A	(+233%)	MMLJAN18	Generated on 01/05/1
	(+23376) C'S CHOICE/PINS	1 NORTHERN DANCER (B/C	NEARCTIC
KS ⁻		DANZIG (I/C)	' NATALMA ADMIRAL'S VOYAGE
ALASIA	DANEHIL	PAS DE NOM	PETITIONER
	DANLIIIL	HIS MAJESTY (C)	RIBOT FLOWER BOWL
		RAZYANA	BUCKPASSER
	REDOUTE'S CHOIO	1 SPRING ADIEU CE (Q)	NATALMA
	(96)	BLETCHINGLY (Q)	BISCAY COOGEE
		CANNY LAD (Q) JESMOND LASS	LUNCHTIME
	SHANTH	A'S CHOICE	BEAUTIFUL DREAMER
		NIJINSKY II (C/S)	NORTHERN DANCER FLAMING PAGE
Hip 191		DANCING SHOW SHOW LADY	SIR IVOR
Colt			BEST IN SHOW
Con		LUNCHTIME (Q)	SILLY SEASON
		SNIPPETS	GREAT OCCASION
		EASY DATE	GRAND CHAUDIERE SCAMPERING
	PINS	KAORU STAR (Q)	STAR KINGDOM
		NO FINER	KAORU PIRATE KING
	PRETTY PINS	HUMOUR	REAL DELIGHT
	(2008)	SIR TRISTRAM (Q)	SIR IVOR ISOLT
		MILITARY PLUME (NZ)	IN THE PURPLE
	LUNA TU	ULTRAVIOLET DOR	FRIVOLE
		JUNGLE BOY	TESCO BOY ARTIST'S LICENCE
		MOON STORM CLOUDED	SELHURST
			RAINBURST
	Sibling Identifier: or	Id numbers = same dam only; even numbers =	same sire and dam
		Roman Dosage Profile: (1-2-6-1-0)	
		D.I.: 1.50 C.D.: 0.30	
		Werk Quality Rating: Q 9	
	Dosage Points:	10 + Quality Points: $36 = $ Tota	l Points: 46
	_		
	Best of	Sale:	
	5-Generation	Inbreeding: NORTHERN DANCER	R - 4m, 5m x
		LUNCHTIME - 5f x 4	
		NATALMA - 5m, 5f x SIR IVOR - 5f x 5m	

REDOUTE'S CHOICE

Stands at ARROWFIELD STUD, NSW for a fee of A\$137500

Stakes Winners from the REDOUTE'S CHOICE--SNIPPETS cross

Stakes Winner	Yob	Sex	Best	Dirt AWS Tur	f Pedigree
ATTENTION	2013	С	G2	Y	STRATUMFLAMBOYANCE (SNOWLAND)
TWIST TOPS	2013	F		Y	BENETEAUIMTOPS (HIGH ROLLING)
HAPPY CASH	2012	С	G1	Y	TIME THIEFSNOW QUEEN (SNOWLAND)
COUNTERATTACK	2012	С	G3	Y	REDOUTE'S CHOICEKISMA (SNIPPETS)
ELLE LOU	2011	F	G3	Y	SNITZELSNIPIFY (SNIPPETS)
STRATUM STAR	2011	С	G1	Y	STRATUMPURELY SPECTACULAR (PINS)
TOMORROWLAND	2010	С		Y	FAST 'N' FAMOUSNEEDLED (PINS)
SINGLE STYLE	2009	F		Y	NOT A SINGLE DOUBTFURLA (SPARTACUS (AUS))
SPEEDY LEO	2008	G		Y	NADEEMLEONINA (SNIPPETS)
CRYSTAL LILY	2007	F	G1	Y	STRATUMCRYSTAL SNIP (SNIPPETS)
VIENNESE	2005	F	G3	Y	REDOUTE'S CHOICESNIPPETS' LASS (SNIPPETS)
STOCKADE	2004	С		Y	REDOUTE'S CHOICEOUR SIDE SHOW (SNIPPETS)
SNITZEL	2002	С	G1	Y	REDOUTE'S CHOICESNIPPETS' LASS (SNIPPETS)



