WERK NICK RATING™ A+   (+657%)
(based on the I AM INVINCIBLE - DANEHILL cross)

eNicks

Generated on 02/13/20

				1	NORTHERN DANCER
		DANZIG (I/C)			PAS DE NOM
	GREEN DESERT (Q)				SIR IVOR
		FOREIGN COURIER			COURTLY DEE
INVINCIBLE SPIRIT					SHARPEN UP
		KRIS (Q)			DOUBLY SURE
	RAFHA				ARTAIUS
		ELJAZZI			BORDER BOUNTY

I AM INVINCIBLE
(2004)

					BISCAY
		BLETCHINGLY (Q)			COOGEE
	CANNY LAD (Q)				LUNCHTIME
		JESMOND LASS			BEAUTIFUL DREAMER
CANNARELLE					OUR NATIVE
		ZOFFANY (USA)			GREY DAWN GIRL
	COUNTESS PEDRILLE				CARDINAL
		SISTER PEDRILLE			ROYAL LAW

Prospective foal

				1	NORTHERN DANCER
		DANZIG (I/C)			PAS DE NOM
	DANEHILL (Q)				HIS MAJESTY
		RAZYANA		1	SPRING ADIEU
AL MAHER					HALO
		DON'T SAY HALO			NEVER BABBLE
	SHOW DANCING				NIJINSKY II
		DANCING SHOW			SHOW LADY

TALENTED MISS
(2012)

					BISCAY
		BLETCHINGLY (Q)			COOGEE
	CANNY LAD (Q)				LUNCHTIME
		JESMOND LASS			BEAUTIFUL DREAMER
MAHIRA					BISMARK
		VICE REGAL (Q)			KIND REGARDS
	TILLY FOSTER				ARDISTAN
		GENTLE THOUGHTS			WATCH IT

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 6

Dosage Points: 4   +   Quality Points: 24   =   Total Points: 28

5-Generation Inbreeding: CANNY LAD - 3f x 3f
DANZIG - 4m x 4m

Stakes winners bred from the I AM INVINCIBLE--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ECKSTEIN	2013	F	G3			Y	I AM INVINCIBLE ex COMRIE (CHOISIR)
ESPAANIYAH	2016	F				Y	I AM INVINCIBLE ex CATALONIA (FLYING SPUR)
FIESTA	2015	F	G2			Y	I AM INVINCIBLE ex NOW NOW (DANEHILL DANCER)
I AM ELOQUENT	2016	F				Y	I AM INVINCIBLE ex CHOICE WORDS (CHOISIR)
I'M WESLEY	2012	C				Y	I AM INVINCIBLE ex DANIELA (DANEHILL)
INVINCIBLE STAR	2014	F	G3			Y	I AM INVINCIBLE ex ROMANY FLYER (CATBIRD)
LOVING GABY	2016	F	G1			Y	I AM INVINCIBLE ex MAASTRICHT (MASTERCRAFTSMAN)
OVERSHARE	2014	C	G3			Y	I AM INVINCIBLE ex SAVANNAH'S CHOICE (REDOUTE'S CHOICE)
PAQUIRRI	2015	C	G3			Y	I AM INVINCIBLE ex MISS SOLIS (ORATORIO)
SHE'S SO HIGH	2014	F	G3			Y	I AM INVINCIBLE ex HIGH ACHIEVER (EXCEED AND EXCEL)
STRASBOURG	2016	C	G2			Y	I AM INVINCIBLE ex DANISH SPY (DANE SHADOW)
VICTOREM	2014	C				Y	I AM INVINCIBLE ex PLAYFUL MISS (FOREPLAY)
VINICUNCA	2016	F	G3			Y	I AM INVINCIBLE ex XANDRETTA (FLYING SPUR)
VINNIE EAGLE	2011	G	G3			Y	I AM INVINCIBLE ex SWEET MAGGIE (DANEHILL DANCER)

