



Generated on 01/18/15

	DANZIG (I/C)	1	NORTHERN DANCER
	DANEHILL (Q)		PAS DE NOM
	RAZYANA	1	HIS MAJESTY
	REDOUTE'S CHOICE (Q)		SPRING ADIEU
	CANNY LAD (Q)		BLETCHINGLY
	SHANTHA'S CHOICE	3	JESMOND LASS
	DANCING SHOW		NIJINSKY II
			SHOW LADY
SNITZEL	LUNCHTIME (Q)		SILLY SEASON
(2002)	SNIPPETS		GREAT OCCASION
	EASY DATE		GRAND CHAUDIERE
	SNIPPETS' LASS	1	SCAMPERING
	STORM BIRD (Q)		NORTHERN DANCER
	SNOW FINCH		SOUTH OCEAN
	A REALGIRL		IN REALITY
			SECRET VERDICT
Prospective foal			
	HAIL TO REASON (C)		TURN-TO
	ROBERTO (C)		NOTHIRDCHANCE
	BRAMALEA		NASHUA
	RED RANSOM (Q)		RARELEA
	DAMASCUS (I/C)		SWORD DANCER
	ARABIA		KERALA
	CHRISTMAS WIND		NEARCTIC
			BALLY FREE
WORKHARD	THE MINSTREL (Q)	1	NORTHERN DANCER
(2004)	PALACE MUSIC	3	FLEUR
	COME MY PRINCE		PRINCE JOHN
	FAST WORK		COME HITHER LOOK
	IMPOSING		TODMAN
	PRINCESS JOCINDA		HIALEAH
	JOCASTA		PAKISTAN II
			LAZALA

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

Roman Dosage Profile: (0-2-8-0-0)

D.I.: 1.50 C.D.: 0.20

Werk Quality Rating: Q 7

Dosage Points: 10 + Quality Points: 28 = Total Points: 38

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

Stakes winners bred from the SNITZEL--ROBERTO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
CHANCE BYE	2007	F	G2			Y	SNITZEL ex ROUGE FEMME (RED RANSOM)
ESTONIAN PRINCESS	2010	F	G3			Y	SNITZEL ex MEET MY SIS (PRIZED)

