



A+++ Triple Plus
LONHRO/DANEHILL

MMLJAN19

Generated on 01/05/19

		ZABEEL (Q)		SIR TRISTRAM
		OCTAGONAL		LADY GISELLE
	LONHRO	EIGHT CARAT		PIECES OF EIGHT II
		STRAIGHT STRIKE		KLAIRESSA
	SHADEA	CONCIA		MR. PROSPECTOR
		DANEHILL (Q)		BEND NOT
EXOSPHERE		DANZERO		FIRST CONSUL
(2012)		CONFIDENTIALLY		MY TRICIA
	ALTITUDE	MARSCAY (Q)		DANZIG
	HIGHEST	CONSULAR BELLE		RAZYANA
Hip 561				KAORU STAR
Colt				IDES A
				BISCAY
				HEART OF MARKET
				PRO CONSUL
				TINTE DANCE
		DANZIG (I/C)	1	NORTHERN DANCER
		DANEHILL (Q)		PAS DE NOM
		RAZYANA	1	HIS MAJESTY
	EXCEED AND EXCEL	LOMOND	1	SPRING ADIEU
		PATRONA		NORTHERN DANCER
		GLADIOLUS		MY CHARMER
EXCESSIVELY		THE MINSTREL (Q)	1	WATCH YOUR STEP
(2010)		PALACE MUSIC		BACK BRITCHES
		COME MY PRINCE		NORTHERN DANCER
	LIGHT OF ERIN	MAJESTIC LIGHT (Q)		FLEUR
		LIGHT OF EIRE		PRINCE JOHN
		IRISH MANOR		COME HITHER LOOK
				MAJESTIC PRINCE
				IRRADIATE
				BOLD RULER
				CASTLE FORBES

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

Roman Dosage Profile: (0-1-1-0-0)

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

Werk Quality Rating: Q 4

Dosage Points: 2 + Quality Points: 14 = Total Points: 16

5-Generation Inbreeding: DANEHILL - 4m x 3m
NORTHERN DANCER - x 5m, 5m, 5m



HYPOTHETICAL: =Exosphere (AUS) -- =Excessively (GB)
Based on the cross of Lonhro (AUS) and his sons/Exceed And Excel (AUS)

A+
Variant = 4.42

Hypothetical Foal	=Exosphere (AUS), 12 b	Lonhro (AUS), 98 dk b/	=Octagonal (NZ), 92 br	=Zabeel (NZ), 86 b	*Sir Tristram, 71 b	
				=Eight Carat (GB), 75 br	=Lady Giselle (FR), 82 b	
					*Pieces of Eight II, 63 dk b/	
			=Shadea (NZ), 88 br	Straight Strike, 77 dk b/	Klairessa (GB), 69 dk b/	
					Mr. Prospector, 70 b	
				=Concia, 78 b	Bend Not, 72 b	
	=Altitude (AUS), 05 b	=Danzero (AUS), 91 b	Danehill, 86 b	Danzig, 77 b		
				Razyana, 81 b		
			=Confidentially (AUS), 78 b/br	=Kaoru Star (AUS), 65 ch		
		=Highest (AUS), 99 b	=Marscay (AUS), 79 ch	Consular Belle, 81 b	=Idesa (NZ), 72 br	
					=Biscay (AUS), 65 ch	
			Heart of Market, 67 b	Pro Consul, 74 ch		
	Tinte Dance, 75 b					
	=Excessively (GB), 14 gr	=Exceed And Excel (AUS), 00 b	Danehill, 86 b	Danzig, 77 b		
				Northern Dancer, 61 b		
				Pas de Nom, 68 dk b/		
			Patrona, 94 ch	Lomond, 80 b	Gladiolus, 74 ch	His Majesty, 68 b
						Spring Adieu, 74 b
=Linamix (FR), 87 gr/ro				=Mendez (FR), 81 gr	=Lunadix (FR), 72 gr	Northern Dancer, 61 b
		My Charmer, 69 b				
=Alix Road (FR), 03 gr		=Life On the Road (IRE), 91 ch	Arkova (GB), 81 ch	Watch Your Step, 56 ch		
				Back Britches, 64 ch		
				Bellypha (IRE), 76 gr		
		=Persian Heights (GB), 85 ch	=Miss Carina, 75 gr	=Breton (GB), 67 b	=Lutine, 66 gr	
					=Persian Bold (IRE), 75 br	
	=Ready and Willing, 71 b					
Irish River (FR), 76 ch	=Singapore Girl (FR), 76 b	=Singapore Girl (FR), 76 b				