Generated on 01/12/20

		DANZIG (I/C)	1	NORTHERN DANCER PAS DE NOM
	GREEN DESERT (Q)			
		FOREIGN COURIER		SIR IVOR COURTLY DEE
INVINCIBLE SPIRIT				
	2	KRIS (Q)		SHARPEN UP DOUBLY SURE
	RAFHA			
		ELJAZZI		ARTAIUS BORDER BOUNTY
SHALAA (2013)				
		DANZIG (I/C)	1	NORTHERN DANCER PAS DE NOM
	WAR CHANT			
		HOLLYWOOD WILDCAT		KRIS S. MISS WILDCATTER
	GHURRA			
	2	DIESIS (Q)		SHARPEN UP DOUBLY SURE
	FUTUH			
		HARDSHIP		DRONE HARD AND FAST

Prospective foal

		DANZIG (I/C)	1	NORTHERN DANCER PAS DE NOM
	DANEHILL (Q)			
		RAZYANA	1	HIS MAJESTY SPRING ADIEU
AL MAHER				
		DON'T SAY HALO		HALO NEVER BABBLE
	SHOW DANCING			
		DANCING SHOW		NIJINSKY II SHOW LADY
TALENTED MISS (2012)				
		BLETCHINGLY (Q)		BISCAY COOGEE
	CANNY LAD (Q)			
		JESMOND LASS		LUNCHTIME BEAUTIFUL DREAMER
	MAHIRA			
		VICE REGAL (Q)		BISMARK KIND REGARDS
	TILLY FOSTER			
		GENTLE THOUGHTS		ARDISTAN WATCH IT

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

---

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

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

Werk Quality Rating: Q 6

Dosage Points: 6   +   Quality Points: 20   =   Total Points: 26

5-Generation Inbreeding:
DANZIG - 4m, 4m x 4m
SHARPEN UP - 5m, 5m x
DOUBLY SURE - 5m, 5m x

Stakes winners bred from the INVINCIBLE SPIRIT--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BUONASERA	2015	F	G3			Y	ZEBEDEE ex ROSINA BELLA (ORATORIO)
CLASSICAL TIMES	2014	F				Y	LAWMAN ex SUNDAY TIMES (HOLY ROMAN EMPEROR)
ECKSTEIN	2013	F	G3			Y	I AM INVINCIBLE ex COMRIE (CHOISIR)
ESPAANIYAH	2016	F				Y	I AM INVINCIBLE ex CATALONIA (FLYING SPUR)
FIESTA	2015	F	G2			Y	I AM INVINCIBLE ex NOW NOW (DANEHILL DANCER)
FONTANELICE	2012	F	G3			Y	VALE OF YORK ex CHOOSE ME PLEASE (CHOISIR)
I AM ELOQUENT	2016	F				Y	I AM INVINCIBLE ex CHOICE WORDS (CHOISIR)
I'M WESLEY	2012	C				Y	I AM INVINCIBLE ex DANIELA (DANEHILL)
INVINCIBLE STAR	2014	F	G3			Y	I AM INVINCIBLE ex ROMANY FLYER (CATBIRD)
LOVING GABY	2016	F	G1			Y	I AM INVINCIBLE ex MAASTRICHT (MASTERCRAFTSMAN)
MAROUBRA	2015	F				Y	LAWMAN ex MIRRORBLACK (CLODOVIL)
MUTHMIR	2010	C	G2			Y	INVINCIBLE SPIRIT ex FAIRY OF THE NIGHT (DANEHILL)
OVERSHARE	2014	C	G3			Y	I AM INVINCIBLE ex SAVANNAH'S CHOICE (REDOUTE'S CHOICE)
PAQUIRRI	2015	C	G3			Y	I AM INVINCIBLE ex MISS SOLIS (ORATORIO)
PERSIAN KING	2016	C	G1			Y	KINGMAN ex PRETTY PLEASE (DYLAN THOMAS)
SHE'S SO HIGH	2014	F	G3			Y	I AM INVINCIBLE ex HIGH ACHIEVER (EXCEED AND EXCEL)
STRASBOURG	2016	C	G2			Y	I AM INVINCIBLE ex DANISH SPY (DANE SHADOW)
TWIST 'N' SHAKE	2016	F				Y	KINGMAN ex HIPPY HIPPY SHAKE (DANEHILL DANCER)
VICTOREM	2014	C				Y	I AM INVINCIBLE ex PLAYFUL MISS (FOREPLAY)
VINICUNCA	2016	F	G3			Y	I AM INVINCIBLE ex XANDRETTA (FLYING SPUR)
VINNIE EAGLE	2011	G	G3			Y	I AM INVINCIBLE ex SWEET MAGGIE (DANEHILL DANCER)

