

EXPLANATION PAGE

Hip number is followed by mare's name, pedigree line, and breeder. Below is listed the covering sire if mare is in foal. Covering sire's current-year stud fee is listed.

Family information gives number of starts, wins, and earnings for mares and foals and also shows previous sales. For mares and first dams, previous consignors are also listed.

Last claiming price of mares and foals reflecting year, track, amount, and new owner.

When applicable, the Nicking line gives number of foals, strs, wnrs, 2yo wnrs, stakes winners, and the best grade or group race that a horse has won (e.g., gr. I, Eng-II, Fr-III, etc.).

For in-foal mares, nicking pertains to her unborn foal.

180 • Example Mare (not real data) (98, m), by Holy Bull—Horse by Affirmed. Breeder Mr. & Mrs. Mr. and Owner (Ky.) [A]

Covering Sire: **Awesome Again; 2004 Stud Fee: \$73,000 [C+]** Dosage: (4-0-8-0-0) • DI: 2.00 • CD: 0.37

2004 Yrlg. Avg: \$34,337 (23 offered, 21 sold) \$30,000 median, \$200,000 high, \$3,300 low

2003 Wnlg. Avg: \$81,300 (3 offered, 2 sold) \$81,300 median, \$113,000 high, \$48,000 low

Family

Eden, 12 sts, 1 win (D), \$48,773 [0.13 CPI], 42k msw/CD/8.3f. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

99KEEJUL \$170,000—Consignor: John Williams, agent; Buyer: Stewart L. Armstrong

Family

Affirmatively, 22 sts, 2 wins (D,T), \$38,193 [0.13 CPI], 23k alw/SA/8.3f. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

03—ch. f., by Siphon (BRZ) [A]

02—General Thomas, c., by Old Trieste. 14 sts, 2 wins, \$49,883 [1.00 CPI], n/a. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

00—Garros, g., by Grand Slam. 13 sts, 3 wins (T), \$31,338 [1.30 CPI], 33k alw/BM/8f. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

01KEESEP \$23,000—Buyer: Mark Johnston

94—Forever Young, f., by Shadede. 3 sts, 0 wins, \$2,308 [0.20 CPI], n/a. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

00FTKNOA \$43,000—Buyer: Ralph T. Rose; {Alphabet Soup} • **93KEESEP \$143,000**—Buyer: Frank Stronach

93—Action, c., by Blushing John. 33 sts, 4 wins (D), \$132,272 [2.30 CPI], 20k alw/SAR/9f. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

97CLAIM (AQU) \$70,000—For: John Rotella

320 • Yrlg. f, by Winston Churchill—Waywayanda by Belong to Me Breeder Questroyal Stables (N.Y.)

First Foals: 2000; **2002 Stud Fee: \$3,000; 1999 Stud Fee: n/a** Dosage: (10-4-13-2-0) • DI: 2.20 • CD: 0.39

2001 Yrlg. Avg: \$3,330 (4 offered, 2 sold) \$3,300 median, \$8,000 high, \$3,300 low

2001 2YO. Avg: \$2,330 (3 offered, 4 sold) \$2,430 median, \$3,000 high, \$1,300 low

Family

Waywayanda, 3 sts, 1 win (D), \$23,730 [2.30 CPI], 24k msw/DEL. (E) 77

ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)

93FTKNOV \$33,000—Consignor: Chance Farm, agent; Buyer: Dan Vines

01—b. f., by Gold Token.

00—b. c., by Gold Token.

Nicking: Sons of Mr. Prospector/Belong to Me mares: 1 foal, 0 strs

Sons of Mr. Prospector/Danzig mares: 332 foals, 243 strs, 172 wnrs (32%), 32 2yo wnrs (13%), 22 SWs (7%), 9 GSWs

(3%): **ECTON PARK** (gr. I), **HULA ANGEL** (Ire-I), **VOODOO DANCER** (gr. I), **DISTORTED HUMOR** (gr. II), **PROSPECT BAY**

The **TrueNicks** ratings in Auction Edge can be found for each subject horse (weanlings, yearlings, and 2-year-olds). For broodmares, a rating is provided for the mare's offspring and her in utero foal if she is carrying one.

For more information see pages 9-10 or go to: <http://TrueNicks.com>

Best win, purse and track where won.

The Class Performance Index (CPI) shows how a horse's earnings compare with other horses of the same sex and age. See page 10 for a detailed description.

(D), (T) or (D, T) indicates if a horse won on dirt, turf, or both.

EXPLANATION PAGE 2

Hip number is followed by sex of weanling, pedigree line, and breeder.

Tells when the first foals of weanling sires hit the ground. Following is the current-year stud fee of the sire and the stud fee that corresponds to the selling horse.