Pedigree Statistics	
Coefficient of Relatedness: 4.64%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 2.88%	Unique Ancestors: 999/2046

Dosage Information	
Dosage Profile: 0 1 1 0 0	
Dosage Index: 3.00	Center of Distribution: +0.50

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to ten generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to ten generations using Wrights F; **Pedigree Completeness** is the portion of the pedigree that is on file to ten generations; **Unique Ancestors** is the number of unique names in the pedigree through to ten 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: =Exosphere (AUS) -- =Excessively (GB)
Based on the cross of Lonhro (AUS) and his sons/Exceed And Excel (AUS)

A+
Variant = 4.42

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	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	37	Weanlings	-	-	-	Starters	2	37	5
Total Starters	37	Yearlings	2	\$48,551	\$48,551	Winners	1	25	2
		2YOs	-	-	-	SW	-	4	-

Sire		Broodmare Sire	
Sire Name	=Exosphere (AUS)	Broodmare Sire Name	=Exceed And Excel (AUS)
Sire AEI	-	Broodmare Sire AEI	1.21
Progeny AWD	-	Progeny AWD as BM Sire	6.32 f
Chief Earner	-	Chief Earner	Alizee (AUS) (\$1,707,204)

	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	56	29	27	3,143	1,131
Starters (% Foals of Racing Age)	37 (66%)	22 (76%)	15 (56%)	2,124 (68%)	614 (54%)
Winners (% Starters)	27 (73%)	16 (73%)	11 (73%)	1,408 (66%)	338 (55%)
SW (% Starters)	4 (11%)	3 (14%)	1 (7%)	109 (5%)	28 (5%)
Earnings	\$2,513,767	\$1,495,341	\$1,018,426	\$133,319,247	\$25,091,661
Avg Distance Raced	5.66 f	5.71 f	5.59 f	6.56 f	6.51 f
Avg Winning Distance	5.43 f	5.39 f	5.47 f	6.45 f	6.40 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
BOUNDING (AUS)	Mare	2010	Lonhro (AUS)/Exceed And Excel (AUS)	G1SW
ENCRYPTION (AUS)	Colt	2015	Lonhro (AUS)/Exceed And Excel (AUS)	G2SW
ALFOLK (AUS)	Gelding	2014	Lonhro (AUS)/Exceed And Excel (AUS)	G3SW
BUCKINGHAMPSHIRE (AUS)	Gelding	2012	Lonhro (AUS)/Exceed And Excel (AUS)	SW
Naafer (AUS)	Horse	2014	Lonhro (AUS)/Exceed And Excel (AUS)	G1SP
Bellevue Hill (AUS)	Colt	2016	Pierro (AUS)/Exceed And Excel (AUS)	G2SP
Mogador (AUS)	Gelding	2012	Lonhro (AUS)/Exceed And Excel (AUS)	G3SP
Poseidon's Pool (AUS)	Gelding	2014	Pierro (AUS)/Exceed And Excel (AUS)	G3SP
Rome (AUS)	Colt	2016	Pierro (AUS)/Exceed And Excel (AUS)	G3SP
Cautious (AUS)	Mare	2011	Lonhro (AUS)/Exceed And Excel (AUS)	G3SP
Lanigera (AUS)	Colt	2016	Denman (AUS)/Exceed And Excel (AUS)	G3SP
Princess Pierro (AUS)	Filly	2015	Pierro (AUS)/Exceed And Excel (AUS)	SP
Lonhro Gold (AUS)	Gelding	2014	Denman (AUS)/Exceed And Excel (AUS)	Wnr
Lagerfeld (AUS)	Gelding	2014	Denman (AUS)/Exceed And Excel (AUS)	Wnr
Nai'A (AUS)	Mare	2014	Lonhro (AUS)/Exceed And Excel (AUS)	Wnr

Pedigree and racing information provided by:



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

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)

