WERK NICK RATINGTM (based on the CHOISIR - KENMARE cross)

(+340%)



CHOISIR/KENMARE

(+397%)

MMLJAN18

Generated on 01/05/18

DANEHILL (Q) DANEHILL DANCER (Q)

RAZYANA SHARPEN UP

DANZIG

MIRA ADONDE

LETTRE D'AMOUR

LUNCHTIME (Q)

SILLY SEASON **GREAT OCCASION**

GREAT SELECTION

BISCAY STAID

OLYMPIC GLORY

CHOISIR

(2010)

LYPHARD (C)

NORTHERN DANCER **GOOFED**

ALZAO (Q) LADY REBECCA

PENSIVE MOOD

SIR IVOR

ACIDANTHERA

POCAHONTAS

SHIRLEY HEIGHTS (C/P)

MILL REEF **HARDIEMMA**

AMARANTHUS

BOLD LAD (IRE)

AMARANDA

FAVOLETTA

Colt

Hip 638

KALAMOUN (Q)

ZEDDAAN **KHAIRUNISSA**

KENMARE (Q)

MILESIAN

BELLE OF IRELAND

BELLE OF THE BALL

SIR GAYLORD

HABITAT (B) **PORPHYRINE**

LITTLE HUT

KATIE MAY

BUSTED CAWSTON'S PRIDE

METAL STORM

(2001)

COVERTLY

CAERLEON (Q)

NIJINSKY II FORESEER

BLETCHLEY PARK

AHONOORA

ENIGMA

PRINCESS RU

MOST SECRET

HAULPAK

DIGNITAS

EBONY PAK

WINGED BEAUTY

TITIAN TINA

SILVER KNIGHT

PETTINA

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

Roman Dosage Profile: (2-0-3-0-1)D.I.: 1.40

C.D.: 0.33

Werk Quality Rating:

Q 6

Dosage Points:

+ Quality Points:

20

Total Points:

26

Best of Sale:



5-Generation Inbreeding:

OLYMPIC GLORY

Stands at HARAS DE BOUQERTOT, FRA for a fee of €12000

Stakes Winners from the CHOISIR--KENMARE cross

Stakes Winner	Yob	Sex	Best	Dirt AWS	Turf	Pedigree
KALAHAAR	2008	G			Y	CHOISIRKALATIARA (METAL STORM)
LADY SPRINGBANK	2007	F	G3		Y	CHOISIRSEVERA (KENDOR)
UXORIOUS	2005	G	G3		Y	CHOISIRSHINY MAI (KELTRICE)



Stakes Winners

Stakes winners bred from the DANEHILL DANCER--KENMARE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
BAINO HOPE	2011	F	G2			Υ	JEREMY ex BAINO RIDGE (HIGHEST HONOR)
FANTASTIC BLUE	2006	G	G3			Υ	DANEHILL DANCER ex CHANDRIKA (KENMARE)
KALAHAAR	2008	G				Υ	CHOISIR ex KALATIARA (METAL STORM)
LADY SPRINGBANK	2007	F	G3			Υ	CHOISIR ex SEVERA (KENDOR)
LIGHT FANTASTIC	2004	G	G1			Υ	DANEHILL DANCER ex LEICA OR NOT (KENDOR)
PENNY PEPPER	2012	F	G3			Υ	FAST COMPANY ex EVENING TIME (KELTOS)
TRIP TO GLORY	2005	F				Υ	WHERE OR WHEN ex TRIP TO FAME (LORDMARE)
UXORIOUS	2005	G	G3			Υ	CHOISIR ex SHINY MAI (KELTRICE)