Italicized horses indicate those that broke their maiden at two.

Second dam information is provided when a sale horse's first dam has had no more than four foals.

Asterisks indicate exported horses. Death dates are also given when available.

■ EQUIBASE SPEED FIGURES
 Dam's and foal's best **E** Equibase Speed Figure shown - higher #'s better with best horses 120+ - see p. 13 for explanation (not real numbers - example)

423 • Wnlg. c., by Awesome Again—Ahead by a Century by Slew City Slew. Breeder Windways Farm Limited (Ont.)
First Foals: 2000; **2004 Stud Fee:** \$73,000; **2003 Stud Fee:** \$30,000 **Dosage:** (3-0-3-0-0) • **DI:** 3.00 • **CD:** 1.00
2004 Yrlg. Avg: \$34,337 (23 offered, 21 sold) \$30,000 median, \$200,000 high, \$3,300 low
2003 Wnlg. Avg: \$81,300 (3 offered, 2 sold) \$81,300 median, \$113,000 high, \$48,000 low

1st Dam
AHEAD BY A CENTURY, 37 sts, 3 wins (D,T), \$339,832, 33k stk/WO/3.3f. (E 101)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
01KEENOV \$182,000—Consignor: Hill 'n' Dale Sales Agency, agent; Buyer: Windways Farm

2nd Dam
Aromalight, 13 sts, 0 wins, \$3,070, n/a (E 77)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
03KEENOV \$29,000—Consignor: Tom Hinkle, agent; Buyer: Bill Tite; {Slew City Slew}
 04—dkb/br. f., by Include.
 02—dkb/br. c., by Slew City Slew.
04KEESEP \$9,000—Buyer: Oxbow Racing
 99—00*A Real Good (example), f., by Personal Flag. Unraced. Sent to Australia.
 97—De Nata Persona, g., by Personal Flag. 13 sts, 0 wins, \$2,389 (E 77)
98KEESEP \$10,000—Buyer: Salt Creek Farm
 94—Tom B, g., by Dixieland Brass. Unraced
92—A GOODLOOKIN BROAD, f., by Broad Brush. 30 sts, 4 wins (D), \$113,140, 22k stk/WO/3.3f. (E 77)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
 91—Acid Power, g., by Wolf Power (SAF). 47 sts, 2 wins (D), \$48,080, 19k msw/AP/3.3f. (E 77)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
 90—Cozzen Fifi, f., by Cozzene. 3 sts, 0 wins, \$1,440, n/a (E 77)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
92FTFFEB \$30,000—Buyer: Michael Berry
 89—Wolforama, c., by Wolf Power (SAF). 30 sts, 3 wins (D), \$30,827, 8k mcl/AP/8f. (E 77)
ThoroGraph 2yo: - 3yo: 9³ (83) 4yo: 3³ (93) 3yo+: 4¹ (93)
90KEESEP \$73,000—Buyer: G. F. Baiely • **93CLAIM (AP) \$9,000**—For: Diane M Miner & Mike Dini
(02—No Report. 01—No Report. 00—No Report. 98—No Report. 93—No Report. 93—No Report.)
Nicking: Sons of Deputy Minister/Slew City Slew mares: 3 foals, 2 strs, 1 wnr (20%), 1 2yo wnr (20%), 0 SWs
Sons of Deputy Minister/Seattle Slew mares: 43 foals, 33 strs, 22 wnr (48%), 7 2yo wnr (13%), 3 SWs (11%), 3 GSWs (7%); **AWESOME TIME** (gr. III), **FRENCH RIVIERA** (gr. III), **KENTUCKY KAPER** (gr. III)

Dosage, a technique for classifying Thoroughbred pedigrees by type. Please go to <http://chef-de-race.com/dosage/review.htm> for a complete description.
 If an in-foal mare is the subject horse, the dosage pertains to her unborn foals

Previous and current-year sales information of the sire of the weanling.

Lower numbers are faster races. 1 point equals 1 length at 5 furlongs up to 2 lengths at 1 1/4 miles.

Dirt - each superscript figure is a fraction: 1 = 1/4; 2 = 1/2; 3 = 3/4
 Turf - denoted by -
 Please refer to page 11 for a complete explanation.

Abbreviated non-productive year produce line.

Expanded auction information reflects in-foal sales of female siblings under first dam, in addition to weanling, yearling, and 2-year-old sales data.

NEW! EXCLUSIVE THORO-GRAPH NUMBERS

HIP BY HIP STATISTICAL SECTION

Statistics are supplied by The Jockey Club Information Systems, Inc., and include monies earned through August 10, 2020. Supplemental entries are not included and may be sent digitally at a later date.