Stakes winners bred from the LONHRO--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
AGENT PIPPA	2015	F	G3			Y	DEMERIT ex FEMALE AGENT (COMMANDS)
AMERCEMENT	2016	F	G3			Y	LONHRO ex FORFEITURE (COMMANDS)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARISTIA	2015	F	G1			Y	LONHRO ex NAKAAYA (TIGER HILL)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
CARDSHARP	2015	C	G2			Y	LONHRO ex PURE ILLUSION (DANEHILL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PIERATA	2014	C	G2			Y	PIERRO ex NOVEMBER FLIGHT (FLYING SPUR)
PIN SEC	2016	F	G3			Y	LONHRO ex MODERATE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
RAGGED RASCAL	2015	C				Y	DENMAN ex M'LADY PEDRILLE (AL MAHER)
RANIER	2015	C	G3			Y	LONHRO ex KANZAN (COMMANDS)
REGAL POWER	2015	C				Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
SATIN SLIPPER	2015	F				Y	PIERRO ex SATIN SHOES (FLYING SPUR)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TULIP	2014	F	G3			Y	PIERRO ex MUSIDORA (ROCK OF GIBRALTAR)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)

Stakes winners bred from the LONHRO--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
AGENT PIPPA	2015	F	G3			Y	DEMERIT ex FEMALE AGENT (COMMANDS)
AMERCEMENT	2016	F	G3			Y	LONHRO ex FORFEITURE (COMMANDS)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARISTIA	2015	F	G1			Y	LONHRO ex NAKAAYA (TIGER HILL)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
CARDSHARP	2015	C	G2			Y	LONHRO ex PURE ILLUSION (DANEHILL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DISSOLVED	2006	C				Y	LONHRO ex YARRALUMLA (GRAND LODGE)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FITOCRACY	2011	F	G3			Y	DENMAN ex REINE DE JEU (ANABAA)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
LONHSPRESSO	2009	F	G2			Y	LONHRO ex AS SIMPLE AS THAT (GRAND LODGE)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PIERATA	2014	C	G2			Y	PIERRO ex NOVEMBER FLIGHT (FLYING SPUR)
PIN SEC	2016	F	G3			Y	LONHRO ex MODERATE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
QUIDNUNC	2007	F				Y	LONHRO ex DORKY (GRAND LODGE)
RAGGED RASCAL	2015	C				Y	DENMAN ex M'LADY PEDRILLE (AL MAHER)
RANIER	2015	C	G3			Y	LONHRO ex KANZAN (COMMANDS)
RASPBERRIES	2007	F	G3			Y	LONHRO ex LA MELBA (GRAND LODGE)
REGAL POWER	2015	C				Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
SAINTHOOD	2005	G				Y	LONHRO ex BONNE FAMILLE (ANABAA)
SATIN SLIPPER	2015	F				Y	PIERRO ex SATIN SHOES (FLYING SPUR)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TULIP	2014	F	G3			Y	PIERRO ex MUSIDORA (ROCK OF GIBRALTAR)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)

Stakes winners bred from the LONHRO--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
WAR HEROINE	2015	F	G2			Y	LONHRO ex WAR TIGRESS (WAR CHANT)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)

Stakes winners bred from the OCTAGONAL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
AGENT PIPPA	2015	F	G3			Y	DEMERIT ex FEMALE AGENT (COMMANDS)
AMERCEMENT	2016	F	G3			Y	LONHRO ex FORFEITURE (COMMANDS)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARISTIA	2015	F	G1			Y	LONHRO ex NAKAAYA (TIGER HILL)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
CARDSHARP	2015	C	G2			Y	LONHRO ex PURE ILLUSION (DANEHILL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PIERATA	2014	C	G2			Y	PIERRO ex NOVEMBER FLIGHT (FLYING SPUR)
PIN SEC	2016	F	G3			Y	LONHRO ex MODERATE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
RAGGED RASCAL	2015	C				Y	DENMAN ex M'LADY PEDRILLE (AL MAHER)
RANIER	2015	C	G3			Y	LONHRO ex KANZAN (COMMANDS)
REGAL POWER	2015	C				Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
SATIN SLIPPER	2015	F				Y	PIERRO ex SATIN SHOES (FLYING SPUR)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TRIED AND TIRED	2009	C				Y	NIELLO ex YAWN (REDOUTE'S CHOICE)
TULIP	2014	F	G3			Y	PIERRO ex MUSIDORA (ROCK OF GIBRALTAR)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WARM LOVE	2007	F				Y	OCTAGONAL ex CHARANGAS (FLYING SPUR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)

