



Generated on 02/10/25

		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		JESMOND LASS
		DANCING SHOW		NIJINSKY II
	THE AUTUMN SUN (2015)		1	SHOW LADY
		SADLER'S WELLS (C/S)		NORTHERN DANCER
		GALILEO (Q)		FAIRY BRIDGE
		URBAN SEA		MISWAKI
	AZMIYNA			ALLEGRETТА
		LEAR FAN (Q)		ROBERTO
	ASMARA			WAC
		ANAZA		DARSHAAN
				AZAARIKA
Prospective foal				
		SADLER'S WELLS (C/S)	1	NORTHERN DANCER
		HIGH CHAPARRAL		FAIRY BRIDGE
		KASORA		DARSHAAN
	DUNDEEL			KOZANA
		ZABEEL (Q)		SIR TRISTRAM
		STAREEL		LADY GISELLE
		STARING		FIESTA STAR
	PRINCESS MARS (2017)			SWEET VIOLET
		DANEHILL (Q)		DANZIG
		COMMANDS		RAZYANA
		COTEHELE HOUSE		MY SWANEE
	JEMISON			EIGHT CARAT
		SCENIC		SADLER'S WELLS
		VISTA VINCERE		IDYLLIC
		SUPER TREND		RED ANCHOR (NZ)
				EASTERN BAY

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

Roman Dosage Profile: (0-1-3-2-0)
D.I.: 0.71 C.D.: -0.17

Werk Quality Rating: Q 7
Dosage Points: 6 + Quality Points: 24 = Total Points: 30

5-Generation Inbreeding: DANEHILL - 3m x 4m
SADLER'S WELLS - 4m x 4m, 5m
NORTHERN DANCER - 5m, 5m x 5m
DARSHAAN - 5f x 5f

GeoNicks™ Australasia

THE AUTUMN SUN--PRINCESS MARS

A (180%)

Based on the REDOUTE'S CHOICE--HIGH CHAPARRAL cross

This cross has produced 5 stakes winners in Australasia, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
QUINTESSA	2020	F	G1			Y	SHAMUS AWARD ex CHAQUINTA (HIGH CHAPARRAL)
BEST OF BORDEAUX	2019	C	G2			Y	SNITZEL ex CHATEAU CHEVAL (HIGH CHAPARRAL)
WILLIAMSBURG	2019	C	G3			Y	SNITZEL ex FENWAY (HIGH CHAPARRAL)
RUSSIAN ALLIANCE	2020	F	G3			Y	RUSSIAN REVOLUTION ex SEA DWELLER (HIGH CHAPARRAL)
ROLL ON HIGH	2020	F	G3			Y	SHAMUS AWARD ex ALL HIGHS ON ME (HIGH CHAPARRAL)



GeoNicks™ Europe

THE AUTUMN SUN--PRINCESS MARS

A (183%)

Based on the REDOUTE'S CHOICE--SADLER'S WELLS cross

This cross has produced 6 stakes winners in Europe, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
SEVENNA STAR	2015	C	G3			Y	REDOUTE'S CHOICE ex SEVENNA (GALILEO)
MR MOZART	2018	C	G3			Y	SNITZEL ex EURO ANGEL (RIP VAN WINKLE)
SEE HECTOR	2019	C	G3			Y	COUNTERATTACK ex SCOUTING (NEW APPROACH)
PLAYA DEL PUENTE	2016	C			Y		ELZAAM ex PLAYAMONGTHESTARS (GALILEO)
LIMITI DI GRECCIO	2019	F				Y	ELZAAM ex GROTTA DEL FAUNO (GALILEO)
PIROUZ	2019	C				Y	COUNTERATTACK ex PARIVASH (SINGSPIEL)



GeoNicks™ North America

THE AUTUMN SUN--PRINCESS MARS

A++ (7423%)

Based on the DANEHILL--HIGH CHAPARRAL cross



This cross has produced 3 stakes winners in North America, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
A RAVING BEAUTY	2013	F	G1			Y	MASTERCRAFTSMAN ex ANABASIS (HIGH CHAPARRAL)
PAPILIO	2020	F	G2			Y	STARSPANGLED BANNER ex GLAFYRA (HIGH CHAPARRAL)
PIPSY	2021	F	G3		Y	Y	KODIAC ex EXPERTE (HIGH CHAPARRAL)