Stakes winners bred from the DANEHILL--ROBERTO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALBERT HALL	2002	C	G2			Y	DANEHILL ex AL THERAAB (ROBERTO)
ALMAZYOON	93	F	G3			Y	DANEHILL ex LUV LUIANA (ROBERTO)
AVENUE OF GOLD	2008	F	G3			Y	ALBERT HALL ex CIRCLE OF GOLD (AL MUFTI)
BANIMPIRE	2008	F	G2			Y	HOLY ROMAN EMPEROR ex MY RENEE (KRIS S.)
BARSINE	99	F				Y	DANEHILL ex AL THERAAB (ROBERTO)
BLACK HEART BART	2010	C		Y		Y	BLACKFRIARS ex SISTER THERESA (AT TALAQ)
BRADBURY'S LUCK	2002	C				Y	REDOUTE'S CHOICE ex SKATING (AT TALAQ)
CANTONESE	2007	G				Y	REDOUTE'S CHOICE ex KYLIKWONG (RED RANSOM)
CAPE KIDNAPPERS	2007	G				Y	COMMANDS ex KIDNAPPER (RED RANSOM)
CATALONIA	2010	C	G2			Y	COMMANDS ex VALPOLICELLA (RED RANSOM)
CELTIC NEW YEAR	2007	G	G2			Y	NORTH LIGHT ex REGGAE QUEEN (DYNAFORMER)
CHANCE BYE	2007	F	G2			Y	SNITZEL ex ROUGE FEMME (RED RANSOM)
CLASSY CHLOE	2008	F				Y	DANERICH ex CAPITAL GROWTH (BROCCO)
COUNTY TYRONE	98	G	G1			Y	DANEWIN ex NICE CHOICE (TOUCHING WOOD)
DANGER LOOMS	2002	C	G2			Y	DANGEROUS ex DIAMONDS FOREVER (AT TALAQ)
DRUMFIRE	2004	C	G3			Y	DANEHILL DANCER ex WITCH OF FIFE (LEAR FAN)
ECLAIR MYSTIC	2007	G				Y	STRATUM ex LEICA SMILE (AT TALAQ)
ESTONIAN PRINCESS	2010	F	G3			Y	SNITZEL ex MEET MY SIS (PRIZED)
EXCELLTASTIC	2005	C				Y	EXCEED AND EXCEL ex FANTAIL (LEAR FAN)
FIESOLANA	2009	F	G1			Y	AUSSIE RULES ex TIDAL REACH (KRIS S.)
FINE BUBBLES	2009	F	G3	Y			CASINO PRINCE (AUS) ex PEKALAN (SRI PEKAN)
GOT FLY	2011	G				Y	EARLY MARCH ex GOTDREAM (LOUP SOLITAIRE)
HONORIUS	2009	C	G3			Y	HOLY ROMAN EMPEROR ex ZARINIA (INTIKHAB)
HONOURS LIST	98	C	G3			Y	DANEHILL ex GOLD SCRIPT (SCRIPT OHIO)
IVAN DENISOVICH	2003	C	G2			Y	DANEHILL ex HOLLYWOOD WILDCAT (KRIS S.)
KOLKATA	2007	G	G2			Y	REQUIEM ex CITY OF JOY (CAPITOL SOUTH)
LASER FAN	2004	F	G3			Y	FANATIC DANE ex SANDTON CITY (AL MUFTI)
MANTISSA	2008	F				Y	ORATORIO ex MARY PEKAN (SRI PEKAN)
MURTAJILL	2004	C	G3			Y	ROCK OF GIBRALTAR ex SKATING (AT TALAQ)
MUTUAL TRUST	2008	C	G1			Y	CACIQUE ex POSTERITAS (LEAR FAN)
MY PROPELLER	2009	F				Y	HOLY ROMAN EMPEROR ex INCISE (DR FONG)
NARROW HILL	2008	G				Y	TIGER HILL ex NAROOMA (SILVER HAWK)
OCTAVIA	2009	F	G3			Y	HOLY ROMAN EMPEROR ex FILMING (BROCCO)
PILLAR OF HERCULES	2004	C	G3			Y	ROCK OF GIBRALTAR ex COAT (BROCCO)
PLACE ROUGE	99	F	G3			Y	DESERT KING ex PALMERAIE (LEAR FAN)
PRIORE PHILIP	2011	C	G1			Y	DANE FRIENDLY ex LAN FORCE (BLU AIR FORCE)
PUNCTILIOUS	2001	F	G1			Y	DANEHILL ex ROBERTET (ROBERTO)
RED RULER	2004	C	G1			Y	VIKING RULER ex RANSOM BAY (RED RANSOM)
REPARATIONS	2008	G		Y		Y	EXCEED AND EXCEL ex HOLD TO RANSOM (RED RANSOM)
ROCK ME BABY	2009	F				Y	ROCK OF GIBRALTAR ex NEWYEARRESOLUTION (ARCH)
ROEDEAN	2000	F	G1			Y	FLYING SPUR ex QUEEN KATHLEEN (AT TALAQ)
ROLLOUT THE CARPET	2009	F	G1			Y	HOLY ROMAN EMPEROR ex OUT OF EGYPT (RED RANSOM)
SHE'S A STUNNER	2008	F	G3			Y	TOREADOR ex LITTLE STUNNER (AL MUFTI)
SMART MISSILE	2008	C	G2			Y	FASTNET ROCK ex COMICAL SMILE (COMIC STRIP)

Stakes winners bred from the DANEHILL--ROBERTO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
SPEEDY NATALIE	2006	F	G3			Y	AL MAHER ex SPEEDY BELL (BROCCO)
SPICY JAM	2012	F				Y	HOLY ROMAN EMPEROR ex JALYS (SRI PEKAN)
STARS ABOVE ME	2011	F				Y	EXCEED AND EXCEL ex KALINOVA (RED RANSOM)
SURGE AHEAD	2010	G				Y	DANEHILL DANCER ex COMICAL SMILE (COMIC STRIP)
SWORN TO SECRECY	2007	F	G2			Y	KEEPER ex HEARTACHE (CASUAL LIES)
TEMIDA	2008	F	G1			Y	ORATORIO ex INTERIM PAYMENT (RED RANSOM)
UNNEFER	2005	C				Y	DANEHILL DANCER ex MIMALIA (SILVER HAWK)
VILANOVA	2010	G	G3			Y	COMMANDS ex VALPOLICELLA (RED RANSOM)
ZERO ROCK	2005	F				Y	DANZERO ex BROCCO 'N' ROLL (BROCCO)

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



HYPOTHETICAL: =Snitzel (AUS) -- =Workhard (AUS)
 Based on the cross of Snitzel (AUS)/Roberto and his sons and grandsons

