

Brown colt  
by **DARCI BRAHMA** out of **BONAICHI**

From a fantastic family being out of a stakes-winning daughter of G1 winner  
**BONANOVA**



By **DARCI BRAHMA**, a top 2 stallion in NZ in each of the last four seasons

Watch video



# A son of high-class NZ sire DARCI BRAHMA with an "A" Class Genetics score and from a family of good race fillies and mares.

Daughter of DARCI BRAHMA, sire of 7 individual Group 1 winners (5 of them fillies) including GUST OF WIND and the now Lindsay Park trained RISQUE.

Hails from a strong female family with each of her first three dams being a stakes-winner.

Out of BONAICHI, a daughter of good broodmare sire FUSAICHI PEGASUS, just like CAPITALIST and CATCHY.

Half-sister to stakes-winner EXTRA CHOICE.

Grand-daughter of Group 1 Emirates Stakes winner and million dollar earner BONANOVA.

Bred on the same Darci Brahma/Fusaichi Pegasus cross as Group winner DARCI BE GOOD.

"A" Matchem Class score.

## BAY FILLY (NZ)

(Branded Foaled 5th November 2015)

(SIRE)	Danehill (USA) .....	<b>Danzig</b> .....	by Northern Dancer .....
<b>DARCI BRAHMA</b> .....	Grand Echezeaux.....	Razyana.....	by His Majesty .....
		Zabel .....	by Sir Tristram (Ire).....
		Richebourg .....	by Vice Regal .....
(DAM)	Fusaichi Pegasus (USA) ..	Mr. Prospector.....	by Raise a Native .....
<b>BONAICHI</b> .....		Angel Fever .....	by <b>Danzig</b> .....
<b>2003</b>	Bonanova (NZ) .....	Star Way (GB).....	by Star Appeal .....
		St. Klaira.....	by Bletchingly.....

**DARCI BRAHMA (NZ) (Bay 2002-Stud 2007). 10 wins-4 at 2, New Zealand Two Thousand Guineas, Gr.1. Leading NZ Sire of 3YOs 2015-16. Sire of 444 mrs, 314 wns, 28 SW, inc. Julinsky Prince (WRC Windsor Park P., Gr.1), Recite, Nashville, Risque, Artistic, Irish Fling, Gust of Wind, Rasa Lila, Leading Role, Valbuena, No More Tears, Darci be Good, Malandrino - Best Show etc.**

### 1st Dam

**BONAICHI**, by Fusaichi Pegasus (USA). **3 wins** at 1200m, 1400m, NZ\$87,000, ARC Bonecrusher S., **L**, 2d ARC Ellerslie Oaks, Half-sister to **PRIMA NOVA**. This is her seventh foal. Dam of 3 foals to race, inc:-

**EXTRA CHOICE** (g by Redoute's Choice) **3 wins** from 1200m to 2200m, A\$101,750, in 2015-16, Geelong Classic, **L**.  
Louder (c by Redoute's Choice) Placed at 3 in NZ.

### 2nd Dam

**BONANOVA (NZ)**, by Star Way (GB). Second top filly on The 1999-2000 Australasian 4YO+ Classification. **8 wins** from 1200m to 1600m, A\$1,048,335, VRC Emirates S., **Gr.1**, Hardy Brothers Classic S., **Gr.2**, Qld Tatt's RC Winter S., **Gr.3**-twice, VATC Tristarc S., **Gr.3**, AJC Wiggle H., **L**, STC Monterey H., 2d AJC Flight S., **Gr.1**, All Aged S., **Gr.1**, STC Coolmore Classic, **Gr.1**, George Ryder S., **Gr.1**, AJC Nivison H., **L**, 4th STC Phar Lap S., **Gr.2**, SAJC Stuart Crystal S., **L**. Sister to **FRATERNITY**, **TELESTO**, **Chiu Shan Glory**, half-sister to St. Kate (dam of **KAKAKAKATIE**), St. Katherine (dam of **KITTENS**, **SAINT ENCOSTA**, **SHEER TALENT**). Dam of 10 named foals, 7 to race, **5 winners**, inc:-

**PRIMA NOVA** (f Danehill Dancer) **5 wins** from 1400m to 2000m, AJC Japan Racing Association P., **L**, Gosford RC Belle of the Turf S., **L**, 2d Qld Tatt's RC Winter S., **Gr.1**, STC Epona S., **L**, 3d MRC Hyderabad Race Club S., **Gr.3**, Sunshine Coast Guineas, **L**, 4th AJC Chipping Norton S., **Gr.1**, Breeders Classic, **Gr.2**, GCTC AD Hollindale S., **Gr.2**, VRC Schweppervescence Trophy, **Gr.3**, AJC James HB Carr S., **L**, Producer.

