

# THORO-GRAPH FORM RATINGS

**Aqueduct - Saturday, April 06, 2013**

*Jerry Brown formed Thoro-Graph in 1982 to service the needs of horsemen and professional handicappers. Since then, Thoro-Graph has been responsible for the purchase of Belmont winner and champion Victory Gallop, two-time Breeders' Cup Mile winner Da Hoss, multiple track record setter and leading sire Distorted Humor, Horse of the Year Rachel Alexandra and a total of 87 horses who have gone on to win stakes for Thoro-Graph clients. Additionally, three NTRA National Handicapping Championship winners since 2003 used Thoro-Graph data.*

*Thoro-Graph Performance Figures take into account weight, ground loss, effect of wind on the time of the race, and track speed.*

*Thoro-Graph Form Ratings are computer-generated evaluations of horses' form, based on their most recent Performance Figures earned over the same or similar surfaces. The Form Ratings do not take into consideration layoffs or trainer changes. They are simply an overall measure of ability shown recently under similar circumstances and are adjusted for today's post positions.*

*In using the ratings, it is useful to look at not only who the highest-rated horse is, but the spread between the contenders, to see how competitive the race is. Sometimes the highest-rated horse is not the favorite, and sometimes a longshot is rated near the top, and worth backing.*

**The ratings are expressed in pounds, and are already adjusted for the weight assigned at time of entry. If a jockey does not make the weight, simply SUBTRACT the number of pounds of overweight from the horse's rating.**

***Races with only slow horses may be adjusted upwards by 30 points - indicated below each race***

***For grass races, in case of rain, Main Track ratings are also shown***

***For horses where there is limited usable data the ratings are marked with a '?'***

***Where ratings include performances from more than six months ago the ratings are marked with a '~'***

***Ratings less than zero are indicated by an 'X'***

***Horses for whom there is insufficient data to form a rating are indicated by '-'***

**A length @ 6f = 4lbs, @ 1M = 3lbs, @ 1 1/2M = 2lbs**

**Win percentage of top-rated horses since January 01 2012:  
Best by 1-5lbs 23%, 6-10lbs 28%, 11-15lbs 32%, over 15lbs 39%**

**Win percentages at all tracks since January 01 2012:  
Top-rated horse-27%, 2nd-19%, 3rd-14%, 4th-11%**

**AQU - Race 11 1-1/8****Dirt**

|                    |     |
|--------------------|-----|
| Verrazano          | 114 |
| Vyjack             | 105 |
| Normandy Invasion  | 104 |
| Elnaawi            | 89  |
| Chrisandthecapper  | 85  |
| Go Get the Basil   | 84  |
| Freedom Child      | 83  |
| Mr Palmer          | 79  |
| Always in a Tiz    | 71  |
| Quinzieme Monarque | 53~ |
| STK1000k, 3yo      |     |

## **SUGGESTED BETTING STRATEGIES USING THORO-GRAPH PERFORMANCE RATINGS**

First, determine how competitive the race is - how many horses are within 5lbs of the top-rated horse and how many within 15lbs for maidens, or 10lbs with more proven horses.

### **Top horse clear by 1-5lbs**

These horses win 23% of the time - they are good win bets at 4-1 or more.

If the second rated horse is within 5lbs and at least 6-1, he is a good win bet, but cover with an exacta under the top horse.

If the third rated horse is within 5lbs and at least 8-1, he is a good win bet, but cover with exactas under the top two.

### **Top horse clear by 6-10lbs**

These horses win 28% of the time - they are good win bets at 3-1 or more.

### **Top horse clear by 11-15lbs**

These horses win 33% of the time - they are good win bets at 5-2 or more.

### **Top horse clear by more than 15lbs**

These horses win 39% of the time - they are good win bets at 2-1 or more.

### **Top 2 horses rated at least 10lbs above the others**

Play a two horse exacta box.

### **Top 3 horses are rated at least 10lbs above the others**

Play three-horse exacta and trifecta boxes.

If the top horse is rated at least 10lbs better, and 2 or 3 others are within 10lbs AND at least 10lbs better than the rest, play the top horse over the second group in exactas and trifectas.

# Thoro-Graph

## THORO-GRAPH RACE SHAPES

We have taken the first quarter mile run by every horse in their recent races, and adjusted each horse's time for track speed, wind, weight, carried, and ground loss, if any. We then gather the data for all the horses running on a race card, and further adjust those times based on the recent speed of the track they are running over **today**. The resulting adjusted quarter times give the handicapper the ability to form an idea of the early speed of each horse, and the early pace of each race.

