

SIRE LINE**BROODMARE
SIRE LINE**

TIMBER COUNTRY

257

WOODMAN

33871

MR. PROSPECTOR

34

448*

902*

EXCEED AND EXCEL

DANEHILL

DANZIG



A (+458%)
 DANEHILL/TIMBER COUNTRY

MMLJAN19

Generated on 01/04/19

	1	NORTHERN DANCER (B/C)	NEARCTIC
		DANZIG (I/C)	NATALMA
		PAS DE NOM	ADMIRAL'S VOYAGE
DANEHILL (Q)		HIS MAJESTY (C)	PETITIONER
		RAZYANA	RIBOT
	1	SPRING ADIEU	FLOWER BOWL
EXCEED AND EXCEL			BUCKPASSER
(2000)	1	NORTHERN DANCER (B/C)	NATALMA
		LOMOND	NEARCTIC
		MY CHARMER	NATALMA
PATRONA			3 POKER
		WATCH YOUR STEP	FAIR CHARMER
		GLADIOLUS	CITATION
		BACK BRITCHES	STEPWISELY
Hip 230			CARRY BACK
Colt			FOXBRITCHES
		MR. PROSPECTOR (B/C)	RAISE A NATIVE
		WOODMAN (Q)	GOLD DIGGER
		PLAYMATE	BUCKPASSER
TIMBER COUNTRY			3 INTRIGUING
		PRETENSE (C)	ENDEAVOUR II
		FALL ASPEN	IMITATION
		CHANGE WATER	SWAPS
TIMBOURINA			PORTAGE
(2000)		LUNCHTIME (Q)	SILLY SEASON
		SNIPPETS	GREAT OCCASION
		EASY DATE	GRAND CHAUDIERE
VALOURINA			SCAMPERING
		ZEPHYR ZIP	ZEPHYR BAY
		BRAVERY	CORSO
		FRONT STAGE	PRINCE TAJ
			BRAVISSIMO

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

Roman Dosage Profile: (3-2-9-0-0)
 D.I.: 2.11 C.D.: 0.57

Werk Quality Rating: Q 6
 Dosage Points: 14 + Quality Points: 14 = Total Points: 28

5-Generation Inbreeding:
NORTHERN DANCER - 4m, 4m x
NATALMA - 5m, 5f, 5m x
BUCKPASSER - 5f x 5f

Stakes winners bred from the EXCEED AND EXCEL--TIMBER COUNTRY cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)

Stakes winners bred from the EXCEED AND EXCEL--WOODMAN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
SHANGHAI GLORY	2013	C				Y	EXCEED AND EXCEL ex HECUBA (HECTOR PROTECTOR)