Stakes winners bred from the GREEN DESERT--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ABLE ONE	2002	C	G1			Y	CAPE CROSS ex GARDENIA (DANEHILL)
AGENT MURPHY	2011	C	G3			Y	CAPE CROSS ex RASKUTANI (DANSILI)
ALADDINE	2014	F	G3			Y	NAAQOOS ex KATERINI (CACIQUE)
ARCADIA ROSE	2010	F				Y	KHELEYF ex ARCADIA (REDOUTE'S CHOICE)
BUONASERA	2015	F	G3			Y	ZEBEDEE ex ROSINA BELLA (ORATORIO)
CLASSICAL TIMES	2014	F				Y	LAWMAN ex SUNDAY TIMES (HOLY ROMAN EMPEROR)
CROSSPEACE	2002	C				Y	CAPE CROSS ex ANNOUNCING PEACE (DANEHILL)
DANCING STAR	2013	F	G3			Y	AQLAAM ex STRICTLY DANCING (DANEHILL DANCER)
ECKSTEIN	2013	F	G3			Y	I AM INVINCIBLE ex COMRIE (CHOISIR)
ENCRYPTED	2015	C			Y		SHOWCASING ex DISCLOSE (DANSILI)
ESPAANIYAH	2016	F				Y	I AM INVINCIBLE ex CATALONIA (FLYING SPUR)
FIESTA	2015	F	G2			Y	I AM INVINCIBLE ex NOW NOW (DANEHILL DANCER)
FLORILEGIUM	2001	F				Y	CAPE CROSS ex GARDENIA (DANEHILL)
FONTANELICE	2012	F	G3			Y	VALE OF YORK ex CHOOSE ME PLEASE (CHOISIR)
FROZEN JUKE	2016	C				Y	FROZEN POWER ex LABBA (TIGER HILL)
GIFT OF POWER	2014	F	G2			Y	POWER ex CAPITAL DIAMOND (LUCKY UNICORN)
HAMARIYNA	2016	F	G3			Y	SEA THE MOON ex HANAKIYYA (DANEHILL DANCER)
HEBAH	2014	F				Y	SEA THE STARS ex LIA (DESERT KING)
I AM ELOQUENT	2016	F				Y	I AM INVINCIBLE ex CHOICE WORDS (CHOISIR)
I'M WESLEY	2012	C				Y	I AM INVINCIBLE ex DANIELA (DANEHILL)
INVINCIBLE STAR	2014	F	G3			Y	I AM INVINCIBLE ex ROMANY FLYER (CATBIRD)
JOYEUSE	2011	F				Y	OASIS DREAM ex KIND (DANEHILL)
LAVENDER'S BLUE	2016	F	G3			Y	SEA THE STARS ex BEATRICE AURORE (DANEHILL DANCER)
LOVING GABY	2016	F	G1			Y	I AM INVINCIBLE ex MAASTRICHT (MASTERCRAFTSMAN)
MAJESTIC QUEEN	2010	F	G3			Y	KHELEYF ex NIGHT FAIRY (DANEHILL)
MAROUBRA	2015	F				Y	LAWMAN ex MIRRORBLACK (CLODOVIL)
MITCHUM SWAGGER	2012	C				Y	PACO BOY ex DONT DILI DALI (DANSILI)
MUTHMIR	2010	C	G2			Y	INVINCIBLE SPIRIT ex FAIRY OF THE NIGHT (DANEHILL)
MY TITANIA	2011	F	G3			Y	SEA THE STARS ex FAIRY OF THE NIGHT (DANEHILL)
NAYARRA	2009	F	G1			Y	CAPE CROSS ex MASSARRA (DANEHILL)
NEMEZIS	2016	F				Y	SEA THE STARS ex REZYANA (REDOUTE'S CHOICE)
OVERSHARE	2014	C	G3			Y	I AM INVINCIBLE ex SAVANNAH'S CHOICE (REDOUTE'S CHOICE)
PACODALI	2013	C	G3			Y	PACO BOY ex DONT DILI DALI (DANSILI)
PAQUIRRI	2015	C	G3			Y	I AM INVINCIBLE ex MISS SOLIS (ORATORIO)
PATZEFREDO	2017	C				Y	PENNY'S PICNIC ex LILI ST CYR (ROCK OF GIBRALTAR)
PEACE ENVOY	2014	C	G3			Y	POWER ex HOH MY DARLING (DANSILI)
PERSIAN KING	2016	C	G1			Y	KINGMAN ex PRETTY PLEASE (DYLAN THOMAS)
QUEST THE MOON	2016	C	G3			Y	SEA THE MOON ex QUESTABELLA (ROCK OF GIBRALTAR)
RESPIN	2014	F				Y	POWER ex DANCING FOREVER (KEEPER)
SEPTEMBER STARS	2013	F				Y	SEA THE STARS ex ALTESSE IMPERIALE (ROCK OF GIBRALTAR)
SHE'S SO HIGH	2014	F	G3			Y	I AM INVINCIBLE ex HIGH ACHIEVER (EXCEED AND EXCEL)
STAGE PLAY	2016	F				Y	OASIS DREAM ex BOASTFUL (CLODOVIL)
STAR TERMS	2016	F				Y	SEA THE STARS ex BEST TERMS (EXCEED AND EXCEL)
STELLAR MASS	2013	C	G3			Y	SEA THE STARS ex JUNO MARLOWE (DANEHILL)

