

Generated on 10/02/25

ated on 10/02/25		SEEKING THE GOLD (Q)		MR. PROSPECTOR CON GAME
		DUBAI MILLENNIUM		SHAREEF DANCER
		COLORADO DANCER		FALL ASPEN
	DUBAWI			SHIRLEY HEIGHTS
		DEPLOY		SLIGHTLY DANGEROUS
	ZOMARADAH			DANCING BRAVE
		JAWAHER	1	HIGH TERN
TOO DARN HOT (2016)		IN THE WINGS (C/S)	1	SADLER'S WELLS HIGH HAWK
	SINGSPIEL			HALO
		GLORIOUS SONG		BALLADE
	DAR RE MI			HIGH TOP
		TOP VILLE		SEGA VILLE
	DARARA			ABDOS
		DELSY		KELTY
Prospective foal				
		NORTHERN DANCER (B/C)		NEARCTIC
		SADLER'S WELLS (C/S)		NATALMA
		FAIRY BRIDGE		BOLD REASON SPECIAL
	GALILEO (Q)			MR. PROSPECTOR
		MISWAKI (Q)		HOPESPRINGSETERNAL
		URBAN SEA		LOMBARD
		ALLEGRETTA		ANATEVKA
DREAMS AND WISHES (2007)		MR. PROSPECTOR (B/C)		RAISE A NATIVE GOLD DIGGER
		JADE HUNTER		PHARLY
		JADANA		JANINA
	PROCRASTINATE			BETTER BOY
		CENTURY (AUS) (Q)		ROYAL SUITE
		REIGNTAINE		VAIN
		RAINBEAM		RAIN SHADOW

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

Roman Dosage Profile: (2-0-5-3-0)

D.I.: 0.82

C.D.: 0.10

Werk Quality Rating: Q 5

Dosage Points: 10 + Quality Points: 14 = Total Points: 24

5-Generation Inbreeding:

SADLER'S WELLS - 5m x 3m

MR. PROSPECTOR - 5m x 4m, 5m

GeoNicks™ Australasia

TOO DARN HOT--DREAMS AND WISHES

A+ (591%)

Based on the TOO DARN HOT--SADLER'S WELLS cross

This cross has produced 2 stakes winners in Australasia, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
RIVELLINO	2022	C	G2			Y	TOO DARN HOT ex INTRINSIC (SO YOU THINK)
SUPERALLOY	2021	C				Y	TOO DARN HOT ex ORIA (MEDAGLIA D'ORO)



GeoNicks™ North America

TOO DARN HOT--DREAMS AND WISHES

A+++ *Triple Plus*

Based on the DUBAWI--SADLER'S WELLS cross



This cross has produced 9 stakes winners in North America, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
WUHEIDA	2014	F	G1			Y	DUBAWI ex HIBAAAYEB (SINGSPIEL)
OLD PERSIAN	2015	C	G1			Y	DUBAWI ex INDIAN PETAL (SINGSPIEL)
MODERN GAMES	2019	C	G1			Y	DUBAWI ex MODERN IDEALS (NEW APPROACH)
CHOISYA	2020	F	G1			Y	NIGHT OF THUNDER ex FRAGRANCY (SINGSPIEL)
IDEA GENERATION	2020	F	G2			Y	DUBAWI ex KNOCKNAGREE (GALILEO)
DEMACHELIER	2016	C	G3			Y	DUBAWI ex LOVEISALLYOUNEED (SADLER'S WELLS)
FRANCESCO CLEMENTE	2019	C	G3			Y	DUBAWI ex JUSTLOOKDONT TOUCH (GALILEO)
DUBARA	2014	F				Y	DUBAWI ex KIBARA (SADLER'S WELLS)
FLATTEN THE CURVE	2019	C				Y	ZARAK ex LAILOMA (TEOFILO)



TOO DARN HOT--DREAMS AND WISHES

A (408%)