Stakes winners bred from the EXCEED AND EXCEL--MR. PROSPECTOR cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ABILITY	2012	C	G3			Y	REWARD FOR EFFORT ex PAEROA (DUBAI DESTINATION)
AGULHAS	2009	F				Y	EXCEED AND EXCEL ex ARCTIC DRIFT (GONE WEST)
AIMEE	2011	F	G3			Y	EXCEEDINGLY GOOD ex MEADOW WHISPER (REAL QUIET)
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
BELIEVE'N'SUCCEED	2005	F	G3			Y	EXCEED AND EXCEL ex ARCTIC DRIFT (GONE WEST)
BELLO	2008	G	G3			Y	EXCEED AND EXCEL ex CARA BELLA (SEEKING THE GOLD)
BURATINO	2013	C	G2			Y	EXCEED AND EXCEL ex BERGAMASK (KINGMAMBO)
CALLIOPE	2013	F	G2			Y	EXCEED AND EXCEL ex MELPOMENE (ELUSIVE QUALITY)
CAMPORELLA	2010	F	G3			Y	EXCEED AND EXCEL ex REALLY FLYING (REAL QUIET)
COTAI GLORY	2012	C	G3			Y	EXCEED AND EXCEL ex CONTINUA (ELUSIVE QUALITY)
CURIA REGIS	2009	G				Y	EXCEED AND EXCEL ex COURT LANE (MACHIAVELLIAN)
DANAWI	2015	C	G3			Y	EXCEED AND EXCEL ex SECRET ADMIRER (DUBAWI)
DEGAS	2013	C	G3			Y	EXCEED AND EXCEL ex DIATRIBE (TERTULLIAN)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
FLASHMANS PAPERS	2006	G				Y	EXCEED AND EXCEL ex FRANGLAIS (LION CAVERN)
GUELPH	2010	F	G1			Y	EXCEED AND EXCEL ex CAMARILLA (ELUSIVE QUALITY)
HEAVY METAL	2010	C	G2	Y		Y	EXCEED AND EXCEL ex ROCK OPERA (LECTURE)
KINGLIKE	2012	C	G2			Y	EXCEED AND EXCEL ex ROYAL GLOW (KING'S BEST)
KULGRINDA	2007	F	G3			Y	EXCEED AND EXCEL ex RIVER CROSSING (BELLOTTO)
KUROSHIO	2010	C	G2			Y	EXCEED AND EXCEL ex ARCTIC DRIFT (GONE WEST)
OTTOMAN	2012	F	G3			Y	EXCEED AND EXCEL ex BYZANTINE (ELUSIVE QUALITY)
OUTDO	2005	C				Y	EXCEED AND EXCEL ex GALWAY LASS (RHYTHM)
PLANET VOYAGE	2009	G				Y	EXCEED AND EXCEL ex PASIKATERA (THUNDER GULCH)
REBEL ASSAULT	2015	F				Y	EXCELEBRATION ex NAOMH GEILEIS (GRAND SLAM)
SERENELY DISCREET	2013	F	G2			Y	EXCEED AND EXCEL ex I'M DISCREET (ELUSIVE QUALITY)
SHANGHAI GLORY	2013	C				Y	EXCEED AND EXCEL ex HECUBA (HECTOR PROTECTOR)
SIGNORA QUEEN	2013	F				Y	EXCEED AND EXCEL ex QUEEN'S ROSE (STREET CRY)
SOUND AND SILENCE	2015	C	G3			Y	EXCEED AND EXCEL ex VEIL OF SILENCE (ELUSIVE QUALITY)
TAKE PRIDE	2012	F	G3			Y	REWARD FOR EFFORT ex SHABTIS (ELUSIVE QUALITY)
THERMAL CURRENT	2010	C	G3			Y	EXCEED AND EXCEL ex SOARESSA (TWINING)
THREADING	2015	F	G2			Y	EXCEED AND EXCEL ex CHAQUIRAS (SEEKING THE GOLD)
THUNDER SNOW	2014	C	G1	Y		Y	HELMET ex EASTERN JOY (DUBAI DESTINATION)
YALTA	2014	C	G3			Y	EXCEED AND EXCEL ex LACILY (ELUSIVE QUALITY)
YATTARNA	2012	F	G3			Y	EXCEED AND EXCEL ex UMAQUEST (UMATILLA)

Stakes winners bred from the DANEHILL--TIMBER COUNTRY cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
SHOWTIME	2014	F	G2			Y	SNITZEL ex FLIDAIS (TIMBER COUNTRY)
SWEET IDEA	2010	F	G1			Y	SNITZEL ex FLIDAIS (TIMBER COUNTRY)
THE INVENTOR	2008	G	G3			Y	DANASINGA ex INVENTIONS (TIMBER COUNTRY)

