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	1	NORTHERN DANCER (B/C)	NEARCTIC NATALMA
		DANZIG (I/C)	ADMIRAL'S VOYAGE
		PAS DE NOM	PETITIONER
DANEHILL (Q)		HIS MAJESTY (C)	RIBOT
		RAZYANA	FLOWER BOWL
	1	SPRING ADIEU	BUCKPASSER
FASTNET ROCK (2001)		NIJINSKY II (C/S)	NATALMA
		ROYAL ACADEMY (B/I)	1 NORTHERN DANCER
		CRIMSON SAINT	FLAMING PAGE
PICCADILLY CIRCUS		MARAUDING	CRIMSON SATAN
		GATANA	BOLERO ROSE
		TWIGALAE	SIR TRISTRAM
			BISCALOWE
			TWIG MOSS
			HONDALAE
Prospective foal			
		BLETCHINGLY (Q)	BISCAY
		COSSACK WARRIOR	COOGEE
		MARY	HERMES (GB)
BRAVE WARRIOR		NIJINSKY II (C/S)	PETINE
		NOTHING TO DO	1 NORTHERN DANCER
		HEART A DANCER	FLAMING PAGE
DYNAMIC LOVE (97)		ZEPHYR BAY (Q)	RAISE A NATIVE
		BLACK ZEPHYR	TIM MARIE
		GAEL	BISCAY
HUNTINGTON GIRL		PURPLE PATCH	HEAVENLY WIND
		GENTLE MARCHESA	GIGANTIC
		BELLE J'AMIE	FEMME FATALE
			PAKISTAN II
			MICHELINE
			TOPIARY
			MOSYNA

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

Roman Dosage Profile: (3-4-7-2-0)

D.I.: 1.91 C.D.: 0.50

Werk Quality Rating: Q 6

Dosage Points: 16 + Quality Points: 12 = Total Points: 28

5-Generation Inbreeding: NORTHERN DANCER - 4m, 5m x 5m
NIJINSKY II - 4m x 4f
BISCAY - x 5m, 5m
NATALMA - 5m, 5f x