Based on the DUBAWI--GALILEO cross

This cross has produced 45 stakes winners in Europe, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
NIGHT OF THUNDER	2011	C	G1			Y	DUBAWI ex FOREST STORM (GALILEO)
GHAIIYATH	2015	C	G1			Y	DUBAWI ex NIGHTTIME (GALILEO)
MODERN GAMES	2019	C	G1			Y	DUBAWI ex MODERN IDEALS (NEW APPROACH)
COROEBUS	2019	C	G1			Y	DUBAWI ex FIRST VICTORY (TEOFILO)
HENRY LONGFELLOW	2021	C	G1			Y	DUBAWI ex MINDING (GALILEO)
EZELIYA	2021	F	G1			Y	DUBAWI ex EZIYRA (TEOFILO)
LEAD ARTIST	2021	C	G1			Y	DUBAWI ex OBLIGATE (FRANKEL)
DARTMOUTH	2012	C	G2		Y	Y	DUBAWI ex GALATEE (GALILEO)
AMBITION	2016	F	G2			Y	DUBAWI ex TALENT (NEW APPROACH)
ANCIENT TRUTH	2022	C	G2			Y	DUBAWI ex BEYOND REASON (AUSTRALIA)
NAKHEEL	2021	F	G2			Y	DUBAWI ex INTO THE MYSTIC (GALILEO)
ISAAC SHELBY	2020	C	G2			Y	NIGHT OF THUNDER ex KENTUCKY BELLE (HELIOSTATIC)
CRYPTO FORCE	2020	C	G2			Y	TIME TEST ex LUNA MARE (GALILEO)
DARNATION	2021	F	G2			Y	TOO DARN HOT ex MONDAY MONDAY (GALILEO)
BAY CITY ROLLER	2022	C	G2			Y	NEW BAY ex BLOOMFIELD (TEOFILO)
FLATTEN THE CURVE	2019	C	G2			Y	ZARAK ex LAILOMA (TEOFILO)
WAARDAH	2022	F	G2			Y	POSTPONED ex NEESAAN (NEW APPROACH)
KLAYNN	2022	F	G2			Y	MAKE BELIEVE ex DWEEZIL (RIP VAN WINKLE)
FONTHILL ABBEY	2016	F	G3			Y	DUBAWI ex FAIR HILL (NEW APPROACH)
THUNDER DRUM	2018	F	G3			Y	DUBAWI ex GREAT HEAVENS (GALILEO)
CONCERT HALL	2019	F	G3			Y	DUBAWI ex WAS (GALILEO)
HIDDEN LAW	2021	C	G3			Y	DUBAWI ex SECRET GESTURE (GALILEO)
NOBLE DYNASTY	2018	C	G3			Y	DUBAWI ex ALINA (GALILEO)
ZANZOUN	2022	F	G3			Y	DUBAWI ex FRANCONIA (FRANKEL)
TRINITY COLLEGE	2022	C	G3			Y	DUBAWI ex HERMOSA (GALILEO)
KING OF CITIES	2022	C	G3			Y	DUBAWI ex AJMAN PRINCESS (TEOFILO)
THUNDER KISS	2017	F	G3			Y	NIGHT OF THUNDER ex DESERT SNOW (TEOFILO)
ROSE OF KILDARE	2017	F	G3			Y	MAKE BELIEVE ex CRUCK REALTA (SIXTIES ICON)
UAE JEWEL	2016	C				Y	DUBAWI ex GEMSTONE (GALILEO)
MASHAEL	2016	F				Y	DUBAWI ex AL JASSASIYAH (GALILEO)
NASHIRAH	2016	F				Y	DUBAWI ex PERFECT LIGHT (GALILEO)
NATIONAL DANCE	2019	F				Y	DUBAWI ex STRATHSPEY (NEW APPROACH)
FINAL GESTURE	2019	F				Y	DUBAWI ex SECRET GESTURE (GALILEO)
SAN ANTONIO	2020	C				Y	DUBAWI ex RAIN GODDESS (GALILEO)
BOOGIE WOOGIE	2020	F				Y	DUBAWI ex SEVENTH HEAVEN (GALILEO)
PORTLAND	2021	C				Y	DUBAWI ex ZAGITOVA (GALILEO)
WINGSPAN	2021	F				Y	DUBAWI ex HYDRANGEA (GALILEO)
BABAKOOL	2021	C				Y	DUBAWI ex TERRAKOVA (GALILEO)
OFFICER	2022	C				Y	DUBAWI ex HYDRANGEA (GALILEO)
FORMAL	2022	F				Y	DUBAWI ex VERACIOUS (FRANKEL)



Stakes Winners

Stakes winners bred from the TOO DARN HOT--GALILEO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
DARNATION	2021	F	G2			Y	TOO DARN HOT ex MONDAY MONDAY (GALILEO)



Stakes Wins by DARNATION

Includes NA unrestricted and blacktype-qualifying foreign stakes wins

Year	Race	Grade	Track	Distance	Surface	State
at 2						
2023	Prestige Fillies' S. (William Hill)	3	GOOD	7.0	T	ENG
2023	May Hill S. (Betfred)	2	DONC	8.0	T	ENG
at 3						
2024	German 1000 Guineas (WEMPE)	2	DUSS	8.0	T	GER