Stakes winners bred from the ZABEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
AGENT PIPPA	2015	F	G3			Y	DEMERIT ex FEMALE AGENT (COMMANDS)
AMERCEMENT	2016	F	G3			Y	LONHRO ex FORFEITURE (COMMANDS)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARISTIA	2015	F	G1			Y	LONHRO ex NAKAAYA (TIGER HILL)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
BRAYROAN	2006	G				Y	ZABEEL ex COMPULSION (DANEHILL)
CARDSHARP	2015	C	G2			Y	LONHRO ex PURE ILLUSION (DANEHILL)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
COULIS	2006	F				Y	ZABEEL ex FLEISCHER (DANEHILL)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
DIZELLE	2001	F	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
DON'TBABYLON	2012	F				Y	RESET ex LECTURES (ARENA (AUS))
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FAWKNER	2007	G	G1			Y	RESET ex DANE BELLTAR (DANEWIN)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
GRAZIA	2012	F				Y	SAVABEEL ex TROCAIR (FLYING SPUR)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
IRONSTEIN	2005	G	G3			Y	ZABEEL ex GENTLE GENIUS (DANEHILL)
KAONIC	2014	C				Y	SAVABEEL ex FAST LOVE (FASTNET ROCK)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
KIWIA	2013	C	G3			Y	RESET ex SINGLE VIEW (DANEHILL DANCER)
LANDLOCKED	2006	C				Y	ZABEEL ex SECOVER (DANEHILL)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
MATRAS	2001	F	G3			Y	ZABEEL ex TROPICAL AFFAIR (DANEHILL)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
MS FUNOVITS	2010	F	G2			Y	RESET ex ILLUSIONAL (REDOUTE'S CHOICE)
MYSTIC PRINCE	2009	G	G2			Y	RESET ex PURFECT SIZE (CATBIRD)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
OLDER THAN TIME	2006	F				Y	DON EDUARDO ex UP THE HILL (DANEHILL)
PASADENA GIRL	2012	F	G1			Y	SAVABEEL ex NINA FROM PASADENA (REDOUTE'S CHOICE)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PIERATA	2014	C	G2			Y	PIERRO ex NOVEMBER FLIGHT (FLYING SPUR)
PIN SEC	2016	F	G3			Y	LONHRO ex MODERATE (COMMANDS)

Stakes winners bred from the ZABEEL--DANEHILL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
PREDITOR	2012	C				Y	SAVABEEL ex BIRD (DANASINGA)
PREFERMENT	2011	C	G1			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
PRINCE JABEEL	2013	C	G3			Y	SAVABEEL ex J'ADANE (DANEHILL)
QUEEN OF DIAMONDS	2015	F	G2			Y	SAVABEEL ex LOVE DIAMONDS (DANEHILL)
RAGGED RASCAL	2015	C				Y	DENMAN ex M'LADY PEDRILLE (AL MAHER)
RANIER	2015	C	G3			Y	LONHRO ex KANZAN (COMMANDS)
RAY'S GIRL	2009	F				Y	SAVABEEL ex NATURAL RHYTHM (VIKING RULER)
REAL CHARM	2010	F				Y	RESET ex PURFECT SIZE (CATBIRD)
REGAL POWER	2015	C				Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
REZONED	2010	F	G3			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
SATIN SLIPPER	2015	F				Y	PIERRO ex SATIN SHOES (FLYING SPUR)
SHILLELAGH	2011	F	G1			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
SHOREHAM	2009	G	G3			Y	RESET ex TENEALLES PEARL (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
SPIRIT BIRD	2012	F	G3			Y	SAVABEEL ex PRESS LEAK (ROCK OF GIBRALTAR)
STAR OF GISELLE	2007	F	G2			Y	RESET ex PRINCESA (DANEHILL)
STEEL FROST	2012	C				Y	BRYANNBO'S GIFT ex HORSHOE (COMMANDS)
THE CHOSEN ONE	2015	C				Y	SAVABEEL ex THE GLITZY ONE (FLYING SPUR)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TRIED AND TIRED	2009	C				Y	NIELLO ex YAWN (REDOUTE'S CHOICE)
TULIP	2014	F	G3			Y	PIERRO ex MUSIDORA (ROCK OF GIBRALTAR)
TULLAMORE	2006	G	G2			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
TURNER BAYOU	2008	G				Y	ZABEEL ex CLASSY CHOICE (REDOUTE'S CHOICE)
VENGEANCE OF RAIN	2000	G	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
VERRY ELLEEGANT	2015	F	G3			Y	ZED ex OPULENCE (DANROAD)
VESPER	2006	G				Y	ZABEEL ex SYLVANER (DANASINGA)
VON TUNZELMAN	2012	C	G3			Y	ZABEEL ex J'ADANE (DANEHILL)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WARM LOVE	2007	F				Y	OCTAGONAL ex CHARANGAS (FLYING SPUR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)
YOU'RE SO GOOD	2009	F				Y	SAVABEEL ex LIGHTNING SPUR (FLYING SPUR)
ZABENE	2003	C				Y	ZABEEL ex EMERALD DREAM (DANEHILL)
ZABRASIVE	2006	G	G1			Y	ZABEEL ex DANASIA (DANEHILL)
ZACROONA	2004	G	G3			Y	ZABEEL ex SINGALONG (DANASINGA)
ZAGREB (AUS)	2004	C				Y	ZABEEL ex DANSINO (DANEHILL)
ZAUBERIN	2005	F				Y	ZABEEL ex ZALI (DANEHILL)
ZEPHYRON	2008	G	G3			Y	ZABEEL ex DIAMOND LIKE (DANEHILL)
ZINGAM	99	G	G3			Y	ZABEEL ex DANENDRI (DANEHILL)
ZYDECO	2009	F	G2			Y	ZABEEL ex ALL TIME HIGH (FLYING SPUR)