1 • Yrlg. f, by Candy Ride (ARG)—Unicorn Girl by A. P. Five Hundred, Breeder J & J Stables (KY)

[A+]

First Foals: 2006; **2020 Stud Fee:** \$100,000; **2018 Stud Fee:** \$80,000 **Dosage:** (3-4-8-1-0) • **DI:** 2.20 • **CD:** 0.56
2019 Yrlg. Avg: \$211,828 (82 offered, 64 sold) \$152,500 median, \$1,000,000 high, \$4,000 low
2020 2yo. Avg: \$199,000 (20 offered, 13 sold) \$80,000 median, \$875,000 high, \$7,000 low

1st Dam

Unicorn Girl, 54 sts, 19 wins (D), \$483,508 [4.17CPI], 41k alw/PHA/6.5f. (E) 106

ThoroGraph 2yo: 19³ (46) 3yo: 7 (93) 4yo: 5³ (94) 5yo+: 1³ (99)

18KEENOV (\$110,000)-Consignor: Beau Lane Bloodstock (RNA); {Candy Ride (ARG)} • **070BSAPR**

\$45,000-Consignor: Eddie Woods, agent; Buyer: Mike McDonald, agent, for Matthews Stables • **13CLAIM (MTH) \$16,000**—For: J. and J. Stable

20-c., by American Pharoah

18-**JACKIE'S WARRIOR**, c., by Maclean's Music, 2 sts, 2 wins (D), \$127,564 [12.76CPI], 150k gr.II/SAR/6f. (E) 102

ThoroGraph 2yo: 9 (98) 3yo: - 4yo: - 5yo+: -

19KEESEP \$95,000; Buyer: Kirk Robison

17-*King Theo*, c., by More Than Ready, 10 sts, 1 win (D), \$53,487 [1.02CPI], 40k msw/GP/7f. (E) 94

ThoroGraph 2yo: 14 (79) 3yo: 10² (88) 4yo: - 5yo+: -

15-Little Hidden Gem, m., by Bodemeister, 6 sts, 0 wins, \$9,530 [0.38CPI]. (E) 61

ThoroGraph 2yo: 39 (3) 3yo: 20¹ (27) 4yo: - 5yo+: -

(16—Foal died.)

2nd Dam

HORAH FOR BAILEY, 6 sts, 2 wins (D), \$58,550 [3.04CPI], 39k stk/CRC/5f. (E) 72

ThoroGraph 2yo: 12 (91) 3yo: - 4yo: - 5yo+: -

11KEENOV \$150,000-Consignor: Taylor Made Sales Agency; Buyer: Arindel Farm; {Distorted Humor} • **090BSOCT**

\$13,000-Consignor: Summerfield, agent; Buyer: Carolin Von Rosenberg • **020BSAUG \$3,200**-Consignor: Summerfield, agent; Buyer: American Equistock

20-c., by Brethren

18-Bailey, g., by Brethren, 2 sts, 0 wins, \$10,300 [1.03CPI]. (E) 76

16-*Nacho Mama*, f., by Brethren, 8 sts, 1 win (D), \$55,610 [1.35CPI], 61k msw/GP/4.5f. (E) 84

ThoroGraph 2yo: 7² (98) 3yo: 9² (86) 4yo: - 5yo+: -

15-**Awesome Mass**, m., by Brethren, 14 sts, 3 wins (D), \$182,070 [2.81CPI], 42k alw/GP/6f. (E) 98

ThoroGraph 2yo: 5 (99) 3yo: 5² (97) 4yo: 11 (68) 5yo+: -

14-dkb/br., h., by Bellamy Road, Unraced

13-Main Street Movie, g., by City Zip, 4 sts, 1 win (T), \$18,360 [1.15CPI], 22k mcl/GP/5f. (E) 84

ThoroGraph 2yo: 16³ (65) 3yo: 12² (72) 4yo: 13² (55) 5yo+: -

12-**Richard the Great**, g., by Distorted Humor, 21 sts, 5 wins (D), \$195,498 [2.60CPI], 50k stk/GP/7f. (E) 120

ThoroGraph 2yo: 6 (99) 3yo: 10¹ (83) 4yo: - 5yo+: -2 (100)

11-Via Capo, h., by Street Boss, Unraced

12KEESEP \$110,000; Buyer: Hidden Brook, for Blue Devil Racing

09-12-She's No Dimlight, m., by Olmodavor, 6 sts, 1 win (D), \$14,120 [0.69CPI], 20k mcl/CRC/5f. (E) 65

