICK THINKER	2016	C	G1			Y	SO YOU THINK ex ACOUPLAMAS (AL MAHER)
RAYMOND TUSK	2015	C	G2			Y	HIGH CHAPARRAL ex DANCING SHOES (DANEHILL)
RED ALTO	2012	C	G3			Y	HIGH CHAPARRAL ex LA SANGRE (FASTNET ROCK)
ROCK ON WOOD	2014	C	G1			Y	REDWOOD ex ROCK ON RYE (CATCHER IN THE RYE)
ROCKETING BY	2017	C	G3			Y	SO YOU THINK ex ACROSS THE MOON (STRATUM)
ROMANCER	2013	C				Y	REDWOOD ex ROMANTICALLY (FOREPLAY)
SACRED EYE	2012	F	G3			Y	HIGH CHAPARRAL ex MUSIDORA (ROCK OF GIBRALTAR)
SHELBY COBRA	2017	C				Y	TORONADO ex SEGENHOE VALLEY (DANE SHADOW)
SHELBY SIXTYSIX	2016	C	G1			Y	TORONADO ex STORM KITE (HONOURS LIST)
SHERRIF	2014	C	G3			Y	HIGH CHAPARRAL ex J'ADANE (DANEHILL)
SILVERA	2013	C				Y	HIGH CHAPARRAL ex SILVER TIARA (FEROCITY)
SO YOU ASSUME	2017	F	G2			Y	SO YOU THINK ex REMLAPS JEWEL (CHOISIR)
SOLAIA	2017	F				Y	TORONADO ex ISOLA BLU (BLACKFRIARS)
STILL A STAR	2016	F	G2			Y	TORONADO ex LITA (CASINO PRINCE (AUS))
STONE TORNADO	2016	F				Y	TORONADO ex IRISHSTONE (DANEHILL DANCER)
SUPER SETH	2016	C	G1			Y	DUNDEEL ex SALUTATIONS (REDOUTE'S CHOICE)
THE PINNACLE	2013	F	G3			Y	SO YOU THINK ex SPIRE (DANEHILL)
THEANSWERMIFRIEND	2013	C				Y	HIGH CHAPARRAL ex BLOWIN IN THE WIND (DANEHILL)
THOUGHT OF THAT	2016	C	G3			Y	SO YOU THINK ex HOLD ME CLOSER (DANEHILL DANCER)
TIVACI	2012	C	G1			Y	HIGH CHAPARRAL ex BRECCIA (FASTNET ROCK)
VICTORIA QUAY	2017	F	G2			Y	DUNDEEL ex SWAN RIVER (DANEHILL DANCER)
WASMYA	2016	F				Y	TORONADO ex LAMORLAYE (DANEHILL DANCER)
WINE BUSH	2013	C				Y	HIGH CHAPARRAL ex VINAIVION (FLYING SPUR)
YOUNGSTAR	2014	F	G1			Y	HIGH CHAPARRAL ex STARSPANGLED (DANEHILL)

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 HENRYTHE NAVIGATOR	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