The Autumn Sun x Princess Mars

TYPE OF MATCH
Sponsored Stallion
20/20 Match

STALLION
The Autumn Sun

FEE
AUD 66,000

THIS IS A 20/20 MATCH
20/20

FARM
Arrowfield

LOCATION
Australia

EMAIL
sally.gordon@arrowfield.com.au

Graded Stakes Winners with same pattern

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Delicacy F	2011	2	3	2	0	22
Emerald Dream F	1996	1	0	1	0	22
Amovatio M	2010	0	0	1	0	22
Williamsburg M	2019	0	0	1	15	19
Niconero M	2001	5	1	0	0	18
First Seal F	2011	1	3	1	0	18
Castlereagh Kid M	2018	0	1	0	15	18
Lucy Mae F	2014	0	1	0	15	18
Hollowlea M	2007	0	1	0	0	18
Mokulua F	2018	0	1	0	0	18
Book Of Kells M	2004	0	1	0	0	18
Sons Of John M	2010	0	0	2	0	18
Mio Dio M	2010	0	0	1	15	18
Eclair Surprise M	2007	0	0	1	0	18
Chains Of Honour M	2016	0	0	1	0	18
Prentice M	2011	0	0	1	0	18
Almost Never M	2000	0	0	1	0	18
Miss Finland F	2003	5	2	2	0	15
The Autumn Sun M	2015	5	1	0	0	15
Lankan Rupee M	2009	5	0	2	0	15
Luas Line F	2002	1	0	0	0	15
Best Of Bordeaux M	2019	0	2	1	15	15
Numerian F	2016	0	2	0	0	15
Alabama Lass F	2021	0	1	1	15	15
Profound Beauty F	2004	0	0	3	0	15
Green Aeon M	2015	0	0	1	15	15
Sheer Talent M	2009	0	0	1	0	15
Pipsy F	2021	0	0	1	0	15
Lord Darci M	2017	0	0	1	0	15
Florentina F	2008	0	0	1	0	15
Sevenna Star M	2015	0	0	1	0	15
Alzora F	2009	0	0	1	0	15

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Ibiza F	2014	0	0	1	0	15
Packing Commander M	2006	0	0	1	0	15
Albrecht M	2009	0	0	1	0	15
Norge F	2018	0	0	1	0	15
Ottimo M	2009	0	1	0	0	14
Leitir Mor M	2010	0	0	2	0	14
The Elanora M	2017	0	0	2	0	14
Exquisite Jewel F	2011	0	0	1	15	14
Mon Petit Cherie F	2022	0	1	0	18	13
Temple Grafyn F	2015	1	0	2	0	12
Hucklebuck M	2010	1	0	2	0	12
Badawiya F	2012	0	2	0	0	12
Straight Arron M	2018	0	1	2	3	12
Swiss Exile M	2019	0	1	0	15	12
Mister Yeoh M	2014	0	1	0	7	12
Jigsaw M	2018	0	1	0	7	12
Wowiee F	2009	0	0	1	7	12
Monsieur Gustave M	2012	0	0	1	0	12
Inverloch M	2014	0	0	1	0	12
Russian Alliance F	2020	0	0	1	0	12
Rich Girl F	2011	0	0	1	0	12
Yattarna F	2012	0	0	1	0	12
Fireburn F	2019	2	2	0	14	11
Aragosta M	2018	1	0	1	15	11
Outlaw King M	2020	0	2	0	15	11
Mrs Browning F	2019	0	1	1	15	11
Kintyre M	2020	0	1	1	7	11
Union Square M	2019	0	1	0	15	11
Frances Ethel F	2020	0	1	0	15	11
Shantastic F	2019	0	0	1	15	11
Alpenjager M	2020	0	0	1	10	11
Via Sistina F	2018	5	1	1	0	10