Stakes winners bred from the GREEN DESERT--DANEHILL cross

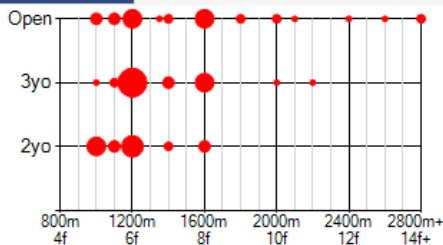| Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
STRASBOURG	2016	C	G2			Y	I AM INVINCIBLE ex DANISH SPY (DANE SHADOW)
TROPBEAU	2017	F	G2			Y	SHOWCASING ex FRANGIPANNI (DANSILI)
TWIST 'N' SHAKE	2016	F				Y	KINGMAN ex HIPPY HIPPY SHAKE (DANEHILL DANCER)
VIANA	2008	F				Y	VOLKSRAAD ex HECUBA (DANZERO)
VICTOREM	2014	C				Y	I AM INVINCIBLE ex PLAYFUL MISS (FOREPLAY)
VINICUNCA	2016	F	G3			Y	I AM INVINCIBLE ex XANDRETTA (FLYING SPUR)
VINNIE EAGLE	2011	G	G3			Y	I AM INVINCIBLE ex SWEET MAGGIE (DANEHILL DANCER)
WEST END GIRL	2017	F	G3			Y	GOLDEN HORN ex FREE REIN (DANSILI)