Stakes Winners

Stakes winners bred from the DANEHILL--KALAMOUN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ANTIQUE BELLE	2009	F				Υ	REDOUTE'S CHOICE ex ANTIQUE (METAL STORM)
BAINO HOPE	2011	F	G2			Υ	JEREMY ex BAINO RIDGE (HIGHEST HONOR)
BAINO ROCK	2009	F				Υ	ROCK OF GIBRALTAR ex BAINO RIDGE (HIGHEST HONOR)
BALMORAL CASTLE	2007	F				Υ	SPARTACUS ex HIGH FIVE (HIGHEST HONOR)
BROADWAY BELLE	2005	F				Υ	REDOUTE'S CHOICE ex ANTIQUE (METAL STORM)
BUDDY BUNDY	2010	G				Υ	AL MAHER ex CHASE THE CHICK (KENMARE)
CHEETAH	2007	F	G3		Υ	Υ	TIGER HILL ex KASSIYRA (KENDOR)
CHILDA	2010	F				Υ	DUKE OF MARMALADE ex CHILL (VERGLAS)
DAN GREY	2000	F				Υ	DANEHILL ex MYRTLE BEACH (KENMARE)
DANE BELLTAR	2000	F	G3			Υ	DANEWIN ex AMEERAT-BLAADI (KENMARE)
DESERT LASHES	2013	F				Υ	REWARD FOR EFFORT ex MISHA'S BELLE (BARYSHNIKOV (AUS))
DESTRUCTION	2009	С				Υ	FASTNET ROCK ex STORM SIGNAL (KELTRICE)
DETECTIVE	2013	С				Υ	SNITZEL ex COVERTLY (METAL STORM)
DREAM LIFTER	2009	С				Υ	DANEHILL EXPRESS ex EBONY STORM (METAL STORM)
DUKE DERBY	2011	С		Υ		Υ	DUKE OF MARMALADE ex TOCOPILLA (MEDAALY)
FAITH HILL	98	F	G2			Υ	DANEHILL ex SIMPLY BELIEVE (KENMARE)
FANTASTIC BLUE	2006	G	G3			Υ	DANEHILL DANCER ex CHANDRIKA (KENMARE)
FASHION ROCKS	2005	F				Υ	ROCK OF GIBRALTAR ex LA GANDILIE (HIGHEST HONOR)
FICKLE	96	F				Υ	DANEHILL ex FADE (PERSEPOLIS)
FULLAZZ	2002	F				Υ	REDOUTE'S CHOICE ex BATTONAGE (KENMARE)
GOAL KEEPER	2008	G				Υ	UNTOUCHABLE ex MY COUSIN RACHEL (KAMPALA)
GREY LILAS	2001	F	G1			Υ	DANEHILL ex KENMIST (KENMARE)
GRIFFON	2005	G				Υ	FLYING SPUR ex JEUNE GIRL (JEUNE)
GROWING GREY	2010	С				Υ	MURTAJILL ex MARY D'OR (VERGLAS)
HADAAF	2002	G				Υ	DANEWIN ex BELLE DESIRE (KENMARE)
HOBART JONES	2011	С	G2			Υ	SO SECRET ex TRIBULOT (TRIBU)
I'LL HAVE A BIT	2014	F	G3			Υ	SMART MISSILE ex TAKE ALL OF ME (JEUNE)
IMMORTALITY	2003	С				Υ	LION HUNTER ex SHE'S GOD'S GIFT (KELTRICE)
KALAHAAR	2008	G				Υ	CHOISIR ex KALATIARA (METAL STORM)
KANDAHAR RUN	2005	С				Υ	ROCK OF GIBRALTAR ex KENMIST (KENMARE)
KENCELLA	2009	G	G3			Υ	EXCEED AND EXCEL ex KENTIARA (METAL STORM)
KERRIFIC	2006	G	G3			Υ	BLACKFRIARS ex STRIKING ZOE (TRIBU)
KIA ORA KOUTOU	2012	С				Υ	BLACKFRIARS ex KIA ORA MISS (JEUNE)
LADY SPRINGBANK	2007	F	G3			Υ	CHOISIR ex SEVERA (KENDOR)
LATORIA	2006	F				Υ	ORATORIO ex LAVENTOUR (METAL STORM)
LIGHT FANTASTIC	2004	G	G1			Υ	DANEHILL DANCER ex LEICA OR NOT (KENDOR)
MISS MOONEY MOONEY	2001	F				Υ	REDOUTE'S CHOICE ex SALLY MAGIC (KELTRICE)
MORNING FROST	2010	F			Υ		DUKE OF MARMALADE ex EVENING TIME (KELTOS)
MUSHREQ	2008	G	G2			Υ	FLYING SPUR ex ALHARIR (JEUNE)
PENNY PEPPER	2012	F	G3			Υ	FAST COMPANY ex EVENING TIME (KELTOS)
PERFECT JEWEL	2014	F	G2			Υ	REDOUTE'S CHOICE ex STAR ENCOUNTER (JEUNE)
PINEZERO	2002	F				Υ	DANZERO ex ALPINE SPIRIT (KENMARE)
POP CULTURE	2008	F	G3			Υ	BLACKFRIARS ex GEORGIA'S STORM (METAL STORM)
PROFOUND BEAUTY	2004	F	G3			Υ	DANEHILL ex DIAMOND TRIM (HIGHEST HONOR)