Stakes winners bred from the DANEHILL--WOODMAN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALEXANDER TANGO	2004	F	G1			Y	DANEHILL DANCER ex HOUSE IN WOOD (WOODMAN)
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
BOUZY ROUGE	2007	F				Y	SNITZEL ex BLURRTA (BAHHARE)
CAESARION	99	C	G3			Y	DANEHILL ex CARELAINE (WOODMAN)
CASQUETS	2010	F				Y	FASTNET ROCK ex SUITELY (WOODMAN)
CHESTER ROAD	2007	G				Y	TIGER HILL ex CONTIKI PRINCESS (WOODMAN)
CHOOKIE ROYALE	2008	G			Y		MONSIEUR BOND ex LADY OF WINDSOR (WOODS OF WINDSOR)
CHOOSE ME	2006	F				Y	CHOISIR ex HECUBA (HECTOR PROTECTOR)
COME PLAY WITH ME	2014	C				Y	BLACKFRIARS ex RUSSIAN PLAYMATE (DR JOHNSON)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DUCA VALENTINOIS	2012	C	G3			Y	HOLY ROMAN EMPEROR ex LOVE VALENTINE (FRUITS OF LOVE)
ECLAIR CHOICE	2011	C	G2			Y	CALIFORNIA DANE ex BOUNCE (WOODMAN)
ELEGANT COMPOSURE	2011	F				Y	BRADBURY'S LUCK ex MARSH HARRIER (WOODMAN)
EUROPA POINT	2007	F	G1			Y	ROCK OF GIBRALTAR ex GORBAND (WOODMAN)
FRENCH EMOTION	2011	F	G2			Y	SNITZEL ex LOVE AND EMOTION (WOODMAN)
HURTLE MYRTLE	2006	F	G1			Y	DANE SHADOW ex RAVENSWOOD (WOODMAN)
INDIGO RIVER	2009	F				Y	KODIAC ex SUNNY SLOPE (MUJTAHID)
KODI BEAR	2012	C	G2			Y	KODIAC ex HAWATTEF (MUJTAHID)
MAIN EDITION	2016	F	G3			Y	ZOFFANY ex MAINE LOBSTER (WOODMAN)
MASTER APPRENTICE	2012	C	G3			Y	MASTERCRAFTSMAN ex LADY HAWKFIELD (HAWK WING)
MILLBANK	2005	G	G3			Y	KEEPER ex WOODINI (WOODMAN)
MILO	2007	G				Y	COATS CHOICE ex MILK AND HONEY (WOODMAN)
MISS FINLAND	2003	F	G1			Y	REDOUTE'S CHOICE ex FOREST PEARL (WOODMAN)
NOIRE	2013	F	G2			Y	FOXWEDGE ex VALADON (WOODMAN)
PRIMUS	2002	C	G3			Y	FLYING SPUR ex COPA DE ORO (HECTOR PROTECTOR)
PROVISO	2005	F	G1			Y	DANSILI ex BINCHE (WOODMAN)
ROCK ROBSTER	2008	F				Y	FASTNET ROCK ex CHINESE WHISPERS (WOODMAN)
ROCKOLICIOUS	2011	F				Y	FASTNET ROCK ex ROCK DIVA (WOODMAN)
ROTHESAY	2006	C	G2			Y	FASTNET ROCK ex SCHIAPARELLI (WOODMAN)
SHANGHAI GLORY	2013	C				Y	EXCEED AND EXCEL ex HECUBA (HECTOR PROTECTOR)
SHOWTIME	2014	F	G2			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
SIREEZE	2009	G				Y	CHOISIR ex WESTERLY BREEZE (DR JOHNSON)
SLUMBER	2008	C	G1			Y	CACIQUE ex SOUND ASLEEP (WOODMAN)
STAR OF LUIS	2003	C				Y	SAN LUIS ex WOODLAND NYMPH (WOODBOROUGH)
STRYKER	2006	C	G3			Y	FASTNET ROCK ex LAETITIA (WOODMAN)
SWEET IDEA	2010	F	G1			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
TERRITORIAL WATERS	2008	G				Y	FASTNET ROCK ex MISS ALABAMA (WOODMAN)
THE INVENTOR	2008	G	G3			Y	DANASINGA ex INVENTIONS (TIMBER COUNTRY)