**BONAICHI** (f Fusaichi Pegasus) **3 wins**. See above.

### 3rd Dam

**ST. KLAIRE**, by Bletchingly. **3 wins-2** at 2-from 1100m to 1600m, Gosford RC Belle of the Turf S., **L**, AJC Ruling Ways H., 2d STC Reislip Slipper Trial S., **Gr.2**, Tea Rose S., **Gr.2**, 3d VRC Oaks, **Gr.1**, BATC Chairman's H., **L**. Sister to **Eire**. Dam of 10 named foals, 8 to race, **7 winners**, inc:-

**BONANOVA** (f Star Way) **8 wins**. See above.

**FRATERNITY** (c Star Way) **3 wins-1** at 2-at 1200m, 2000m, AJC Spring Champion S., **Gr.1**, Craven P., **Gr.3**, 2d Chelmsford S., **Gr.2**, AJC TL Baillieu H., **L**, 3d AJC Derby, **Gr.1**, STC Canterbury Guineas, **Gr.1**.

**TELESTO** (c Star Way) **3 wins** from 1500m to 2000m, A\$741,838, AJC Chipping Norton S., **Gr.1**, STC George Ryder S., **Gr.1**, AJC Craven P., **L**, 2d AJC Epsom H., **Gr.1**, Apollo S., **Gr.2**, STC Gloaming S., **Gr.2**, VRC Chester Manifold S., **L**, Newcastle JC Cameron H., **L**, 3d AJC Doncaster H., **Gr.1**, STC Tulloch S., **Gr.2**, AJC Squatters' H., **L**, 4th AJC Chipping Norton S., **Gr.1**, VRC Nissan S.H., **Gr.1**, AJC Apollo S., **Gr.2**, Sire.

**Chiu Shan Glory** (g Star Way) **3 wins** to 1600m, 3d HKJC Queen's Silver Jubilee Cup, **HK-3**.

St. Kate. **3 wins-2** at 2-at 1000m, Dam of 7 winners-

**KAKAKAKATIE** (f Zeditave) **5 wins** at 1200m, A\$169,840, AJC PJ Bell H., **L**, Wenona Girl H., **L**, STC Golden Slipper Festival H., 3d STC Research S., **Gr.3**, AJC Nivison H., **L**. Producer.





## Matchem Performance Test

### HORSE DETAILS

**NAME:** 2015 Bonaichi (NZ)  
**SIRE:** Darci Brahma (NZ)  
**DAM:** Bonaichi (AUS)  
**BROODMARE SIRE:** Fusaichi Pegasus (USA)  
**SEX:** Female  
**DOB:** 11/5/2015  
**DAYS OLD:** 450  
(AT MEASUREMENT)



CLASS SCORE

**A**



DISTANCE RANGE

**1200-1600**



CARDIOVASCULAR  
TYPE

**3YO Bullseye  
Sprinter**



PRECOCITY INDEX

**Autumn 2YO**



PROJECTED AVERAGE  
STRIDE LENGTH

**Long Stride/  
Long Distance**



RELATIVE WEIGHT  
INDEX

**-0.29**



RELATIVE LUNG  
VOLUME INDEX

**+0.13**



RELATIVE HEIGHT  
INDEX

**+0.47**

### Understanding your Report

#### Class Score

This is a predictive rating of the racing class of the horse.

The Class score considers all parameters measured – genetic markers, cardiovascular and biomechanical parameters and weighs each variable to generate an overall rating of the horse.

#### Distance Range

This is a determination of a range of performance in terms of optimal distance.

This is determined by among other things, genetic variations associated with muscle fiber type. The score is converted into a distance range that the horse should optimally perform over. Horses of higher class can run outside of this range, especially when competing against horses of the same age.

## What does my Class Score Mean?

To better understand the rating bands here is the data on how each band appears in the entire population of tested horses in the database with known racing outcomes. This database includes horses from major yearling sales throughout North America, Europe, Australasia and Japan as well as homebred yearlings in those countries.

Rating	% of Population	Stake Winners
A+	3.20%	1 in every 5.2
A	6.85%	1 in every 8.1
B	7.21%	1 in every 10.5
C	12.15%	1 in every 32.5
D	70.59%	1 in every 102.8

Keep in mind that at major yearling and two year old sales there will be approximately 3.5% Stakes winners to horses offered, or 1 for every 28 offered for sale.