A+
Variant = 4.64

Hypothetical Foal	=Snitzel (AUS), 02 b	=Redoute's Choice (AUS), 96 b	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b
				Razyana, 81 b	Pas de Nom, 68 dk b/
			=Shantha's Choice (AUS), 92 b	=Canny Lad (AUS), 87 br	=Bletchingly (AUS), 70 br
				Dancing Show, 83 b	=Jesmond Lass (AUS), 75 ch
					Nijinsky II, 67 b
		=Snippets (AUS), 84 b	=Lunchtime (GB), 70 ch	=Great Occasion (GB), 65 ch	
			=Easy Date (AUS), 77 b	/Grand Chaudiere=eng, 68 b	
				=Scampering (AUS), 71 b	
			=Snow Finch, 84 b	Storm Bird, 78 b	Northern Dancer, 61 b
				A Realgirl, 76 b	South Ocean, 67 b
	=Workhard (AUS), 04 b/br	Red Ransom, 87 b	Roberto, 69 b	Hail to Reason, 58 br	*Turn-to, 51 b
				Bramalea, 59 dk b/	Nothidchance, 48 b
			Arabia, 77 b	Damascus, 64 b	Nashua, 52 b
				Christmas Wind, 67 b	Rarelea, 49 b
				Nearctic, 54 br	*Bally Free, 60 b
		=Fast Work (NZ), 89 ch	Palace Music, 81 ch	The Minstrel, 74 ch	Northern Dancer, 61 b
				Come My Prince, 72 ro	Fleur, 64 b
			=Princess Jocinda (NZ), 81 ch	=imposing (AUS), 75 ch	Prince John, 53 ch
				=Jocasta (NZ), 72 ch	=Todman (AUS), 54 ch
					=Pakistan II (GB), 58 ch
=Lazala (NZ), 68 ch					

Pedigree Statistics	
Coefficient of Relatedness: 1.76%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.75%	Unique Ancestors: 361/510

Dosage Information	
Dosage Profile: 0 2 8 0 0	
Dosage Index: 1.50	Center of Distribution: +0.20

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:





HYPOTHETICAL: =Snitzel (AUS) -- =Workhard (AUS)

Based on the cross of Snitzel (AUS)/Roberto and his sons and grandsons

A+

Variant = 4.64

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	13	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	13	Weanlings	2	\$29,250	\$29,250	Starters	3	26	2
Total Starters	26	Yearlings	17	\$110,847	\$78,386	Winners	1	16	1
		2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Snitzel (AUS)	Broodmare Sire Name	Red Ransom
Sire AEI	2.32	Broodmare Sire AEI	1.18
Progeny AWD	6.36 f	Progeny AWD as BM Sire	7.33 f
Chief Earner	Shamus Award (AUS) (\$2,352,308)	Chief Earner	Regal Ransom (\$1,894,835)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	28	14	14	602	5,734
Starters (% Foals of Racing Age)	26 (93%)	13 (93%)	13 (93%)	438 (73%)	3,911 (68%)
Winners (% Starters)	18 (69%)	9 (69%)	9 (69%)	298 (68%)	2,487 (64%)
SW (% Starters)	3 (12%)	1 (8%)	2 (15%)	28 (6%)	179 (5%)
Earnings	\$2,822,276	\$1,506,015	\$1,316,261	\$39,593,501	\$214,626,846
Avg Distance Raced	6.36 f	6.42 f	6.25 f	6.49 f	7.35 f
Avg Winning Distance	6.31 f	6.51 f	5.97 f	6.37 f	7.30 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
<u>CHANCE BYE (AUS)</u>	Mare	2007	Snitzel (AUS)/Red Ransom	G2SW
<u>ESTONIAN PRINCESS (AUS)</u>	Mare	2010	Snitzel (AUS)/Prized	G3SW
<u>ODYSSEY MOON (AUS)</u>	Colt	2012	Snitzel (AUS)/Arch	SW
<u>Top Drop (AUS)</u>	Gelding	2007	Snitzel (AUS)/Red Ransom	G2SP
<u>Perignon (AUS)</u>	Filly	2012	Snitzel (AUS)/Narita Brian (JPN)	G2SP
<u>Hollyweird (AUS)</u>	Mare	2008	Snitzel (AUS)/Narita Brian (JPN)	G3SP
<u>Sweetener (AUS)</u>	Mare	2009	Snitzel (AUS)/Red Ransom	G3SP
<u>Dominating (AUS)</u>	Gelding	2009	Snitzel (AUS)/Red Ransom	SP
<u>Lifou (AUS)</u>	Gelding	2007	Snitzel (AUS)/Red Ransom	Wnr
<u>Bazooka (JPN)</u>	Colt	2012	Snitzel (AUS)/Tanino Gimlet (JPN)	Wnr
<u>Flying Charger (AUS)</u>	Gelding	2010	Snitzel (AUS)/Casual Lies	Wnr
<u>Snitz Kiss (AUS)</u>	Gelding	2007	Snitzel (AUS)/Dr Fong	Wnr
<u>Minnesota (AUS)</u>	Filly	2011	Snitzel (AUS)/Red Ransom	Wnr
<u>Lunar Snitzel (AUS)</u>	Mare	2010	Snitzel (AUS)/Arch	Wnr
<u>Sweet Redemption (AUS)</u>	Filly	2012	Snitzel (AUS)/Red Ransom	Wnr

Pedigree and racing information provided by:



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