ThoroGraph 2yo: - 3yo: 15² (54) 4yo: - 5yo+: -

100BSWIN \$10,500; Buyer: Catherine R. Jager

08-*Miss Buxley*, m., by Unbridled Energy, 21 sts, 5 wins (D), \$58,132 [0.78CPI], 25k stk/TUP/8f. (E) 80

ThoroGraph 2yo: 15¹ (72) 3yo: 11³ (78) 4yo: 13 (61) 5yo+: -

09KEESEP \$25,000; Buyer: Preston Madden • **11CLAIM (SA) \$20,000**—For: Richard Wiest

07-**BERNIE THE MAESTRO**, g., by Bernstein, 74 sts, 18 wins (D, T), \$694,317 [3.34CPI], 104k stk/IND/8.32f. (E) 111

ThoroGraph 2yo: 6² (98) 3yo: 2 (99) 4yo: 2 (99) 5yo+: -1 (99)

090BSAPR \$25,000; Buyer: Milton W. Wolfson • **15CLAIM (PRX) \$20,000**—For: Gumpster Stable LLC

06-Again Eleven, h., by Ten Most Wanted, 78 sts, 7 wins (D), \$62,085 [0.36CPI], 10k mcl/CRC/7f. (E) 84

ThoroGraph 2yo: 19¹ (47) 3yo: 12 (71) 4yo: 10 (77) 5yo+: 14 (55)

080BSAPR \$11,000; Buyer: Angel Medina

(10—Not bred.)

Nicking: Sons of Ride the Rails/A.P. Indy mares: 56 foals, 44 strs, 31 wnrs (55%), 10 2yo wnrs (18%), 6 SW (11%), 1 GSW (2%) **Game Winner** (gr.-)

CLASS PERFORMANCE INDEX (CPI)

The Class Performance Index (CPI) shows how a racehorse's average earnings per start compares with the average earnings per start of all other horses of the same age and sex that are racing in the same country during a given year.

For example, the average earnings per start for all 3-year-old colts racing in the United States in 2004 was \$19,715. If a 3-year-old colt racing that year earned an average of \$49,287, then he would have a 2.50 CPI, meaning he had earned two and half times more on average than his contemporaries. Some CPIs may be zero if a horse raced in a country that does not supply complete racing information to The Jockey Club. The CPI is calculated and supplied by **The Jockey Club Information Systems, Inc.**

SIRE STATISTICAL SUMMARY

Listed below are the sires represented by horses at the **2020 Keeneland September Yearling Sale**. The statistical information listed for each sire (foals, runners, winners, 2-year-old winners, and stakes winners) includes both worldwide lifetime totals as well as worldwide current year information. Percentages are based upon the lifetime number of named foals. The graded performances of current-year runners are denoted parenthetically. Stud fees are for 2018 and are in US\$ unless otherwise noted.

The Average Earnings Index listed for a sire represents how good his progeny performed at the races compared with the progeny of all other sires for the years raced. The Comparable Index listed for a sire and broodmare sire indicates the relative quality of the mares they've covered, or their daughters, by showing the earning power of the mares' offspring by other stallions. Only 30% of all sires have an Average Earnings Index higher than their mares' Comparable Index.

Commercial sales statistics for each sire show the number of yearlings sold and their collective average price. TNA refers to Times National Average, the ratio of a sire's overall yearling average compared with the overall average price for all yearlings sold at U.S. auctions during comparable sale seasons.

Statistics are supplied by The Jockey Club Information Systems, Inc., and include monies earned through August 10, 2020.

AIR FORCE BLUE • \$20,000

Lifetime: 1 crop, 93 foals, 18 rnrns (19%), 4 wnrs (4%), 4 2yo wnrs (4%), 0 sw, \$148,143, \$8,230 Avg/Str, 0.90 AEI, 1.66 CI, 70 sale yrllgs, avg \$81,933, 1.1 TNA.
In 2020: 18 rnrns, 4 wnrs, 4 2yo wnrs, 0 sw, \$148,143, \$8,230 Avg/Str, 21 sale yrllgs, \$54,055. **Chief Little Hawk** (Ire).

AMERICAN PHAROAH • n/a

Lifetime: 2 crops, 303 foals, 129 rnrns (43%), 52 wnrs (17%), 32 2yo wnrs (11%), 9 sw (3%), \$5,909,808, \$45,812 Avg/Str, 1.66 AEI, 3.02 CI, 203 sale yrllgs, avg \$349,311, 5.0 TNA.
In 2020: 113 rnrns, 36 wnrs, 5 2yo wnrs, 7 sw, \$3,026,938, \$26,787 Avg/Str, 60 sale yrllgs, \$166,095. **CAFE PHAROAH** (Jpn-III), **HARVEY'S LIL GOIL** (gr-III), **SWEET MELANIA** (gr-III), **TURNED ASIDE** (gr-III), **OCEAN ATLANTIQUE** (Fr), **DANON PHAROAH** (Jpn), **ANOTHER MIRACLE**. **Merneith** (gr-II), **Monarch of Egypt** (Ire-III, Eng-III), **Royal Act** (gr-III), **Van Gogh** (Ire-III), **Prince of Pharoahs**.