Stallion Match : SHALAA X TALENTED MISS

This is a 20/20 Mating

A 20/20 mating occurs when a pattern has two or more Graded Stakes Winners with CSI values above 20.
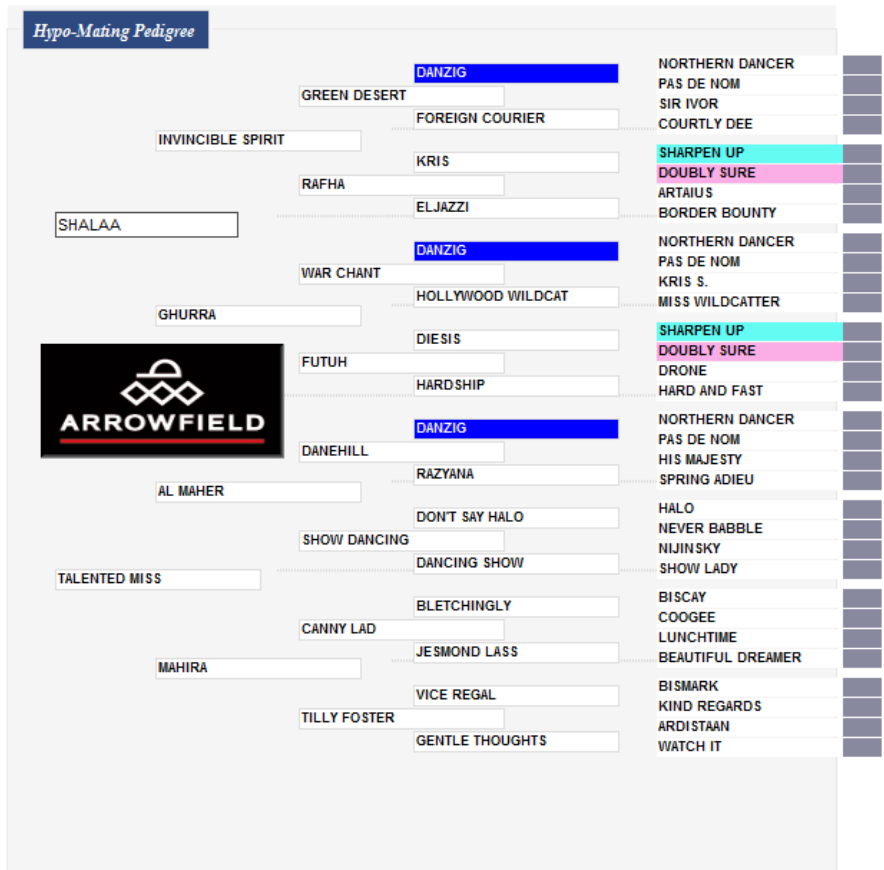*This indicates that this pedigree is exceptional as there are at least two superior horses with a very similar pattern.*

Graded Stakeswinners with same pattern

View	Name	G1	G2	G3	E	CSI
View	MUTHMIR	0	3	0	0	22
View	I AM INVINCIBLE	0	0	1	0	22
View	ABLE ONE	3	2	2	0	15
View	KUSI	1	0	1	0	15
View	NAYARRA	1	0	0	0	15
View	MAJESTIC QUEEN	0	0	2	0	15
View	BRAZEN BEAU	2	2	0	15	14
View	OVERSHARE	0	0	1	25	14
View	LIBERTINI	0	2	0	15	12
View	ECKSTEIN	0	0	2	15	12
View	SHOALS	3	0	2	7	10
View	OUTBACK PRINCE	1	1	0	0	10
View	PERSIAN KING	1	0	2	22	10
View	IT HAS TO BE YOU	1	0	0	0	10
View	MOST IMPROVED	1	0	0	15	10

1 2 3

Aptitude Profile

The Aptitude Profile shows the Age and Distance range of
Stakeswinners bred with this pattern. The larger the Red Dot, the

Hypo-Mating Pedigree

		DANZIG	NORTHERN DANCER / PAS DE NOM
	GREEN DESERT		SIR IVOR / COURTLY DEE
INVINCIBLE SPIRIT		FOREIGN COURIER	
		KRIS	SHARPEN UP / DOUBLY SURE
	RAFHA		ARTAIUS / BORDER BOUNTY
		ELJAZZI	
SHALAA			NORTHERN DANCER / PAS DE NOM
		DANZIG	KRIS S. / MISS WILDCATTER
	WAR CHANT	HOLLYWOOD WILDCAT	
GHURRA		DIESIS	SHARPEN UP / DOUBLY SURE
	FUTUH		DRONE / HARD AND FAST
		HARDSHIP	

ARROWFIELD

		DANZIG	NORTHERN DANCER / PAS DE NOM
	DANEHILL		HIS MAJESTY / SPRING ADIEU
AL MAHER		RAZYANA	
		DON'T SAY HALO	HALO / NEVER BABBLE
	SHOW DANCING		NIJINSKY / SHOW LADY
		DANCING SHOW	
TALENTED MISS			BISCAY / COOGEE
		BLETCHINGLY	LUNCHTIME / BEAUTIFUL DREAMER
	CANNY LAD	JESMOND LASS	
MAHIRA		VICE REGAL	BISMARK / KIND REGARDS
	TILLY FOSTER		ARDISTAAN / WATCH IT
		GENTLE THOUGHTS	

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