Stakes winners bred from the ZABEEL--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
ADROITLY	2007	G				Y	OCTAGONAL ex EASY OUT (ANABAA)
AGENT PIPPA	2015	F	G3			Y	DEMERIT ex FEMALE AGENT (COMMANDS)
AMERCEMENT	2016	F	G3			Y	LONHRO ex FORFEITURE (COMMANDS)
AOTEA LAD	2016	C	G2			Y	SAVABEEL ex CORSAGE (VOLKSRAAD)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARISTIA	2015	F	G1			Y	LONHRO ex NAKAAYA (TIGER HILL)
BENFICA	2008	C	G1			Y	LONHRO ex HUT (DANEHILL)
BERLIOZ	2005	C				Y	ZABEEL ex JERVAUX (SLAVIC)
BLACK MINX	2005	F				Y	LONHRO ex FAITH HILL (DANEHILL)
BLACK VANQUISH	2012	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
BOBBY DAZZLER	2015	C				Y	ZED ex TUTULAND (GREEN DESERT)
BOUNDING	2010	F	G1			Y	LONHRO ex BELIEVE'N'SUCCEED (EXCEED AND EXCEL)
BRAYROAN	2006	G				Y	ZABEEL ex COMPULSION (DANEHILL)
CARDSHARP	2015	C	G2			Y	LONHRO ex PURE ILLUSION (DANEHILL)
CASSINI	2005	F	G3			Y	RESET ex MATHEMATICAL (HONOR GRADES)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
COULIS	2006	F				Y	ZABEEL ex FLEISCHER (DANEHILL)
DEER VALLEY	2006	F	G3			Y	LONHRO ex DANISLEW (DANEHILL)
DIAMOND COVE	2002	F				Y	OCTAGONAL ex ELIZA COVE (DANEHILL)
DISPOSITION	2011	C	G3			Y	RESET ex TEST CASE (TESTA ROSSA)
DISSOLVED	2006	C				Y	LONHRO ex YARRALUMLA (GRAND LODGE)
DIZELLE	2001	F	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
DON'TBABYLON	2012	F				Y	RESET ex LECTURES (ARENA (AUS))
DOSSIER	2000	F				Y	OCTAGONAL ex PAPERING (SHAADI)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ENCRYPTION	2015	C	G2			Y	LONHRO ex GUELPH (EXCEED AND EXCEL)
EXOSPHERE	2012	C	G1			Y	LONHRO ex ALTITUDE (DANZERO)
FAWKNER	2007	G	G1			Y	RESET ex DANE BELLTAR (DANEWIN)
FITOCRACY	2011	F	G3			Y	DENMAN ex REINE DE JEU (ANABAA)
FIUMICINO	2003	C	G1			Y	ZABEEL ex LATTE (MAROOF)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
GRAZIA	2012	F				Y	SAVABEEL ex TROCAIR (FLYING SPUR)
HEATHERLY	2012	F	G2			Y	LONHRO ex DANCING HEATHER (DANZERO)
IRONSTEIN	2005	G	G3			Y	ZABEEL ex GENTLE GENIUS (DANEHILL)
KAONIC	2014	C				Y	SAVABEEL ex FAST LOVE (FASTNET ROCK)
KAWI	2010	C	G1			Y	SAVABEEL ex MAGIC TIME (VOLKSRAAD)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
KIWIA	2013	C	G3			Y	RESET ex SINGLE VIEW (DANEHILL DANCER)
LAFLEUR	99	F	G2			Y	ZABEEL ex DESERT LILY (GREEN DESERT)
LANDLOCKED	2006	C				Y	ZABEEL ex SECOVER (DANEHILL)