ARROGATE • \$75,000

No foals of racing age.

AWESOME AGAIN • n/a

Lifetime: 19 crops, 1295 foals, 935 rnrns (72%), 651 wnrs

(50%), 114 2yo wnrs (9%), 73 sw (6%), \$96,499,787, \$103,208 Avg/Str, 1.90 AEI, 1.81 CI, 468 sale yrllgs, avg \$116,516, 2.1 TNA.

In 2020: 96 rnrns, 31 wnrs, 0 2yo wnrs, 1 sw, \$1,130,878, \$11,780 Avg/Str, 1 sale yrllg, \$65,000. **WHOLEHEARTED**. **Sir Winston** (Can).

BERNARDINI • \$85,000

Lifetime: 11 crops, 1669 foals, 1257 rnrns (75%), 758 wnrs (45%), 156 2yo wnrs (9%), 81 sw (5%), \$88,443,946, \$70,361 Avg/Str, 1.34 AEI, 2.31 CI, 709 sale yrllgs, avg \$175,529, 4.3 TNA.
In 2020: 187 rnrns, 56 wnrs, 1 2yo wnr, 5 sw, \$3,868,154, \$20,685 Avg/Str, 4 sale yrllgs, \$26,500. **ART COLLECTOR** (gr-II), **CAPEZZANO** (UAE-III), **LADY KATE**, **BELLERA**, **MICHELINE**. **Saracosa** (gr-II), **What a Fox**, **Classic Fit**, **Ekhtibaar**, **Fiftyshays Ofgreen**.

CAIRO PRINCE • \$25,000

Lifetime: 3 crops, 312 foals, 189 rnrns (61%), 114 wnrs (37%), 47 2yo wnrs (15%), 9 sw (3%), \$8,859,771, \$46,877 Avg/Str, 1.30 AEI, 1.59 CI, 240 sale yrllgs, avg \$95,050, 1.3 TNA.
In 2020: 136 rnrns, 55 wnrs, 3 2yo wnrs, 2 sw, \$2,629,893, \$19,337 Avg/Str, 6 sale yrllgs, \$19,833. **DEAN MARTINI** (gr-II), **CARIBA**. **Turtle Trax** (gr-II), **Coach Lori** (Can), **Kiss Today Goodbye**, **Princess of Cairo** (Can), **Royal Charlotte**.

Keeneland Yearling Sires Ranked by 2020 Progeny Earnings

Statistics are supplied by The Jockey Club Information Systems, Inc., and include monies earned in all countries reported by The Jockey Club through August 10, 2020. Stud fees are in US\$ unless otherwise noted. **Categorical leaders in bold.**