We then take things a step further. Using each horse's last three adjusted times, we have come up with an average quarter mile time for each horse, and put those times on a graph for each race. The result is what we call a **Race Shape**—a rough evaluation of where each horse figures to be after a quarter mile. This enables the handicapper to evaluate how a race will set up—for example, whether a horse drawn outside has several horses with a similar running style inside him, in which case he could be caught wide.

Keep in mind that how much early speed a horse has shown in previous races is often a function of tactics—that's why we are using an average for the **Race Shapes**. It's also why we separately show all the recent adjusted quarter times for each horse—so you, the handicapper, can decide what information is relevant to today's race. Also keep in mind that how much speed a horse shows **today** can be a function of tactics—trainers and jockeys handicap too.

# AQU Race11 1-1/8M DIRT STK

Post 1 **Chrisandthecapper**  
 Post 2 **Normandy Invasion**  
 Post 3 **Quinzieme Monarque**  
 Post 4 **Elnaawi**  
 Post 5 **Vyjack**  
 Post 6 **Mr Palmer**  
 Post 7 bl on **Always in a Tiz**  
 Post 8 **Verrazano**  
 Post 9 **Go Get the Basil**  
 Post 10 **Freedom Child**

| 10L    | 9L     | 8L | 7L | 6L | 5L     | 4L | 3L     | 2L | 1L |        |
|--------|--------|----|----|----|--------|----|--------|----|----|--------|
|        |        |    |    |    |        |    |        |    |    | 22.80s |
| 24.55s |        |    |    |    |        |    |        |    |    |        |
| 25.74s |        |    |    |    |        |    |        |    |    |        |
|        |        |    |    |    | 23.57s |    |        |    |    |        |
|        | 24.06s |    |    |    |        |    |        |    |    |        |
| 25.06s |        |    |    |    |        |    |        |    |    |        |
|        |        |    |    |    |        |    | 23.24s |    |    |        |
|        |        |    |    |    |        |    |        |    |    | 22.92s |
|        |        |    |    |    | 23.64s |    |        |    |    |        |
|        |        |    |    |    |        |    | 23.15s |    |    |        |

## Chrisandthecapper

PP

09Mar13 AQI5 ft 6 MSW 7 3<sup>4</sup>/<sub>2</sub> **23.37s** bl  
 10Nov12 CRC12 ft 6 MSW 8 4<sup>3</sup> **22.80s** bl  
 17Aug12 MTH4 ft 5-1/2 MCL 4 3<sup>1</sup> **22.23s** bl  
 27Jul12 MTH3 ft 5 MCL 6 4<sup>1</sup>/<sub>2</sub> **22.37s** bl

## Lezcano, Jose

09Feb13 GP6 ft 1-1/16 MSW 9 3<sup>1</sup>/<sub>2</sub> **23.40s**  
 24Nov12 AQU2 ft 1M MSW 3 1<sup>hd</sup> **23.16s**  
 29Sep12 BEL2 gd 7 MSW 4 6<sup>4</sup> **24.10s**

Saez, Luis  
 Castro, Eddie  
 Ortiz, jr., Irad

## Normandy Invasion

PP

23Feb13 FG10 ft 1-1/16 STK 9 11<sup>8</sup>/<sub>4</sub> **24.49s**  
 24Nov12 AQU7 ft 1-1/8 STK 10 9<sup>6</sup> **25.11s**  
 02Nov12 AQU5 ft 1M MSW 9 7<sup>3</sup>/<sub>2</sub> **24.04s**  
 15Sep12 BEL5 ft 6 MSW 9 4<sup>1</sup>/<sub>2</sub> **23.56s**

## Castellano, Javier

Lezcano, Jose  
 Lezcano, Jose  
 Lezcano, Jose  
 Dominguez, RamonA.

## Quinzieme Monarque

PP

03Mar13 GP10 T fm 1-1/8 STK 7 11<sup>11</sup>/<sub>2</sub> **27.38s**  
 24Nov12 AQU7 ft 1-1/8 STK 9 10<sup>7</sup> **25.38s**  
 08Oct12 BEL5 T yl 1-1/16 STK 7 7<sup>6</sup>/<sub>4</sub> **24.47s**  
 15Sep12 BEL1 T fm 1-1/16 MSW 6 10<sup>6</sup>/<sub>4</sub> **25.22s**  
 11Aug12 SAR2 sy 7 MSW 2 5<sup>6</sup> **24.35s**  
 15Jul12 BEL3 T fm 7 MSW 8 6<sup>5</sup>/<sub>2</sub> **25.23s**

## Ortiz, Jr., Irad

Rosario, Joel  
 Rosario, Joel  
 Rosario, Joel  
 Leparoux, JulienR.  
 Maragh, Rajiv  
 Maragh, Rajiv