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

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
STRATUM STAR	2011	С	G1			Y	STRATUM ex PURELY SPECTACULAR (PINS)
TOMORROWLAND	2010	С				Y	FAST 'N' FAMOUS ex NEEDLED (PINS)



Stakes winners bred from the DANEHILL--SNIPPETS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
AMAETHON	2006	G				Y	AL MAHER ex CRYSTAL SNIP (SNIPPETS)
ARCTIC FLIGHT	2008	F				Y	FLYING SPUR ex SCANDINAVIA (SNIPPETS)
ATTENTION	2013	С	G2			Y	STRATUM ex FLAMBOYANCE (SNOWLAND)
BOOM TIME	2011	С	G1			Y	FLYING SPUR ex BIT OF A RIDE (SNIPPETS)
COUNTERATTACK	2012	С	G3			Y	REDOUTE'S CHOICE ex KISMA (SNIPPETS)
CRYSTAL LILY	2007	F	G1			Y	STRATUM ex CRYSTAL SNIP (SNIPPETS)
DUGAN	2010	G				Y	DARCI BRAHMA ex SNIPZA GOLD (PINS)
ELLE LOU	2011	F	G3			Y	SNITZEL ex SNIPIFY (SNIPPETS)
EXCEEDINGLY GOOD	2005	С	G3			Y	EXCEED AND EXCEL ex COMMON SMYTZER (SNIPPETS)
GOLDEN ARCHER	2008	С				Y	ROCK OF GIBRALTAR ex VIENNETTA (PINS)
HAPPY CASH	2012	С	G1			Y	TIME THIEF ex SNOW QUEEN (SNOWLAND)
HINCHINBROOK	2007	С	G3			Y	FASTNET ROCK ex SNIPPETS' LASS (SNIPPETS)
JAZZ SONG	2010	F	G3			Y	FASTNET ROCK ex ABSOLUT GLAM (SNOWLAND)
JOLIE BAY	2009	F	G2			Y	FASTNET ROCK ex LEGALLY BAY (SNIPPETS)
MAGNUS	2002	С	G1			Y	FLYING SPUR ex SCANDINAVIA (SNIPPETS)
MERCHANT NAVY	2014	С	G1			Y	FASTNET ROCK ex LEGALLY BAY (SNIPPETS)
OVERREACH	2010	F	G1			Y	EXCEED AND EXCEL ex BAHIA (SNIPPETS)
PERFORMER	2015	С				Y	EXCEED AND EXCEL ex GAVROCHE (SNIPPETS)
RAD	2009	С	G3			Y	FOREPLAY ex HOMEGROWN (SNIPPETS)
RED TRACER	2007	F	G1			Y	DANE SHADOW ex KISMA (SNIPPETS)
SABIE	2009	F				Y	EXCEED AND EXCEL ex RONDAVEL (SNIPPETS)
SCANDIVA	2010	F	G2			Y	FASTNET ROCK ex SCANDINAVIA (SNIPPETS)
SHELLSCRAPE	2006	С	G1			Y	DANE SHADOW ex KISMA (SNIPPETS)
SINGLE STYLE	2009	F				Y	NOT A SINGLE DOUBT ex FURLA (SPARTACUS (AUS))
SLOTS	2009	F				Y	CASINO PRINCE (AUS) ex SEREIN (SNIPPETS)
SNITZEL	2002	С	G1			Y	REDOUTE'S CHOICE ex SNIPPETS' LASS (SNIPPETS)
SPARKS FLY	2005	F				Y	FLYING SPUR ex DUAL SPARK (SPARTACUS (AUS))
SPEEDY LEO	2008	G				Y	NADEEM ex LEONINA (SNIPPETS)
STOCKADE	2004	С				Y	REDOUTE'S CHOICE ex OUR SIDE SHOW (SNIPPETS)
STRATUM STAR	2011	С	G1			Y	STRATUM ex PURELY SPECTACULAR (PINS)
TOMORROWLAND	2010	С				Y	FAST 'N' FAMOUS ex NEEDLED (PINS)
TWIST TOPS	2013	F				Y	BENETEAU ex IMTOPS (HIGH ROLLING)
VIENNESE	2005	F	G3			Y	REDOUTE'S CHOICE ex SNIPPETS' LASS (SNIPPETS)
WALDORF	2014	С				Y	HIGHLY RECOMMENDED ex SKITE (PINS)
WANTED	2006	С	G1			Y	FASTNET ROCK ex FRAGMENTATION (SNIPPETS)
WILANDER	2005	С	G2			Y	EXCEED AND EXCEL ex SCANDINAVIA (SNIPPETS)
WITH A CHANCE	2001	G				Y	COMMANDS ex CAREER COLLECTION (SNIPPETS)
WONDERFUL LASS	2007	F				Y	CATBIRD ex CONVENT GIRL (SNIPPETS)