Sale Rank	Sire	2019 Weanling Avg (2018 Stud Fee)	Wnlg. Avg. Last 3 Years	Lifetime Blacktype Wnrs (% of foals)	2020 Earnings
1	New Year's Day	\$6,500 (\$5,000)	\$7,250	7 (4%)	\$11,289,921
2	Into Mischief	\$261,354 (\$100,000)	\$264,289	76 (8%)	\$8,536,090
3	Speightstown	\$173,182 (\$100,000)	\$196,250	113 (10%)	\$6,895,425
4	Tapit	\$475,000 (\$300,000)	\$448,336	133 (9%)	\$6,541,799
5	Medaglia d'Oro	\$178,319 (\$250,000)	\$245,383	141 (7%)	\$6,502,043
6	Frankel (GB)	\$673,975 (175,000 Pounds)	\$622,133	55 (10%)	\$6,373,116
7	Uncle Mo	\$368,750 (\$125,000)	\$290,540	58 (5%)	\$6,030,530
8	Curlin	\$545,880 (\$150,000)	\$435,440	68 (8%)	\$5,752,672
9	Hard Spun	\$62,875 (\$40,000)	\$74,316	81 (6%)	\$5,288,322
10	Galileo (IRE)	n/a (n/a)	\$749,742	323 (12%)	\$4,979,301
11	Empire Maker	\$113,400 (\$85,000)	\$159,000	63 (5%)	\$4,958,350
12	Declaration of War	\$37,750 (\$25,000)	\$53,417	28 (5%)	\$4,528,847
13	Street Sense	\$128,750 (\$35,000)	\$121,269	69 (6%)	\$4,418,912
14	More Than Ready	\$104,032 (\$75,000)	\$113,214	203 (7%)	\$4,172,753
15	Candy Ride (ARG)	\$245,833 (\$80,000)	\$225,000	90 (6%)	\$4,166,373
16	Dark Angel (IRE)	\$220,095 (85,000 Euros)	\$168,957	64 (5%)	\$4,139,182
17	Bernardini	\$36,692 (\$85,000)	\$43,737	76 (5%)	\$3,868,154
18	Kitten's Joy	\$138,571 (\$60,000)	\$99,340	98 (6%)	\$3,810,112
19	Quality Road	\$404,167 (\$70,000)	\$316,111	44 (7%)	\$3,764,633
20	Constitution	\$78,810 (\$25,000)	\$63,506	6 (2%)	\$3,758,598
21	Malibu Moon	\$73,200 (\$75,000)	\$135,500	122 (7%)	\$3,345,773
22	Ghostzapper	\$232,222 (\$85,000)	\$212,692	77 (8%)	\$3,045,698
23	American Pharoah	\$135,494 (n/a)	\$179,430	9 (3%)	\$3,026,938
24	War Front	\$650,000 (\$250,000)	\$402,102	93 (12%)	\$3,015,671
25	Cairo Prince	\$47,417 (\$25,000)	\$51,258	9 (3%)	\$2,629,893
26	Distorted Humor	\$77,833 (\$50,000)	\$78,059	156 (9%)	\$2,520,741
27	Union Rags	\$160,286 (\$60,000)	\$157,643	15 (3%)	\$2,387,217
28	First Samurai	\$19,633 (\$15,000)	\$27,713	27 (4%)	\$2,355,884
29	Pioneer of the Nile	\$280,000 (\$110,000)	\$415,000	32 (5%)	\$2,335,030
30	Flatter	\$100,000 (\$40,000)	\$132,833	54 (6%)	\$1,922,783
31	Tiznow	\$76,824 (\$50,000)	\$81,600	78 (5%)	\$1,832,510
32	Honor Code	\$85,455 (\$40,000)	\$83,667	2 (1%)	\$1,697,901
33	No Nay Never	\$81,303 (25,000 Euros)	\$73,057	24 (6%)	\$1,260,911
34	Awesome Again	\$14,000 (n/a)	\$61,140	67 (5%)	\$1,130,878
35	Nyquist	\$153,818 (\$40,000)	\$192,938	0 (0%)	\$173,641
36	Not This Time	\$34,115 (\$15,000)	\$58,919	0 (0%)	\$154,429
37	Air Force Blue	\$22,755 (\$20,000)	\$59,119	0 (0%)	\$148,143
38	Runhappy	\$104,059 (\$25,000)	\$124,969	0 (0%)	\$57,581
39	Frosted	\$94,644 (\$50,000)	\$113,998	0 (0%)	\$27,777
40	California Chrome	\$40,556 (\$40,000)	\$73,875	0 (0%)	\$25,223
41	Optimizer	\$1,100 (\$5,000)	\$7,067	0 (0%)	\$3,695

EXCLUSIVE AUCTION EDGE SIRE LIST

1. What is the TrueNicks rating?

The TrueNicks rating is a score that reflects the degree of affinity between the sire and broodmare sire (or sire line and broodmare sire line) of the subject horse or hypothetical mating. To ensure the rating is the result of true opportunity, the TrueNicks score is based on a calculation that examines all foals and all starters produced from the selected cross.

TrueNicks ratings are calculated by factoring two separate computations:

* The Sire Improvement Index (SII), a comparison of the percentage of stakes winners a sire (or sire line) has achieved with mares by the specific broodmare sire (or sire line), with the percentage of stakes winners that specific sire (or those specific members of the sire line) has achieved with all other mares.

* The Broodmare Sire Improvement Index (BSII), a comparison of the percentage of stakes winners produced by daughters of a particular sire (or broodmare sire line) with the percentage of stakes winners from the same mares when bred to all other sires.

The resultant figure shows the stakes winner-to-starter production rate of the nick, compared to the stakes winner-to-starter production rate of the sire (sire line) and broodmare sire (sire line) when bred to representatives of all other lines. Thus, a TrueNicks score of 2.0 indicates that the cross has produced stakes winners at twice the rate that the sire (sire line) and broodmare sire (sire line) have when bred to all other lines. These ratings are translated into bands from A+ + to F.

2. Do nick ratings change over time?

Nick ratings are calculated fresh each time a report is generated to take into account new foals, new starters, and new stakes winners. This ensures that breeders and buyers have the latest information available when considering their mating plans and purchases. Despite the continual updating of information, once a TrueNicks rating has been established, it generally takes several significant events for it to change rating bands.