Stakes Wins by HOTAZHELL

Includes NA unrestricted and blacktype-qualifying foreign stakes wins

Year	Race	Grade	Track	Distance	Surface	State
at 2						
2024	Tyros S. (Japan Racing Association)	3	LEOP	7.0	T	IRE
2024	Beresford S. (Montane Developments)	2	CURR	8.0	T	IRE
2024	Futurity Trophy S. (William Hill)	1	DONC	8.0	T	ENG

Stakes winners bred from the TOO DARN HOT--SADLER'S WELLS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALYANAABI	2021	C	G3			Y	TOO DARN HOT ex ALYAMAAMA (KITTEN'S JOY)
DARNATION	2021	F	G2			Y	TOO DARN HOT ex MONDAY MONDAY (GALILEO)
EMIT	2022	C				Y	TOO DARN HOT ex LIGHT OF JOY (KITTEN'S JOY)
RIVELLINO	2022	C	G2			Y	TOO DARN HOT ex INTRINSIC (SO YOU THINK)
SUPERALLOY	2021	C				Y	TOO DARN HOT ex ORIA (MEDAGLIA D'ORO)

Stakes winners bred from the TOO DARN HOT--NORTHERN DANCER cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALYANAABI	2021	C	G3			Y	TOO DARN HOT ex ALYAMAAMA (KITTEN'S JOY)
DARNATION	2021	F	G2			Y	TOO DARN HOT ex MONDAY MONDAY (GALILEO)
EMIT	2022	C				Y	TOO DARN HOT ex LIGHT OF JOY (KITTEN'S JOY)
ETES VOUS PRETS	2021	F	G2			Y	TOO DARN HOT ex NAHOODH (CLODOVIL)
FITZELLA	2023	F	G3			Y	TOO DARN HOT ex SHAMANDAR (EXCEED AND EXCEL)
GLITTERING LEGEND	2022	C			Y		TOO DARN HOT ex EASTERN BELLE (CHAMPS ELYSEES)
HOTAZHELL	2022	C	G1			Y	TOO DARN HOT ex AZENZAR (DANEHILL DANCER)
OVERSUBSCRIBED	2021	F				Y	TOO DARN HOT ex ZURIGHA (CAPE CROSS)
RIVELLINO	2022	C	G2			Y	TOO DARN HOT ex INTRINSIC (SO YOU THINK)
SILMARILLION	2021	F				Y	TOO DARN HOT ex YAVANNA (REDOUTE'S CHOICE)
SIMMERING	2022	F	G2			Y	TOO DARN HOT ex CASHLA BAY (FASTNET ROCK)
SMOKEN	2022	F				Y	TOO DARN HOT ex MISS MARJURIE (MARJU)
SUPERALLOY	2021	C				Y	TOO DARN HOT ex ORIA (MEDAGLIA D'ORO)
TROPICUS	2021	C	G3			Y	TOO DARN HOT ex EXTENSIBLE (EXCEED AND EXCEL)