Stakes winners bred from the DANZIG--WOODMAN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALEXANDER TANGO	2004	F	G1			Y	DANEHILL DANCER ex HOUSE IN WOOD (WOODMAN)
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
ARTIC FERN	2007	G			Y		LANGFUHR ex WOOD FERN (WOODMAN)
AVENGE	2012	F	G1			Y	WAR FRONT ex LERICI (WOODMAN)
BEYOND DESIRE	2007	F	G3			Y	INVINCIBLE SPIRIT ex COMPRADORE (MUJTAHID)
BIANCONI BABY	2001	F		Y			BIANCONI ex PLEDGE (WOODMAN)
BLUE BLUE SKY	2003	F				Y	ANABAA ex BLUE FERN (WOODMAN)
BOUZY ROUGE	2007	F				Y	SNITZEL ex BLURRTA (BAHHARE)
BYRON	2001	C	G2			Y	GREEN DESERT ex GAY GALLANTA (WOODMAN)
CAESARION	99	C	G3			Y	DANEHILL ex CARELAINE (WOODMAN)
CASQUETS	2010	F				Y	FASTNET ROCK ex SUITELY (WOODMAN)
CEPRIN	2001	C				Y	DESERT PRINCE ex BLACK WOOD (WOODMAN)
CHESTER ROAD	2007	G				Y	TIGER HILL ex CONTIKI PRINCESS (WOODMAN)
CHOOKIE ROYALE	2008	G			Y		MONSIEUR BOND ex LADY OF WINDSOR (WOODS OF WINDSOR)
CHOOSE ME	2006	F				Y	CHOISIR ex HECUBA (HECTOR PROTECTOR)
COME PLAY WITH ME	2014	C				Y	BLACKFRIARS ex RUSSIAN PLAYMATE (DR JOHNSON)
COUP DE COEUR	2009	F		Y			EXCHANGE RATE ex BOIS D' AMOUR (WOODMAN)
DIAS Y FLORES	2014	F		Y			EXCHANGE RATE ex WELCOMETOTHEWORLD (WOODMAN)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DR. KATHY	2001	F				Y	POLISH NUMBERS ex ELBOW (WOODMAN)
DUCA VALENTINOIS	2012	C	G3			Y	HOLY ROMAN EMPEROR ex LOVE VALENTINE (FRUITS OF LOVE)
ECLAIR CHOICE	2011	C	G2			Y	CALIFORNIA DANE ex BOUNCE (WOODMAN)
ELEGANT COMPOSURE	2011	F				Y	BRADBURY'S LUCK ex MARSH HARRIER (WOODMAN)
ETHAARA	2005	F				Y	GREEN DESERT ex WISSAL (WOODMAN)
EUROPA POINT	2007	F	G1			Y	ROCK OF GIBRALTAR ex GORBAND (WOODMAN)
FONTELINA	2008	C	G2			Y	TESTA ROSSA ex DECIPHER (TIMBER COUNTRY)
FRENCH EMOTION	2011	F	G2			Y	SNITZEL ex LOVE AND EMOTION (WOODMAN)
HAZYVIEW	2001	C	G3			Y	CAPE CROSS ex EURIDICE (WOODMAN)
HURTLE MYRTLE	2006	F	G1			Y	DANE SHADOW ex RAVENSWOOD (WOODMAN)
IMPERIAL HINT	2013	C	G1	Y			IMPERIALISM ex ROYAL HINT (LAHINT)
INDIGO RIVER	2009	F				Y	KODIAC ex SUNNY SLOPE (MUJTAHID)
KODI BEAR	2012	C	G2			Y	KODIAC ex HAWATTEF (MUJTAHID)
LA SYLVIA	2005	F				Y	OASIS DREAM ex HAWAS (MUJTAHID)
MAIN EDITION	2016	F	G3			Y	ZOFFANY ex MAINE LOBSTER (WOODMAN)
MASTER APPRENTICE	2012	C	G3			Y	MASTERCRAFTSMAN ex LADY HAWKFIELD (HAWK WING)
MILLBANK	2005	G	G3			Y	KEEPER ex WOODINI (WOODMAN)
MILO	2007	G				Y	COATS CHOICE ex MILK AND HONEY (WOODMAN)
MISS ELLA	2012	F	G2	Y		Y	EXCHANGE RATE ex SWEET TUNE (WOODMAN)
MISS FINLAND	2003	F	G1			Y	REDOUTE'S CHOICE ex FOREST PEARL (WOODMAN)
MUDAARAHAH	2007	F				Y	CAPE CROSS ex WISSAL (WOODMAN)
NOIRE	2013	F	G2			Y	FOXWEDGE ex VALADON (WOODMAN)
OSSUN	2005	F				Y	ANABAA ex LAMBALLE (WOODMAN)
PASSAGER	2003	C	G3			Y	ANABAA ex PASSIONNEE (WOODMAN)
PICANTE	2009	F		Y			TESTA ROSSA ex PICULET (TIMBER COUNTRY)