3. What is the variant score (the number displayed next to the nick rating on a TrueNicks report) and how much weight should I give it?

The TrueNicks variant is a function of the Sire Improvement Index (SII) and Broodmare Sire Improvement Index (BSII).

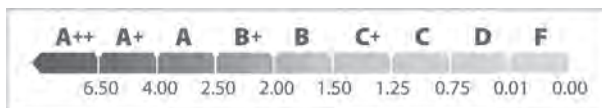
The first step is to establish an SII, which is done by comparing the percentage of stakes winners to starters sired by a sire/sire line out of all mares by a broodmare sire/sire line, with the percentage of stakes winners sired by the same sire (or same representatives of the sire line) out of all other mares. An SII of 2.0 indicates the sire (or sire line) has twice the percentage of stakes winners out of mares by the broodmare sire/sire line as he does when bred to all other mares.

Next, the BSII is established by comparing the percentage of stakes winners to starters sired by a sire/sire line out of all mares by a broodmare sire/sire line, with the percentage of stakes winners produced by those mares when bred to all other stallions. A BSII of 3.0 indicates that the percentage of stakes winners out of mares by the broodmare sire/sire line when bred to the chosen sire/sire line is 3.0 times as high as the percentage of stakes winners produced by that group of mares when bred to all other stallions.

The TrueNicks rating is calculated by multiplying the SII by the BSII. In the example above, an SII of 2.0 and a BSII of 3.0 would result in a TrueNicks score of 6.0, which translates to an A++ TrueNicks rating.

It is important to understand that the rating scale is not linear, so while a below-opportunity rating will have a variant of 0.01 to 0.99, an above-opportunity rating can have a score from 1.01 up to numbers as high as 500.00 and beyond. Generally, extremely high scores are the result of a mating which has had considerable success with limited opportunity. The best

guide to the potential success of the nick is the letter ranking which has been evolved through careful study of the relationship between the general population and the stakes winning population. Note that only 13% of the entire Thoroughbred population earn “A” rankings (A to A++) while 37% of stakes winners rate as “A’s.” Horses rated “B” or better (B to A++) represent just 30% of the entire population, yet three out of four (77%) stakes winners rank “B” or better. Almost half of Thoroughbreds in general—44%—are on the low end of the scale (rated “C” through “F”), yet only two in 25 stakes winners (8%) have these lower rankings.



4. How far back do you go to assign a nick rating?

The TrueNicks program is designed to establish a rating within a minimum number of generations from the sire/broodmare sire cross. As soon as a cross has met statistically significant thresholds, a rating is calculated. The farthest the TrueNicks program will go to calculate a rating is to the third generation of the horse (or prospective mating) in the sire line, and the fourth generation of the horse (or prospective mating) in the broodmare sire line. Ratings beyond those parameters would be meaningless and will yield a No Rating score.

5. What does No Rating mean?

A classification of No Rating signifies that, after going back to the third generation in the sire line and the fourth generation in the broodmare sire line, the program has not found enough statistically significant evidence to calculate a rating.

Although there is insufficient information to calculate a valid TrueNicks rating, the TrueNicks report will list the best five horses bred on the selected cross, and occasionally one will find although there is insufficient data to calculate a rating, the immediate cross has indeed produced a stakes winner.

6. Does class (or any other factor) impact the TrueNicks rating?

The TrueNicks rating is purely a reflection of the degree of affinity between the sire/sire line and broodmare sire/sire line. Thus, it is best used to differentiate between matings or individuals within a similar commercial range. This reflects the considerations that breeders and buyers are likely to face in “real world” situations. For example, it is more likely that a breeding considering using Storm Cat, might also consider Distorted Humor and A.P. Indy – horses at a similar commercial level – rather than alternative stallions in the \$20,000 range, and vice versa.

When planning or evaluating matings, other factors such as a balance of aptitudes (speed, stamina, preference for dirt, turf, or all-weather tracks), inbreeding, linebreeding and out-cross, and conformation considerations must be kept in mind. TrueNicks is a tool to be used by the Thoroughbred breeder and owner and while studies of over 100,000 horses demonstrates that there is a high correlation between the affinity between the sire/sire line and broodmare sire/sire line that is information that cannot be ignored, it must be given the appropriate weight when considering all other factors that influence eventual racetrack performance.

7. My question isn’t covered here—where can I get more information?

If you have any further questions that you wish to ask the team at TrueNicks, please e-mail brogers@truenicks.com.

Thoro-Graph creates and publishes high-tech handicapping data that is used by horsemen, professional gamblers, and media analysts. As consultants, **Jerry Brown** and **Thoro-Graph** have been responsible for the purchase and management of 88 horses that have gone on to win over 200 stakes races for their clients, including **Da Hoss**, **Distorted Humor**, and **Rachel Alexandra**.