Stakes winners bred from the ZABEEL--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
LEEBAZ	2009	G	G2			Y	ZABEEL ex POLISH PRINCESS (POLISH PRECEDENT)
LEGAL EAGLE	2011	C	G1			Y	GREYS INN ex YOUNG SENSATION (NATIONAL EMBLEM)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
LIGHTS OF HEAVEN	2007	F	G1			Y	ZABEEL ex I'M IN HEAVEN (VOLKSRAAD)
LONHSPRESSO	2009	F	G2			Y	LONHRO ex AS SIMPLE AS THAT (GRAND LODGE)
MABEEL	2010	C	G3			Y	SAVABEEL ex MA (CAPE CROSS)
MACKNUCKLE	2004	G				Y	MOON ROCKET ex KNUCKLEMANIA (MISTER C.)
MALDIVIAN	2002	C	G1			Y	ZABEEL ex SHYNZI (DANZIG)
MATRAS	2001	F	G3			Y	ZABEEL ex TROPICAL AFFAIR (DANEHILL)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
MINNESOTA SHARK	2005	C				Y	LONHRO ex PONTON FLYER (FLYING SPUR)
MS FUNOVITS	2010	F	G2			Y	RESET ex ILLUSIONAL (REDOUTE'S CHOICE)
MYSTIC PRINCE	2009	G	G2			Y	RESET ex PURFECT SIZE (CATBIRD)
NAUTICAL	2009	F	G3			Y	NIELLO ex MAGDA (ANABAA)
OBSEQUIOUS	2007	F	G2			Y	LONHRO ex SYCOPHANT (COMMANDS)
OLDER THAN TIME	2006	F				Y	DON EDUARDO ex UP THE HILL (DANEHILL)
PASADENA GIRL	2012	F	G1			Y	SAVABEEL ex NINA FROM PASADENA (REDOUTE'S CHOICE)
PEACOCK	2013	C				Y	LONHRO ex IRIDESCENTE (COMMANDS)
PIERATA	2014	C	G2			Y	PIERRO ex NOVEMBER FLIGHT (FLYING SPUR)
PIN SEC	2016	F	G3			Y	LONHRO ex MODERATE (COMMANDS)
PINCH RIVER	2011	G				Y	DENMAN ex AVENUE GIRL (CATBIRD)
PINWHEEL	2005	G	G2			Y	LONHRO ex QUILT (DANEHILL)
PREDITOR	2012	C				Y	SAVABEEL ex BIRD (DANASINGA)
PREFERMENT	2011	C	G1			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
PRINCE JABEEL	2013	C	G3			Y	SAVABEEL ex J'ADANE (DANEHILL)
QUEEN OF DIAMONDS	2015	F	G2			Y	SAVABEEL ex LOVE DIAMONDS (DANEHILL)
QUIDNUNC	2007	F				Y	LONHRO ex DORKY (GRAND LODGE)
RAGGED RASCAL	2015	C				Y	DENMAN ex M'LADY PEDRILLE (AL MAHER)
RANIER	2015	C	G3			Y	LONHRO ex KANZAN (COMMANDS)
RASPBERRIES	2007	F	G3			Y	LONHRO ex LA MELBA (GRAND LODGE)
RAY'S GIRL	2009	F				Y	SAVABEEL ex NATURAL RHYTHM (VIKING RULER)
REAL CHARM	2010	F				Y	RESET ex PURFECT SIZE (CATBIRD)
REGAL POWER	2015	C				Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
REZONED	2010	F	G3			Y	ZABEEL ex BETTER ALTERNATIVE (FLYING SPUR)
SAINTHOOD	2005	G				Y	LONHRO ex BONNE FAMILLE (ANABAA)
SATIN SLIPPER	2015	F				Y	PIERRO ex SATIN SHOES (FLYING SPUR)
SAVABILL	2008	G				Y	SAVABEEL ex ILLUMINATE (DESERT SUN)
SAVAHEAT	2014	C				Y	SAVABEEL ex HEAT STORM (GREEN DESERT)
SCOUTING WIDE	2004	G				Y	ZABEEL ex GARDD (SHEIKH ALBADOU)
SHILLELAGH	2011	F	G1			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
SHOREHAM	2009	G	G3			Y	RESET ex TENEALES PEARL (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
SPIRIT BIRD	2012	F	G3			Y	SAVABEEL ex PRESS LEAK (ROCK OF GIBRALTAR)
STAR OF GISELLE	2007	F	G2			Y	RESET ex PRINCESA (DANEHILL)