Stakes winners bred from the DANZIG--WOODMAN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
PIOLA	2005	C				Y	SINAN CIERO ex TIMBERA (RUSH DANCER)
PRIMUS	2002	C	G3			Y	FLYING SPUR ex COPA DE ORO (HECTOR PROTECTOR)
PROVISO	2005	F	G1			Y	DANSILI ex BINCHE (WOODMAN)
RED TRINKET	98	G	G3			Y	LURE ex SERENGETI PARK (WOODMAN)
ROCK ROBSTER	2008	F				Y	FASTNET ROCK ex CHINESE WHISPERS (WOODMAN)
ROCKOLICIOUS	2011	F				Y	FASTNET ROCK ex ROCK DIVA (WOODMAN)
ROTHESAY	2006	C	G2			Y	FASTNET ROCK ex SCHIAPARELLI (WOODMAN)
SEA LORD (IRE)	2007	C	G3			Y	CAPE CROSS ex FIRST FLEET (WOODMAN)
SHANGHAI GLORY	2013	C				Y	EXCEED AND EXCEL ex HECUBA (HECTOR PROTECTOR)
SHORE RUNNER	2013	C		Y			PRIVATE WAR ex SUNSATIONAL (CHAYIM)
SHOWTIME	2014	F	G2			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
SIREEZE	2009	G				Y	CHOISIR ex WESTERLY BREEZE (DR JOHNSON)
SLUMBER	2008	C	G1			Y	CACIQUE ex SOUND ASLEEP (WOODMAN)
SOPRAN WOOG	2000	F				Y	GRAND LODGE ex WOODERINE (WOODMAN)
SOUTHERN EXCHANGE	2006	C			Y		EXCHANGE RATE ex MISS MADELEINE (WOODMAN)
STAR OF LUIS	2003	C				Y	SAN LUIS ex WOODLAND NYMPH (WOODBOROUGH)
STORM ADVISORY	2012	C		Y			WEIGELIA ex STORMINTHEWOODS (WOODMAN)
STRYKER	2006	C	G3			Y	FASTNET ROCK ex LAETITIA (WOODMAN)
SWEET IDEA	2010	F	G1			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
TAIRONAKA	2012	F		Y			PRIVATE WAR ex MAGNIFICENT (MAGNIFICENTLY)
TERRITORIAL WATERS	2008	G				Y	FASTNET ROCK ex MISS ALABAMA (WOODMAN)
THE INVENTOR	2008	G	G3			Y	DANASINGA ex INVENTIONS (TIMBER COUNTRY)
TOOCOOLFORSCHOOL	2012	C	G2			Y	SHOWCASING ex SPRING SURPRISE (HECTOR PROTECTOR)
VALLECUPA	2011	F				Y	MUJAHID ex MY MELTEMII (HAWK WING)
VICTORIA'S WILDCAT	2008	F	G3	Y			BELLAMY ROAD ex FLAMING MIRAGE (WOODMAN)
WANDO	2000	C	G2	Y			LANGFUHR ex KATHIE'S COLLEEN (WOODMAN)
WOODSMOKE	2006	F				Y	LANGFUHR ex FOREST FLUTE (WOODMAN)

Stakes winners bred from the DANZIG--TIMBER COUNTRY cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ARMED FOR ACTION	2009	F				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
DOMINGUIN	2006	G				Y	EXCEED AND EXCEL ex BRAVE AND BOLD (TIMBER COUNTRY)
FONTELINA	2008	C	G2			Y	TESTA ROSSA ex DECIPHER (TIMBER COUNTRY)
PICANTE	2009	F		Y			TESTA ROSSA ex PICULET (TIMBER COUNTRY)
SHOWTIME	2014	F	G2			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
SWEET IDEA	2010	F	G1			Y	SNITZEL ex FLIDAI (TIMBER COUNTRY)
THE INVENTOR	2008	G	G3			Y	DANASINGA ex INVENTIONS (TIMBER COUNTRY)

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