Stakes winners bred from the DANZIG--LUNCHTIME cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
AMAETHON	2006	G				Y	AL MAHER ex CRYSTAL SNIP (SNIPPETS)
ANEED	2000	С				Y	DANEWIN ex CAFE OPERA (LUNCHTIME)
ARCTIC FLIGHT	2008	F				Y	FLYING SPUR ex SCANDINAVIA (SNIPPETS)
ATTENTION	2013	С	G2			Y	STRATUM ex FLAMBOYANCE (SNOWLAND)
BELONG TO MANY	2003	F	G2			Y	BELONG TO ME ex FOILED (SNIPPETS)
BOOM TIME	2011	С	G1			Y	FLYING SPUR ex BIT OF A RIDE (SNIPPETS)
CHOISIR	99	С	G1			Y	DANEHILL DANCER ex GREAT SELECTION (LUNCHTIME)
CONQUERING QUEEN	2005	F				Y	INVINCIBLE SPIRIT ex RIVER DANCE QUEEN (SNIPPETS)
COUNTERATTACK	2012	С	G3			Y	REDOUTE'S CHOICE ex KISMA (SNIPPETS)
CRYSTAL LILY	2007	F	G1			Y	STRATUM ex CRYSTAL SNIP (SNIPPETS)
CRYSTAL WEB	2009	G				Y	HARD SPUN ex CRYSTAL SNIP (SNIPPETS)
DEIHEROS	2011	С				Y	BON HOFFA ex PHILIPPA'S MUSIC (INTEGRA)
DUGAN	2010	G				Y	DARCI BRAHMA ex SNIPZA GOLD (PINS)
ELLE LOU	2011	F	G3			Y	SNITZEL ex SNIPIFY (SNIPPETS)
EXCEEDINGLY GOOD	2005	С	G3			Y	EXCEED AND EXCEL ex COMMON SMYTZER (SNIPPETS)
FIVEANDAHALFSTAR	2009	G	G1			Y	HOTEL GRAND ex CRYPTIC MISS (SNIPPETS)
GOLDEN ARCHER	2008	С				Y	ROCK OF GIBRALTAR ex VIENNETTA (PINS)
HAPPY CASH	2012	С	G1			Y	TIME THIEF ex SNOW QUEEN (SNOWLAND)
HINCHINBROOK	2007	С	G3			Y	FASTNET ROCK ex SNIPPETS' LASS (SNIPPETS)
HOEGAARDEN	2007	G				Y	FLYING SPUR ex INSPECT (INTEGRA)
JAZZ SONG	2010	F	G3			Y	FASTNET ROCK ex ABSOLUT GLAM (SNOWLAND)
JOLIE BAY	2009	F	G2			Υ	FASTNET ROCK ex LEGALLY BAY (SNIPPETS)
LE VAL	2010	G				Υ	SNITZEL ex REDALUCA'S GAZE (INTERGAZE)
MAGDALENA	94	Μ				Υ	SNAADEE ex CAFE OPERA (LUNCHTIME)
MAGNUS	2002	С	G1			Υ	FLYING SPUR ex SCANDINAVIA (SNIPPETS)
MAHA CHAKRI	2003	F				Y	BEAUTIFUL CROWN ex THAI LUNCH (LUNCHTIME)
MERCHANT NAVY	2014	С	G1			Y	FASTNET ROCK ex LEGALLY BAY (SNIPPETS)
NICCANOVA	2013	С	G3			Y	NICCONI ex DANANOVA (SNIPPETSON)
NICOSCENE	2011	С	G2			Υ	NICCONI ex CITISCENE (SNIPPETS)
ORTENSIA	2005	F	G1			Y	TESTA ROSSA ex AERATE'S PICK (PICNICKER)
OVERREACH	2010	F	G1			Υ	EXCEED AND EXCEL ex BAHIA (SNIPPETS)
PERFORMER	2015	С				Υ	EXCEED AND EXCEL ex GAVROCHE (SNIPPETS)
PERIDUKI	2004	G				Υ	PERUGINO ex MIDUKI (SNIPPETS)
PRINCESS KATIE	2007	F				Υ	BIANCONI ex GO GETTER (SNIPPETS)
RAD	2009	С	G3			Υ	FOREPLAY ex HOMEGROWN (SNIPPETS)
RED TRACER	2007	F	G1			Υ	DANE SHADOW ex KISMA (SNIPPETS)
SABIE	2009	F				Υ	EXCEED AND EXCEL ex RONDAVEL (SNIPPETS)
SAN NICASIO	2011	С	G2			Y	HARD SPUN ex MUNCHIE (SNIPPETS)
SCANDIVA	2010	F	G2			Υ	FASTNET ROCK ex SCANDINAVIA (SNIPPETS)
SHELLSCRAPE	2006	С	G1			Y	DANE SHADOW ex KISMA (SNIPPETS)
SINGLE GAZE	2012	F	G1			Y	NOT A SINGLE DOUBT ex REDALUCA'S GAZE (INTERGAZE)
SINGLE STYLE	2009	F				Y	NOT A SINGLE DOUBT ex FURLA (SPARTACUS (AUS))
SLOTS	2009	F				Y	CASINO PRINCE (AUS) ex SEREIN (SNIPPETS)
SNITZEL	2002	С	G1			Y	REDOUTE'S CHOICE ex SNIPPETS' LASS (SNIPPETS)