Stakes winners bred from the ZABEEL--DANZIG cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
STEEL FROST	2012	C				Y	BRYANNBO'S GIFT ex HORSHOE (COMMANDS)
THE CHOSEN ONE	2015	C				Y	SAVABEEL ex THE GLITZY ONE (FLYING SPUR)
TOWER OF LONHRO	2008	C				Y	LONHRO ex SPIRE (DANEHILL)
TRIED AND TIRED	2009	C				Y	NIELLO ex YAWN (REDOUTE'S CHOICE)
TULIP	2014	F	G3			Y	PIERRO ex MUSIDORA (ROCK OF GIBRALTAR)
TULLAMORE	2006	G	G2			Y	SAVABEEL ex TROCAIR (FLYING SPUR)
TURNER BAYOU	2008	G				Y	ZABEEL ex CLASSY CHOICE (REDOUTE'S CHOICE)
VENGEANCE OF RAIN	2000	G	G1			Y	ZABEEL ex DANELAGH (DANEHILL)
VERRY ELLEEGANT	2015	F	G3			Y	ZED ex OPULENCE (DANROAD)
VESPER	2006	G				Y	ZABEEL ex SYLVANER (DANASINGA)
VON TUNZELMAN	2012	C	G3			Y	ZABEEL ex J'ADANE (DANEHILL)
WAIT FOR NO ONE	2014	C				Y	LONHRO ex DIVINE CHOICE (ROCK OF GIBRALTAR)
WAR HEROINE	2015	F	G2			Y	LONHRO ex WAR TIGRESS (WAR CHANT)
WARM LOVE	2007	F				Y	OCTAGONAL ex CHARANGAS (FLYING SPUR)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)
YOU'RE SO GOOD	2009	F				Y	SAVABEEL ex LIGHTNING SPUR (FLYING SPUR)
ZABENE	2003	C				Y	ZABEEL ex EMERALD DREAM (DANEHILL)
ZABISCO	2007	C	G3			Y	ZABEEL ex ARTHENA (DESERT SUN)
ZABRASIVE	2006	G	G1			Y	ZABEEL ex DANASIA (DANEHILL)
ZACROONA	2004	G	G3			Y	ZABEEL ex SINGALONG (DANASINGA)
ZAGREB (AUS)	2004	C				Y	ZABEEL ex DANSINO (DANEHILL)
ZARZUELA	2006	F	G2			Y	ZABEEL ex STAR SATIRE (VOLKSRAAD)
ZAUBERIN	2005	F				Y	ZABEEL ex ZALI (DANEHILL)
ZEPHYRON	2008	G	G3			Y	ZABEEL ex DIAMOND LIKE (DANEHILL)
ZINGAM	99	G	G3			Y	ZABEEL ex DANENDRI (DANEHILL)
ZURELLA	2008	F	G2			Y	ZABEEL ex DONEZE GIRL (VOLKSRAAD)
ZYDECO	2009	F	G2			Y	ZABEEL ex ALL TIME HIGH (FLYING SPUR)

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