The Autumn Sun x Princess Mars

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Guelph F	2010	4	1	1	0	10
Catch The Mad F	2007	4	0	0	0	10
Best Solution M	2014	3	1	2	0	10
Legatissimo F	2012	3	0	0	0	10
Hello Youmzain M	2016	2	2	0	0	10
A Raving Beauty F	2013	2	0	1	7	10
Harlem M	2012	2	0	1	0	10
Alibi M	2012	2	0	0	0	10
Prompt Response F	2013	1	3	0	15	10
Unforgotten F	2014	1	2	0	0	10
Savatoxl M	2015	1	1	2	7	10
Konigstiger M	2002	1	1	1	0	10
Catalyst M	2016	1	1	1	0	10
Thunder Fantasy M	2010	1	1	0	0	10
Outstrip M	2011	1	1	0	0	10
Rivet M	2014	1	1	0	0	10
Well Timed F	2015	1	1	0	0	10
Buckaroo M	2019	1	1	0	0	10
Southern Legend M	2012	1	0	2	15	10
Quintessa F	2020	1	0	2	0	10
Zhukova F	2012	1	0	2	0	10
Juliet Foxtrot F	2015	1	0	2	0	10
Vibrant Sun F	2020	1	0	1	34	10
Laganore F	2012	1	0	1	0	10
Ave F	2006	1	0	1	0	10
Mischief Magic M	2020	1	0	1	0	10
Temida F	2008	1	0	1	0	10
Babouche F	2022	1	0	1	0	10
Qualify F	2012	1	0	1	0	10
El Bodegon M	2019	1	0	1	0	10
Heavenly Blue M	2013	1	0	0	15	10
Southern Lord M	2009	1	0	0	15	10
Age Of Fire M	2014	1	0	0	0	10
Magicool M	2011	1	0	0	0	10
Pizza Bianca F	2019	1	0	0	0	10
Intricately F	2014	1	0	0	0	10
My Keepsake F	2006	1	0	0	0	10
Personal F	2017	1	0	0	0	10
Rain Affair M	2007	0	3	2	0	10
Marmelo M	2013	0	3	2	0	10

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Charles The Great M	2009	0	2	1	0	10
Arcetri Pink F	2010	0	2	1	0	10
Dame Malliot F	2016	0	2	0	0	10
Zarinsk F	2020	0	1	2	0	10
Turret Rocks F	2013	0	1	2	0	10
Autumn Ballet F	2020	0	1	1	31	10
Lofty Strike M	2019	0	1	1	15	10
Snitzanova F	2021	0	1	1	15	10
Greysful Glamour F	2015	0	1	1	15	10
Requinto M	2009	0	1	1	0	10
Costa Del Norte F	2019	0	1	1	0	10
Mango Diva F	2010	0	1	1	0	10
Inferno M	2016	0	1	1	0	10
Poker Face M	2019	0	1	1	0	10
Paximadia M	2010	0	1	1	0	10
Just Wonderful F	2016	0	1	1	0	10
Snapsan F	2015	0	1	1	0	10
Stay Alert F	2019	0	1	1	0	10
Single Bullet M	2014	0	1	0	15	10
Brandenburg M	2016	0	1	0	15	10
Not An Option M	2017	0	1	0	15	10
Positive Peace F	2015	0	1	0	15	10
Auyantepui F	2017	0	1	0	7	10
Altar F	2008	0	1	0	0	10
Jabali M	2011	0	1	0	0	10
Mongolian Falcon M	2013	0	1	0	0	10
Promise Of Success F	2016	0	1	0	0	10
L'imperator M	2017	0	1	0	0	10
O'president M	2018	0	1	0	0	10
Leading Role M	2013	0	1	0	0	10
Excelida F	2016	0	1	0	0	10
Ebiya F	2010	0	1	0	0	10
Washington Heights M	2011	0	1	0	0	10
Buratino M	2013	0	1	0	0	10
Mardi Gras M	2014	0	1	0	0	10
I Can Fly F	2015	0	1	0	0	10
Rich Legacy F	2014	0	1	0	0	10
Shining Emerald M	2011	0	0	3	0	10
Irithea F	2013	0	0	2	15	10
Venus De Milo F	2010	0	0	2	0	10