Stakes winners bred from the DANZIG--LUNCHTIME cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
SPARKS FLY	2005	F				Y	FLYING SPUR ex DUAL SPARK (SPARTACUS (AUS))
SPEEDY LEO	2008	G				Y	NADEEM ex LEONINA (SNIPPETS)
STOCKADE	2004	С				Y	REDOUTE'S CHOICE ex OUR SIDE SHOW (SNIPPETS)
STRATUM STAR	2011	С	G1			Y	STRATUM ex PURELY SPECTACULAR (PINS)
TESTASCANA	2006	G				Y	TESTA ROSSA ex TUSCANNA (SNIPPETS)
TOMORROWLAND	2010	С				Y	FAST 'N' FAMOUS ex NEEDLED (PINS)
TWIST TOPS	2013	F				Y	BENETEAU ex IMTOPS (HIGH ROLLING)
VIENNESE	2005	F	G3			Y	REDOUTE'S CHOICE ex SNIPPETS' LASS (SNIPPETS)
WAGER	2001	F	G2			Y	FLYING SPUR ex OCCASIONAL GAIN (LUNCHTIME)
WALDORF	2014	С				Y	HIGHLY RECOMMENDED ex SKITE (PINS)
WANTED	2006	С	G1			Y	FASTNET ROCK ex FRAGMENTATION (SNIPPETS)
WILANDER	2005	С	G2			Y	EXCEED AND EXCEL ex SCANDINAVIA (SNIPPETS)
WITH A CHANCE	2001	G				Y	COMMANDS ex CAREER COLLECTION (SNIPPETS)
WONDERFUL LASS	2007	F				Y	CATBIRD ex CONVENT GIRL (SNIPPETS)

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	\mathbf{A} +	988%
BRADBURY'S LUCK	Α	485%
TENANT'S TIARA	Α	238%
HE'S NO PIE EATER	Α	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	Α	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 sireline 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 sireline 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.

Nick	Horse	Variant %
A+++	Excellent	+20,000 and above
A++	Superior	+1,501 to + 19,999
A+	Superb	+500 to +1,500
А	Outstanding	+150 to +499
B+	Very Good	+100 to +149
В	Good	+50 to +99
C+	Acceptable	+16 to +49
С	Average	-15 to +15
D+	Weak	-16 to -34
D	Poor	-35 to -49
F	Unsuccessful	-50
0 SW	Zero Stakes Winners	0 SW

The Rating Scale is shown below:

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