Stakes winners bred from the DUBAWI--GALILEO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
AMBITION	2016	F	G2			Y	DUBAWI ex TALENT (NEW APPROACH)
ANCIENT TRUTH	2022	C	G2			Y	DUBAWI ex BEYOND REASON (AUSTRALIA)
BABAKOOL	2021	C				Y	DUBAWI ex TERRAKOVA (GALILEO)
BAY CITY ROLLER	2022	C	G2			Y	NEW BAY ex BLOOMFIELD (TEOFILO)
BOOGIE WOOGIE	2020	F				Y	DUBAWI ex SEVENTH HEAVEN (GALILEO)
CAMPACITE	2023	C				Y	ZARAK ex WANAWAY (GALIWAY)
CONCERT HALL	2019	F	G3			Y	DUBAWI ex WAS (GALILEO)
COROEBUS	2019	C	G1			Y	DUBAWI ex FIRST VICTORY (TEOFILO)
CRYPTO FORCE	2020	C	G2			Y	TIME TEST ex LUNA MARE (GALILEO)
D'ORES ET DEJA	2022	F				Y	ZARAK ex D'OR ET DIAMANT (TEOFILO)
DARNATION	2021	F	G2			Y	TOO DARN HOT ex MONDAY MONDAY (GALILEO)
DARTMOUTH	2012	C	G2		Y	Y	DUBAWI ex GALATEE (GALILEO)
EXPAT	2017	F	G2			Y	MAKFI ex CAUTION (GALILEO)
EZELIYA	2021	F	G1			Y	DUBAWI ex EZIYRA (TEOFILO)
FINAL GESTURE	2019	F				Y	DUBAWI ex SECRET GESTURE (GALILEO)
FIRST LIGHT	2018	C	G3			Y	DUBAWI ex ANZHELIKA (GALILEO)
FLATTEN THE CURVE	2019	C	G2			Y	ZARAK ex LAILOMA (TEOFILO)
FONTHILL ABBEY	2016	F	G3			Y	DUBAWI ex FAIR HILL (NEW APPROACH)
FORMAL	2022	F				Y	DUBAWI ex VERACIOUS (FRANKEL)
FRANCESCO CLEMENTE	2019	C	G3			Y	DUBAWI ex JUSTLOOKDONTTOUCH (GALILEO)
GHAIIYATH	2015	C	G1			Y	DUBAWI ex NIGHTTIME (GALILEO)
HENRY LONGFELLOW	2021	C	G1			Y	DUBAWI ex MINDING (GALILEO)
HIDDEN LAW	2021	C	G3			Y	DUBAWI ex SECRET GESTURE (GALILEO)
IDEA GENERATION	2020	F	G2			Y	DUBAWI ex KNOCKNAGREE (GALILEO)
ISAAC SHELBY	2020	C	G2			Y	NIGHT OF THUNDER ex KENTUCKY BELLE (HELIOSTATIC)
KING OF CITIES	2022	C	G3			Y	DUBAWI ex AJMAN PRINCESS (TEOFILO)
KLAYNN	2022	F	G2			Y	MAKE BELIEVE ex DWEEZIL (RIP VAN WINKLE)
LEAD ARTIST	2021	C	G1			Y	DUBAWI ex OBLIGATE (FRANKEL)
MASHAEL	2016	F				Y	DUBAWI ex AL JASSASIYAH (GALILEO)
MODERN GAMES	2019	C	G1			Y	DUBAWI ex MODERN IDEALS (NEW APPROACH)
NAHRAAN	2022	C				Y	MAKE BELIEVE ex FIRST KINGDOM (FRANKEL)
NAKHEEL	2021	F	G2			Y	DUBAWI ex INTO THE MYSTIC (GALILEO)
NASHIRAH	2016	F				Y	DUBAWI ex PERFECT LIGHT (GALILEO)
NATIONAL DANCE	2019	F				Y	DUBAWI ex STRATHSPEY (NEW APPROACH)
NIGHT OF THUNDER	2011	C	G1			Y	DUBAWI ex FOREST STORM (GALILEO)
NOBLE DYNASTY	2018	C	G3			Y	DUBAWI ex ALINA (GALILEO)
OFFICER	2022	C				Y	DUBAWI ex HYDRANGEA (GALILEO)
PORTLAND	2021	C				Y	DUBAWI ex ZAGITOVA (GALILEO)
ROSE OF KILDARE	2017	F	G3			Y	MAKE BELIEVE ex CRUCK REALTA (SIXTIES ICON)
SAN ANTONIO	2020	C				Y	DUBAWI ex RAIN GODDESS (GALILEO)
SECRET ADVISOR	2014	C	G3			Y	DUBAWI ex SUB ROSE (GALILEO)
SILENT LOVE	2022	F				Y	DUBAWI ex HADITH (NEW APPROACH)
SQUARE D'ALBONI	2022	C				Y	ZARAK ex POLONIA LADY (AUSTRALIA)
THUNDER DRUM	2018	F	G3			Y	DUBAWI ex GREAT HEAVENS (GALILEO)

Stakes winners bred from the DUBAWI--GALILEO cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
THUNDER KISS	2017	F	G3			Y	NIGHT OF THUNDER ex DESERT SNOW (TEOFILO)
THUNDERSQUALL	2019	C		Y			DUBAWI ex PLEASCACH (TEOFILO)
TRINITY COLLEGE	2022	C	G3			Y	DUBAWI ex HERMOSA (GALILEO)
UAE JEWEL	2016	C				Y	DUBAWI ex GEMSTONE (GALILEO)
WAARDAH	2022	F	G2			Y	POSTPONED ex NEESAAN (NEW APPROACH)
WINDLORD	2022	C				Y	DUBAWI ex GOLDIKA (INTELLO)
WINGSPAN	2021	F				Y	DUBAWI ex HYDRANGEA (GALILEO)
ZANZOUN	2022	F	G3			Y	DUBAWI ex FRANCONIA (FRANKEL)

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 HENRYTHENAVIGATOR	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