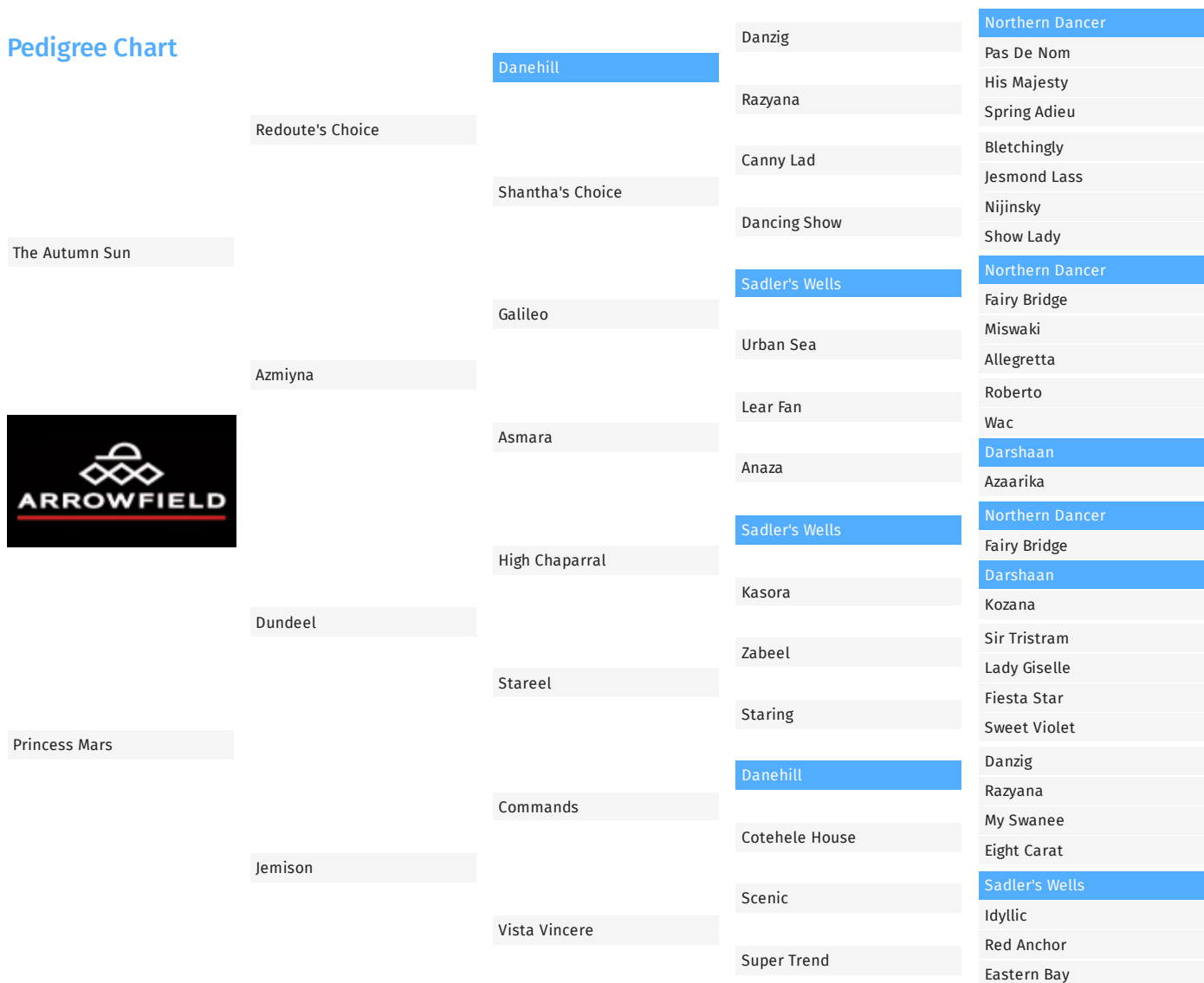
The Autumn Sun x Princess Mars

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Osaila F	2012	0	0	2	0	10
Geography M	2021	0	0	2	0	10
Francis Of Assisi M	2010	0	0	2	0	10
Ballet Concerto M	2013	0	0	2	0	10
Certain Lad M	2016	0	0	2	0	10
Big Tree M	2012	0	0	1	15	10
Target In Sight M	2009	0	0	1	15	10
Snapped F	2018	0	0	1	15	10
Prompt Return M	2012	0	0	1	15	10
Summer Monsoon M	2014	0	0	1	15	10
Karavas F	2021	0	0	1	15	10
Greyworm M	2014	0	0	1	15	10
Ombudsman M	2021	0	0	1	7	10
Ballistic Boy M	2016	0	0	1	7	10
Coulsty M	2011	0	0	1	0	10
King Pelles M	2020	0	0	1	0	10
Sound And Silence M	2015	0	0	1	0	10
Atom Hearth Mother M	2016	0	0	1	0	10
Strongman M	2010	0	0	1	0	10
Booming Delight M	2013	0	0	1	0	10
Capoeira M	2015	0	0	1	0	10
Fair Trade M	2005	0	0	1	0	10
My Catch M	2011	0	0	1	0	10
Secret Blaze M	2015	0	0	1	0	10
Seville Orange F	2015	0	0	1	0	10
Alexander Pope M	2008	0	0	1	0	10
Mahsoob M	2011	0	0	1	0	10
Dawn Wall F	2013	0	0	1	0	10
Venturi F	2001	0	0	1	0	10
Aemilianus M	2019	0	0	1	0	10
Champollion M	2010	0	0	1	0	10
Flying Tristram M	2006	0	0	1	0	10
Super Lifeline M	2009	0	0	1	0	10
Malandrino M	2008	0	0	1	0	10
Korisa F	2022	0	0	1	0	10
Mask Of Time M	2014	0	0	1	0	10
Hioctdane M	2009	0	0	1	0	10
Julio M	2015	0	0	1	0	10
Barbajuan M	2001	0	0	1	0	10
Miss Roseiano F	2019	0	0	1	0	10