Stakes winners bred from the DANEHILL--BLETCHINGLY cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALLGUNADOIT	2000	C	G3			Y	HAAYIL ex SAVING GRACE (TAKE YOUR PARTNER)
BASRA	2001	F	G2			Y	DESERT KING ex DUPION (BLETCHINGLY)
BLUR	99	C	G2			Y	FLYING SPUR ex BALCANNY (CANNY LAD)
CARRARA	2006	C	G2			Y	ELVSTROEM ex CRYSTAL SPRITE (HURRICANE SKY)
CHARM'S HONOUR	2008	F				Y	STRADA ex SHE'S GOT CHARM (BLETCHARM)
CHOISTAR	2006	C				Y	CHOISIR ex SVELDTE (STAR WATCH)
CLOTHILDE	98	F	G3			Y	DANEHILL ex SEIKA (CANNY LAD)
COLLATE	2001	C	G3			Y	CATBIRD ex CALFREE (CANNY LAD)
COMTESSE LA GRAN	2008	F				Y	SAXON ex SCREECH (CANNY LAD)
CONQUERED DREAM	2006	G				Y	COMMANDS ex CONQUERED (STAR WATCH)
CORONGA	2002	C	G3			Y	DANEHILL DANCER ex SILAQUE (SIR LAURENCE)
CROWNED GLORY	97	F	G3			Y	DANEHILL ex SIGNIFICANT MOMENT (BLETCHINGLY)
DANE RIVER	97	G				Y	DANEHILL ex STAR OF LIGHT (STAR WATCH)
DANSINO	95	F				Y	DANEHILL ex LEICA WESTERN (BEST WESTERN)
DENMARKET	2002	C	G2			Y	LORD DANE ex BUSINESS BABE (BLETCHINGLY)
DESERT WAR	2000	G	G1			Y	DESERT KING ex HIGH HEELS (CANNY LAD)
DORF COMMAND	2005	F				Y	COMMANDS ex MEZDORF (COSSACK WARRIOR)
DYLAN'S PROMISE	2009	F				Y	DYLAN THOMAS ex MADONNA (RIGOLETTO)
EL CAMBIO	2004	G	G2			Y	COMMANDS ex CHAPARRA (CANNY LAD)
EPIC DRAGON	2007	C				Y	AL MAHER ex TOP TIPS (CANNY LAD)
ERIC THE VIKING	2005	G				Y	VIKING RULER ex SHRULE GROVE (LORD BALLINA)
FILL THE PAGE	2007	F				Y	DANE SHADOW ex DOROTHY DINOSAUR (CANNY LAD)
FIRST COMMAND	2005	G	G2			Y	COMMANDS ex RIVER SERENADE (HURRICANE SKY)
FLYING BABE	98	F	G2			Y	FLYING SPUR ex CAST YOUR FATE (BLETCHINGLY)
HAPPY ZERO	2004	G				Y	DANZERO ex HAVE LOVE (CANNY LAD)
HARLEY MA	2000	F				Y	SHOVHOG ex MARJOYAN (STAR WATCH)
HORIZONS	2006	F				Y	CHOISIR ex UBIQUITY (HURRICANE SKY)
INFERNO	2006	G	G3			Y	DANTE'S FURY ex SAY YOU WILL (BLACK KITE)
JET SPUR	2002	C	G2			Y	FLYING SPUR ex VEROCATIVE (BLETCHINGLY)
JOY OF FLIGHT	99	F	G3			Y	FLYING SPUR ex MERRY LIFE (BLETCHINGLY)
KEEP THE PEACE	2006	F	G1			Y	KEEPER ex PEACE OF MIND (WILD RAMPAGE)
LADY LYNETTE	2004	F	G2			Y	LADONI ex QUEEN'S OWN (CORONATION DAY)
LADYS ANGEL	2006	F				Y	ARENA (AUS) ex LADY SUBLIME (HURRICANE SKY)
LIM'S FIGHTER	2002	G				Y	FLYING SPUR ex SKY WATCH (STAR WATCH)
MILESTONE	2007	C				Y	REDOUTE'S CHOICE ex CANNYANNA (CANNY LAD)
MISS IMAGICA	2007	F				Y	HIDDEN DRAGON ex IMAGICA (SHEDAD)
ONE WORLD	2004	F	G2			Y	DANEHILL DANCER ex RIVER SERENADE (HURRICANE SKY)
PLATINUM SCISSORS	99	C	G1			Y	DANEHILL ex SHANTHA'S CHOICE (CANNY LAD)
PRESENTING	2002	F				Y	REDOUTE'S CHOICE ex CHRISTMAS SPIRIT (BLETCHINGLY)
REDOUTE'S CHOICE	96	C	G1			Y	DANEHILL ex SHANTHA'S CHOICE (CANNY LAD)
RISKY BUSINESS	2004	G				Y	DANEHILL DANCER ex SKY WATCH (STAR WATCH)
ROULETTES	2007	F				Y	FLYING SPUR ex DISCRETION (CANNY LAD)
SAFWA	2002	F				Y	DANEHILL ex SHOWELLA (LORD BALLINA)
SHADOWS IN THE SUN	2007	G	G1			Y	DANE SHADOW ex BEST OUT WEST (BEST WESTERN)

Stakes winners bred from the DANEHILL--BLETCHINGLY cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
SHREWD RHYTHM	2004	C	G3			Y	DANEHILL DANCER ex BALCANNY (CANNY LAD)
SISTER MADLY	2006	F	G2			Y	REDOUTE'S CHOICE ex JADE TIARA (BUREAUCRACY)
SLIDING CUBE	2004	F	G3			Y	ROCK OF GIBRALTAR ex SHANTHA'S CHOICE (CANNY LAD)
SOJUSTREMEMBERTHIS	2001	F				Y	FLYING SPUR ex REMEMBER PRU (BLETCHINGLY)
SPECIAL DANE	94	C	G1			Y	DANEHILL ex WING SPACE (BLETCHINGLY)
STREET SMART	2002	F	G2			Y	LION HUNTER ex IMPEDIMENT (CANNY LAD)
TENNESSEE MIDNIGHT	97	F				Y	DANEHILL ex TENNESSEE MORN (BLETCHINGLY)
THE MIKADO	2006	C				Y	DANEHILL DANCER ex LIRICO (RIGOLETTO)
TREZEVANT	2001	F	G2			Y	FLYING SPUR ex TENNESSEE MAGIC (BLETCHINGLY)
TROPICAL AFFAIR	95	F				Y	DANEHILL ex JUST AS LOVELY (BLETCHINGLY)
UNDUE	2001	C	G1			Y	COMMANDS ex INFLUENCE (BLETCHINGLY)
VOLITANT	2001	C	G3			Y	FLYING SPUR ex SIBON (BLETCHINGLY)
WAR OF THE WORLDS	2002	G				Y	COMMANDS ex CONQUERED (STAR WATCH)
WEST POINT	93	C	G2			Y	DANEHILL ex QUARANTIEME (BLETCHINGLY)
WHOEVER	2001	F				Y	REDOUTE'S CHOICE ex CELEBRATION BELL (TRUE VERSION)

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