Thoro-Graph starts by making professionally accurate speed figures, then adjusts them for weight carried and ground loss to create **Thoro-Graph** performance figures. On the **Thoro-Graph** scale, five pounds of weight carried is worth one point. **THE LOWER THE FIGURE, THE BETTER THE PERFORMANCE**. Every column is a year, with the calendar going up the page, arranged as a graph. The superscript numbers are quarter points.

For more information about **Thoro-Graph** data and consulting services, go to **www.thorograph.com** or email **jerrybrown@thorograph.com**.

The lower the number, the faster the race. On the **Thoro-Graph** scale, one point = about one length at five furlongs increasingly to two lengths at 1¼ miles. Each year of a horse's racing career (up to age five - ages beyond five are included in the 5+ figure) is represented by the best figure the horse has earned, followed by a percentile ranking of that horse compared to that year's population of the horse's age AND sex (i.e. for a 2010 female foal, the 3yo figure would represent the best figure earned in the racing year 2013, and the percentile would represent that horse compared with all 3yo females of 2013). NOTE: For early year sales, current year horses (i.e. a 2013 foal who is 3 in 2016) will NOT be represented by either a performance figure, or a percentile, due to the small sample size early in the year.

Five pounds in weight = one point at all distances. The figures are adjusted for weight carried in previous races. If two horses run a **Thoro-Graph** figure of 10 today, a horse in at 115 will beat a horse in at 120 by one point, or one length at five furlongs.

Each path out from the rail (one path) = one length of ground loss. Considering all else equal, in a one turn race a horse in the three path runs two lengths better than a horse on the rail.

Thoro-Graph figures are not adjusted for horses that are off poorly or stumbled from the gate.

Dirt figures:

$25^1 = 25 \frac{1}{4}$ $25^2 = 25 \frac{1}{2}$ $25^3 = 25 \frac{3}{4}$ Each superscript number is a ¼ point.

Turf races are denoted by "-" (e.g. -25 is 25 on the turf).

The **Thoro-Graph Index (TGI)** for sires is the average figure achieved by all of their offspring. Statistics are based solely on North American starts.

Thoro-Graph figures are calculated from data compiled from several sources including Equibase Company LLC. Data provided or compiled by Equibase Company LLC (which includes data from The Jockey Club) and/or **Thoro-Graph Inc.** generally is accurate but occasional errors and omissions may occur as a result of incorrect data received by others, mistakes in processing, and other causes. **Thoro-Graph Inc.**, Equibase Company LLC, and The Jockey Club disclaim responsibility for the consequences, if any, of such errors but would appreciate their being called to their attention.

E™ EQUIBASE SPEED FIGURES EXPLAINED

The **E** Equibase® Speed Figure measures how fast a horse has run using complex algorithms to normalize race times across all tracks, distances, surfaces and varying conditions. Therefore, a 100 at Saratoga Race Course is the same as a 100 at Santa Anita.

The **E** Equibase® Speed Figure is based on the horse's actual finishing time adjusted for factors such as run up distance, rail distance and track condition (including wind when recorded). Inter-track Variants are calculated based on an analysis of horses that have shipped to and from various venues and run at various distances and surfaces throughout the year. Race Variants compute the difference between winning times and expected times for each race, so there can be multiple race variants on a given day if underlying conditions change sufficiently. Both the Inter-track Variant and Race Variant are applied before arriving at the final **E** Equibase® Speed Figure for each horse.

The higher the figure the better the performance, with the fastest horses achieving in the 120s or above. The chart below displays the average **E** Equibase® Speed Figure for the Breeders' Cup World Thoroughbred Championship divisions.

Average Winning **E Equibase Speed Figures (Since 1992) for the Breeders' Cup World Thoroughbred Championships**

Juvenile Fillies	103
Juvenile Fillies Turf	103
Juvenile	108
Juvenile Turf	101
Filly & Mare Sprint	109
Sprint	118
Turf Sprint	114
Dirt Mile	116
Distaff	115
Mile	119
Filly & Mare Turf	116
Turf	122
Classic	123

Average Winning **E Equibase Speed Figures at Santa Anita Park in 2014**

Claiming \$10,000 - \$16,000	90
Claiming \$16,001 - \$25,000	94
Claiming \$25,001 - \$50,000	99
Claiming \$50,001 & up	101
Maiden Special Weight	94
Allowance NW1X	100
Allowance NW2X	106
Allowance NW3X	109
Stakes	111
Stakes, three year olds	104
Stakes, two year olds	97
Stakes, older females	103
Stakes, three year old females	98