HORSE NAME	YEAR	G1	G2	G3	E	CSI
Cannon Hill M	2008	0	0	1	0	10
Dubai Warrior M	2016	0	0	1	0	10
Nideeb M	2007	0	0	1	0	10
Ligne D'or F	2015	0	0	1	0	10
Roll On High F	2020	0	0	1	0	10
Obama Rule F	2007	0	0	1	0	10
Djumama F	2008	0	0	1	0	10
Faciascura F	2009	0	0	1	0	10
Bear Story M	2018	0	0	1	0	10
Mrs. Kipling F	2006	0	0	1	0	10
Horse Of Fortune M	2010	0	0	1	0	10
Cover Song F	2013	0	0	1	0	10
Spirit Of Appin F	2015	0	0	1	0	10
Pounding M	2018	0	0	1	0	10
Esentepe F	2009	0	0	1	0	10
Acanella F	2018	0	0	1	0	10
Savanne F	2011	0	0	1	0	10
Mootasadir M	2015	0	0	1	0	10

The Autumn Sun x Princess Mars

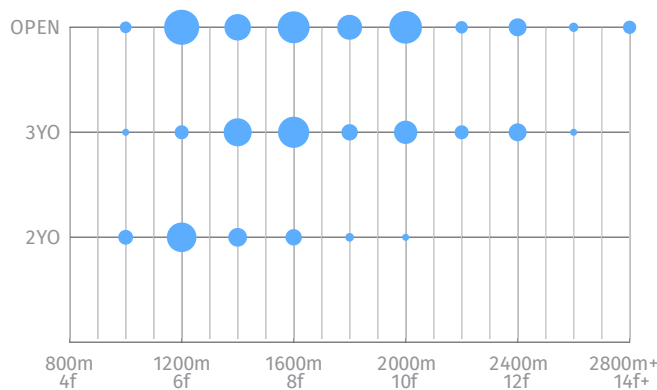
Pedigree Chart



Legend

- Indicates male inbreeding occurring in the same half of a pedigree.
- Indicates male inbreeding occurring in different halves of a pedigree.
- Indicates female inbreeding occurring in the same half of a pedigree.
- Indicates female inbreeding occurring in different halves of a pedigree.

Aptitude Profile



SIRE LINE

BROODMARE
SIRE LINE

HIGH CHAPARRAL

52540

SADLER'S WELLS

44

475*

786*

NORTHERN DANCER

275

1744*

3022*

REDOUTE'S CHOICE

DANEHILL

DANZIG

Stakes winners bred from the REDOUTE'S CHOICE--HIGH CHAPARRAL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BEST OF BORDEAUX	2019	C	G2			Y	SNITZEL ex CHATEAU CHEVAL (HIGH CHAPARRAL)
QUINTESSA	2020	F	G1			Y	SHAMUS AWARD ex CHAQUINTA (HIGH CHAPARRAL)
ROLL ON HIGH	2020	F	G3			Y	SHAMUS AWARD ex ALL HIGHS ON ME (HIGH CHAPARRAL)
RUSSIAN ALLIANCE	2020	F	G3			Y	RUSSIAN REVOLUTION ex SEA DWELLER (HIGH CHAPARRAL)
WILLIAMSBURG	2019	C	G3			Y	SNITZEL ex FENWAY (HIGH CHAPARRAL)