Stakes Winners

Stakes winners bred from the DANEHILL--KALAMOUN cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
RAGEMAN	2000	G	G3			Υ	DESERT KING ex SUBASTA (KENDOR)
ROCK ME BABY	2005	F	G2			Υ	ROCK OF GIBRALTAR ex HIGHEST COOL (HIGHEST HONOR)
ROSMARTINI	2012	F				Υ	PROART ex ROSMOPOLITAN (VERGLAS)
ROYAL STAR	2013	F				Υ	REDOUTE'S CHOICE ex STAR ENCOUNTER (JEUNE)
SAENT	2013	С	G2			Υ	STRATEGIC PRINCE ex EROICA (HIGHEST HONOR)
SHARNEE ROSE	2008	F	G3			Υ	NADEEM ex FARASHA (JEUNE)
SHE RULES	2005	F	G3			Υ	COMMANDS ex SHE'S COUNTRY (KENFAIR)
SHEIDEL	2011	F	G1			Υ	HOLY ROMAN EMPEROR ex LAVENTOUR (METAL STORM)
SMART VOLATILITY	2008	С				Υ	DANEWIN ex SOMETHING FUNNY (BARYSHNIKOV (AUS))
SO BELOVED	2010	С	G3			Υ	DANSILI ex VALENCIA (KENMARE)
SPEAK IN COLOURS	2015	С				Υ	EXCELEBRATION ex MAGLIETTA FINA (VERGLAS)
TITLE	2006	G				Υ	HONOURS LIST ex CLAUDIA (AL JAASI)
TRIP TO GLORY	2005	F				Υ	WHERE OR WHEN ex TRIP TO FAME (LORDMARE)
UXORIOUS	2005	G	G3			Υ	CHOISIR ex SHINY MAI (KELTRICE)
VILLA VERDE	2010	F	G2			Υ	NOT A SINGLE DOUBT ex YOUNG AND FREE (KENMARE)
VOLKOFF	2011	F				Υ	TIME THIEF ex STORMARAMA (METAL STORM)
WELTMACHT	2011	F				Υ	MOUNT NELSON ex WILD SIDE (STERNKOENIG)

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	\mathbf{A} +	1,175%
ATOMIC FORCE	\mathbf{A} +	988%
BRADBURY'S LUCK	\mathbf{A}	485%
TENANT'S TIARA	\mathbf{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	\mathbf{A} +	1,375%
2 NEW APPROACH	\mathbf{A} +	1,472%
3 RAVEN'S PASS	A ++	5,961%
4 DUKE OF MARMALADE	\mathbf{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 sireline 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 sireline 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
В	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	Q 9
55 +	Q10