**Please keep in mind two important factors –** depending on the test there is an error rate and trainer effect. These will have a large impact on the variance between predicted and observed outcomes.

## What does my Distance Rating Mean?

The distance range of the horse is generated by looking at both DNA, cardiovascular and weight variables to obtain the prediction of optimal distance for the horse.

While the DNA alone can give us information as to how far a horse wants to run, via variations found that are associated with muscle fiber type composition, the size of the horse and also the cardiovascular parameters of the horse do play an important role in defining the optimal distance of a horse. Horses of high class are often able to run at distances outside of this optimal distance range, especially as two and three year olds.

## Cardiovascular Type

This is a description of the cardiovascular measurements of the horse as it relates to the type of cardiovascular system that it is. The algorithm that is used to create this cardiovascular type is a K-Means clustering algorithm that uses iterative techniques in an unsupervised fashion to group cardiovascular measurements in our dataset into clusters that contain similar characteristics. There are 9 clusters, or groups, to which we assign a label to based on

what the horses in that group predominately are:

Cluster	% of Population	Label/Type
1	15.52%	3YO Miler
2	1.26%	Late Maturer/Miler
3	5.72%	3YO Miler/Classic
4	16.23%	3YO Bullseye Sprint
5	13.36%	3YO Dirt Miler
6	9.95%	3YO Bullseye Miler
7	15.22%	3YO Classic/Long
8	16.11%	3YO Turf Bullseye
9	6.61%	2YO Bullseye Turf Sprint

**3YO Miler** – A relatively common cardio type.

Generally horses with this type of cardio are best at three over a mile. This cardio type can lack class if there is no speed in the genotype.

**Late Maturer/Miler** – a rare cardio type and generally horses with type of cardio are late maturing horses that are best over a mile or more. This type of cardio can lack class.

**3YO Miler/Classic** – generally horses with type of cardio are horses that excel at a mile or more. This type of cardio can be high class if combined with good biomechanics and genotype.

**3YO Bullseye Sprinter** – this is a somewhat common cardio, but it is a really effective one if it is combined with horses of the right genotype (sprinters). Horses such as Moanin, Groupie Doll, Heatherly and Callback share this cardio type. It does cause a mismatch if found in staying genotypes that usually compromises class.

**3YO Dirt Miler** – this is a very common cardio type in North American racing. Horses such as Stopchargingmaria, Take Charge Indy and Carpe Diem have this cardio type. You can see the odd high class turf sprinter have this type of cardio as well as it sustains pressure.

**3YO Bullseye Miler** – a very good cardio type for three year olds and older horses over a mile and it is not surface specific. Horses such as Arrogate, Tepin and Seaburge share this cardio type.

**3YO Classic/Long** – a somewhat common cardio type. This cardio type is very ‘hit or miss’ with high class horses such as Fort Larned, Dortmund, Hardest Core and Boisterous sharing this cardio type but a lot of slow horses also have it. You can find the odd sprinter with this cardio and they tend to be on speed horses.

**3YO Turf Bullseye** – a somewhat common cardio type, horses with this cardio tend to be good over a range of distances on the turf. You can get the odd dirt horse with this cardio type but they are usually backmakers.

**2YO/3YO Bullseye Turf Sprint** – a somewhat rare cardio type that is a high class cardio for two year old and three year old turf sprinting. Horses such as Capitalist and Fontiton have this cardio type. You do see the odd distance horse that races on dirt with this cardio type, but most are turf sprinters.

**Please note:**

the cardio type is included in the calculation of the overall class score. There are significantly more horses that have good cardio types than there are good horses so please use the cardio type as a guide only.

## Precocity Index

The precocity index is based on the genetic markers and cardiovascular parameters of the horse. In examining over 4000 racehorses with known racing outcomes and comparing their date of birth to the date of their first start and the date of their win with the highest prize money we have developed a precocity index that is based on genetic and cardiovascular parameters to predict this outcome.

## Projected Average Stride Length

The projected average stride length is based on biomechanical properties taken at rest. Using a high speed (500fps) camera we captured maximal and average stride length of 2yo's in training and then after measuring the same horses at rest were able to create a prediction model that predicts average stride length. Horses are assigned a label that best describes the predicted outcome.

## Relative Weight Index

Based on a scientific model of weight prediction (Stanair, et al 2004) we are able to determine the approximate weight of the horse. This weight is then compared to all other horses in our database of the same sex and within 30 days of the date of measurement of the subject horse.