Stakes winners bred from the DANEHILL--HIGH CHAPARRAL cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
A RAVING BEAUTY	2013	F	G1			Y	MASTERCRAFTSMAN ex ANABASIS (HIGH CHAPARRAL)
ALPENJAGER	2020	C	G3			Y	NUTAN ex AMORA (HIGH CHAPARRAL)
ANGEL GUIDANCE	2020	F				Y	MASTERCRAFTSMAN ex ABOVE THE CLOUDS (HIGH CHAPARRAL)
BALLISTIC BOY	2016	C	G3			Y	SMART MISSILE ex MAGICAL MIST (HIGH CHAPARRAL)
BEST OF BORDEAUX	2019	C	G2			Y	SNITZEL ex CHATEAU CHEVAL (HIGH CHAPARRAL)
CALIFORNIA SPANGLE	2018	C	G1			Y	STARSPANGLEDDBANNER ex PEARLITAS PASSION (HIGH CHAPARRAL)
FIREBURN	2019	F	G1			Y	REBEL DANE ex MULL OVER (SO YOU THINK)
LORD DARCI	2017	C	G3			Y	DARCI BRAHMA ex MADAM VICTORIA (HIGH CHAPARRAL)
MISS INFINITY	2014	F				Y	ROCK OF GIBRALTAR ex MURAVKA (HIGH CHAPARRAL)
MISSION OF LOVE	2019	F				Y	THE MISSION ex HANAAN (HIGH CHAPARRAL)
NAUGHTY OR NICE	2014	F				Y	FASTNET ROCK ex MONTY'S GIRL (HIGH CHAPARRAL)
NORGE	2018	F	G3			Y	DYLAN THOMAS ex NAZBANOU (HIGH CHAPARRAL)
NUMERIAN	2016	C	G2			Y	HOLY ROMAN EMPEROR ex DELICATE CHARM (HIGH CHAPARRAL)
PAPILIO	2020	F	G2			Y	STARSPANGLEDDBANNER ex GLAFYRA (HIGH CHAPARRAL)
PIPSY	2021	F	G3		Y	Y	KODIAC ex EXPERTE (HIGH CHAPARRAL)
PUCHKINE	2021	C	G1			Y	STARSPANGLEDDBANNER ex VADYSKA (SO YOU THINK)
QUINTESSA	2020	F	G1			Y	SHAMUS AWARD ex CHAQUINTA (HIGH CHAPARRAL)
RIVA CAPRI	2016	F				Y	ATLANTE ex CHAPARELLA (HIGH CHAPARRAL)
ROLL ON HIGH	2020	F	G3			Y	SHAMUS AWARD ex ALL HIGHS ON ME (HIGH CHAPARRAL)
RUSSIAN ALLIANCE	2020	F	G3			Y	RUSSIAN REVOLUTION ex SEA DWELLER (HIGH CHAPARRAL)
STARRY HEAVENS	2020	F				Y	MASTERCRAFTSMAN ex ETOILE FILANTE (SO YOU THINK)
THE WOW SIGNAL	2012	C	G1			Y	STARSPANGLEDDBANNER ex MURAVKA (HIGH CHAPARRAL)
VASSILATOR	2015	C				Y	ZACINTO ex HIGHLIGHTS (HIGH CHAPARRAL)
WILLIAMSBURG	2019	C	G3			Y	SNITZEL ex FENWAY (HIGH CHAPARRAL)
YELLOW BRICK	2019	C	G3			Y	THE MISSION ex MAGICAL MIST (HIGH CHAPARRAL)