## Elnaawi

PP

02Mar13 AQI10 ft 1-1/16 STK 8 5<sup>2</sup> **24.37s** bl  
 12Jan13 AQI4 my 1M MSW 7 2<sup>1</sup> **22.69s** bl  
 08Dec12 AQU6 sy 7 MSW 5 6<sup>3</sup>/<sub>4</sub> **23.66s** bl

## Castro, Eddie

Hill, Channing  
 Hill, Channing  
 Hill, Channing

## Vyjack

PP

02Mar13 AQI10 ft 1-1/16 STK 7 10<sup>6</sup> **25.01s**  
 05Jan13 AQI8 ft 1M 70 STK 2 2<sup>1</sup>/<sub>2</sub> **24.34s**  
 09Dec12 AQU3 sy 7 STK 3 3<sup>2</sup> **22.84s**  
 10Nov12 AQU4 ft 6-1/2 MSW 5 2<sup>1</sup>/<sub>2</sub> **23.54s**

## Rosario, Joel

Rosario, Joel  
 Velasquez, CornelioH.  
 Velasquez, CornelioH.  
 Velasquez, CornelioH.

## Mr Palmer

PP

09Mar13 LRL10 ft 1-1/8 STK 5 9<sup>9</sup>/<sub>4</sub> **26.27s** bl  
 17Feb13 AQI3 ft 1M 70 MSW 2 4<sup>1</sup>/<sub>2</sub> **23.79s** bl  
 15Dec12 AQI2 ft 1M 70 MSW 1 6<sup>6</sup> **25.13s** bl  
 03Nov12 CD7 ft 1-1/16 MSW 3 11<sup>9</sup>/<sub>2</sub> **24.61s** bl  
 28Sep12 TP10 ♦ ft 1M MSW 8 9<sup>8</sup>/<sub>4</sub> **24.88s** bl  
 10Aug12 ELP8 T fm 1M MSW 9 12<sup>21</sup> **26.25s**  
 01Jul12 CD4 ft 6 MSW 11 8<sup>5</sup> **24.52s**

## Alvarado, Junior

Alvarado, Junior  
 Alvarado, Junior  
 Alvarado, Junior  
 Castanon, JesusLopez  
 Bridgmohan, Shaun  
 Johnson, JoeM.  
 Johnson, JoeM.

## Always in a Tiz

PP

18Feb13 OP9 sy 1-1/16 STK 5 6<sup>2</sup>/<sub>4</sub> **23.08s**  
 21Jan13 OP8 ft 1M STK 2 5<sup>2</sup> **23.49s**  
 09Dec12 AQU3 sy 7 STK 2 4<sup>4</sup> **23.16s**  
 03Sep12 SAR6 ft 5-1/2 MSW 5 2<sup>1</sup> **22.79s**

## Borel, Calvin H.

Lopez, Paco  
 Lopez, Paco  
 Maragh, Rajiv  
 Dominguez, RamonA.

## Verrazano

PP

09Mar13 TAM10 ft 1-1/16 STK 6 2<sup>1</sup> **23.00s**  
 02Feb13 GP5 ft 1M AOC 3 2<sup>1</sup>/<sub>2</sub> **22.80s**  
 01Jan13 GP2 ft 6-1/2 MSW 9 3<sup>1</sup>/<sub>2</sub> **22.97s**

## Velazquez, John R.

Velazquez, JohnR.  
 Velazquez, JohnR.  
 Velazquez, JohnR.

## Go Get the Basil

PP

07Mar13 AQI7 ft 1M 70 AOC 4 4<sup>2</sup>/<sub>2</sub> **23.43s**  
 31Jan13 AQI7 gd 1M SOC 5 5<sup>1</sup> **24.31s**  
 28Dec12 AQI7 gd 6 ALW 4 4<sup>6</sup> **23.19s**  
 24Oct12 BEL5 ft 6 MCL 9 3<sup>2</sup> **23.94s**  
 27Aug12 SAR5 ft 6 MCL 8 6<sup>5</sup> **24.24s**  
 06Aug12 SAR7 ft 5-1/2 MSW 1 6<sup>6</sup> **23.79s**

## Ortiz, Jose L.

Ortiz, jr., Irad  
 Ortiz, jr., Irad  
 Ortiz, jr., Irad  
 Garcia, Alan  
 Garcia, Alan  
 Garcia, Alan

## Freedom Child

PP

10Mar13 GP4 ft 1-1/8 MSW 8 1<sup>1</sup> **22.89s**

## Trujillo, Elvis

Trujillo, Elvis