A Standard Score (Z-Score) is then assigned to the horse whereby if the subject horse has the average weight of similar horses their score is 0.00. Horses with a weight that is one standard deviation above the average will have a score of +1.00 and those with a weight one standard deviation below the average will have a score of -1.00.

A distribution of Standard Scores is as follows

Standard Score	Elite	Non-Elite
+1.00 or greater	47%	19%
0.00 to +0.99	31%	22%
0.00 to -0.99	14%	31%
-1.00 or less	8%	28%

## Relative Lung Volume Index

Following a study where we measured the biomechanical features of a racehorse and its expired air at work, we are able to create an estimated lung volume of the horse.

This lung volume is then compared to all other horses in our database of the same sex and within 30 days of the date of measurement of the subject horse.

A Standard Score is then assigned to the horse whereby if the subject horse has the average lung volume of similar horses their score is 0.00. Horses with an estimated lung volume that is one standard deviation above the average will have a score of +1.00 and those with an estimated lung volume one standard deviation below the average will have a score of -1.00.

## Relative Height Index

The height of the horse is determined by a measurement from the ground to withers. This height is then compared to all other horses in our database of the same sex and within 30 days of the date of measurement of the subject horse. A Standard Score is then assigned to the horse whereby if the subject horse has the average height of similar horses their score is 0.00.

Horses with a height that is one standard deviation above the average will have a score of +1.00 and those with an height measurement one standard deviation below the average will have a score of -1.00.

**Disclaimer:**

The Performance Genetics Elite Test is for the sole determination of athletic potential in the racehorse. This is in no way to be construed as a test of general health or fitness and is not a veterinary procedure to determine any health state in the subject horse.



1<sup>st</sup> March, 2017

## VETERINARY CERTIFICATE OF EXAMINATION

This is to state that on 30<sup>th</sup> January, 2017 I examined the following horse at New Zealand Bloodstock Karaka Premier Yearling Sale.

**Breeding:** Darci Brahma – Bonaichi 2015

**Foal Date:** 5<sup>th</sup> November, 2015

**Colour/Sex:** Bay Filly

**Branded:** N/S: H F conjoined O/S: 81 over 5

I viewed the radiographs provided by the vendor at the auctioneers X-Ray repository relating to the abovementioned horse. The radiographs were examined as recommended under the conditions of sale by the auctioneer. The X-Rays revealed no lesions of clinical significance.

A physical examination was conducted on the horse when stationary and walking. In my opinion the horse was clinically normal, in good health and excellent condition.

Post sale and prior to delivery an upper respiratory tract laryngoscopic evaluation was performed by a veterinary surgeon approved by the auctioneer as per the auctioneer's conditions of sale. The endoscopic examination showed none of the following conditions listed in the auctioneer's conditions of sale:

- (i) Laryngeal hemiplegia or marked hemiparesis;
- (ii) Rostral displacement of the palatopharyngeal arch;
- (iii) Epiglottic entrapment;
- (iv) Permanent dorsal displacement of the soft palate;
- (v) Arytenoids chondritis or chondroma; or
- (vi) Sub epiglottic cyst(s).

Please note: this veterinary certificate is being provided to Lindsay Park for inclusion in the product disclosure statement for the sale of shares. I have no financial interest in this horse. I, the examining Veterinarian, am an employee of The Racetrack Practice. This report is only relevant at the time and date of examination and is limited to the examination performed and the findings described herein. All comments and recommendations made by the examiner are made in his opinion and to the best of his knowledge at the time of examination. It is not a warranty of suitability, soundness or saleability.

Yours Sincerely,

**Dr. David McKellar B.V.Sc MRCVS**  
**Senior Equine Veterinary Surgeon**  
**The Racetrack Practice Pty Ltd**

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## Fully costed to 28-Feb-2017

Detailed Costings	AUD
Purchase Price	\$85,523*
Lindsay Park Sales Expenses (including Vetting/Matchem testing)	\$6,600
Mortality Insurance (12 months)	\$4,408
Stamp Duty on Insurance	\$419
Agistment/Vaccinations/Floating to 28 Feb 17	\$1,339
Import Duty	\$8,000 est
Total	\$106,289 est

*Purchase Price includes airfreight to Australia and Karaka Million Race Series Entry.*

*Owner/s are responsible for costs (transport/agistment etc.) from 'fall of hammer' at the sale on 31 January 2017. Estimates to 28 Feb shown. Costs from 1 March not yet available.*

*Final amount of Import duty to be confirmed once assessment is received from Australian Tax Office.*

**Watch video**



Please review our terms and Conditions of Training, and Schedule of Fees

<http://www.lindsaypark.com.au/termsandconditions>