Stakes winners bred from the REDOUTE'S CHOICE--SADLER'S WELLS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ARAGOSTA	2018	C	G1			Y	RAFEEF ex MISS GALIDORA (GALILEO)
BELLACONTTE	2018	F	G3			Y	BURGUNDY ex DEVON DOLL (TAVISTOCK)
BEST OF BORDEAUX	2019	C	G2			Y	SNITZEL ex CHATEAU CHEVAL (HIGH CHAPARRAL)
BRANDENBURG	2016	C	G2			Y	BURGUNDY ex WANSESINGYEE (GALILEO)
CASTLETHORPE	2007	C	G3			Y	NOT A SINGLE DOUBT ex PARK HEIRESS (SADLER'S WELLS)
CHIX PIC	2015	C				Y	PATRONIZE ex SASSY FLYER (DUE SASSO)
DEBONAIRLY	2014	F				Y	SNITZEL ex CRYSTAL CHOIR (SINGSPIEL)
EMPRESS OF JADE	2018	F				Y	RAFEEF ex ESCONDIDA (FORT WOOD)
EXQUISITE JEWEL	2011	F	G3			Y	LUCKY UNICORN ex GAME DUCHESS (MONTJEU)
EXTREME FLIGHT	2018	C				Y	EXTREME CHOICE ex ABSCOND (GALILEO)
FRANCES ETHEL	2020	F	G2			Y	RAFEEF ex DAPHNE GARLAND (FORT WOOD)
GREAT ESTEEM	2010	C				Y	REDOUTE'S CHOICE ex PARK ESTEEM (SINGSPIEL)
HEAVENLY BLUE	2013	C	G1			Y	SNITZEL ex SIMPLY CARINA (EL PRADO)
HIGH ESTEEM	2009	C				Y	REDOUTE'S CHOICE ex PARK ESTEEM (SINGSPIEL)
KITTENS	2007	F	G3			Y	REDOUTE'S CHOICE ex ST. KATHERINE (BARATHEA)
KIWI IDA	2014	F	G2			Y	SQUAMOSIA ex EMPRESS IDA (BLEVIC)
LIMITI DI GRECCIO	2019	F				Y	ELZAAM ex GROTTA DEL FAUNO (GALILEO)
LUCY MAE	2014	F	G2			Y	STRATUM ex RAZZIA (SCENIC)
MARACOURT	2018	C				Y	HAMPTON COURT ex MARANA MAJIC (SCENIC)
MERCURIAL	2018	C	G1			Y	BURGUNDY ex ROXETTE (TAVISTOCK)
MIO DIO	2010	C	G3			Y	GOD'S OWN ex HAGEABI (SCENIC)
MISSTRUM	2009	F				Y	STRATUM ex MALAGRA MISS (BARATHEA)
MON PETIT CHERIE	2021	F	G2			Y	RAFEEF ex EXOTIC (GALILEO)
MR MOZART	2018	C	G2			Y	SNITZEL ex EURO ANGEL (RIP VAN WINKLE)
MRS BROWNING	2019	F	G2			Y	RAFEEF ex MISS GALIDORA (GALILEO)
PACKING COMMANDER	2006	G				Y	REDOUTE'S CHOICE ex ABBADENA (RUNYON)
PELLIZOTTI	2007	C				Y	STRATUM ex RED LABELLE (BLEVIC)
PIROUZ	2019	C				Y	COUNTERATTACK ex PARIVASH (SINGSPIEL)
PLAYA DEL PUENTE	2016	C			Y		ELZAAM ex PLAYAMONGTHESTARS (GALILEO)
QUINTESSA	2020	F	G1			Y	SHAMUS AWARD ex CHAQUINTA (HIGH CHAPARRAL)
ROLL ON HIGH	2020	F	G3			Y	SHAMUS AWARD ex ALL HIGHS ON ME (HIGH CHAPARRAL)
RUSSIAN ALLIANCE	2020	F	G3			Y	RUSSIAN REVOLUTION ex SEA DWELLER (HIGH CHAPARRAL)
SANABREANNA	2016	F				Y	RED HOT CHOICE ex SANABRESA (SCENIC)
SECRET BLAZE	2015	C	G3			Y	SIZZLING ex ABSCOND (GALILEO)
SEE HECTOR	2019	C	G3			Y	COUNTERATTACK ex SCOUTING (NEW APPROACH)
SEVENNA STAR	2015	C	G3			Y	REDOUTE'S CHOICE ex SEVENNA (GALILEO)
SHANTASTIC	2019	F	G3			Y	RAFEEF ex GAIN GROUND (FORT WOOD)
SHEER TALENT	2009	C	G3			Y	REDOUTE'S CHOICE ex ST. KATHERINE (BARATHEA)
SINGLE SPICE	2008	F				Y	NOT A SINGLE DOUBT ex ZAFFRON GAL (GALILEO)
SNITZANOVA	2021	F	G2			Y	SNITZEL ex ALBANILLA (GALILEO)
SOUL CHOICE	2019	F				Y	REDOUTE'S CHOICE ex THISLILSOULOFMINE (PERFECT SOUL)
SOUTHERN LEGEND	2012	C	G1			Y	NOT A SINGLE DOUBT ex DONNA'S APPEAL (CARNEGIE)
THE AUTUMN SUN	2015	C	G1			Y	REDOUTE'S CHOICE ex AZMIYNA (GALILEO)
WILLIAMSBURG	2019	C	G3			Y	SNITZEL ex FENWAY (HIGH CHAPARRAL)

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