



Thoroughbred Analytics
Transforming Data Into Knowledge

**Thoroughbred Analytics
TA Premium Analysis
Penn National 12/02/22**

www.ThoroughbredAnalytics.com

PENN NATIONAL 12/02/22 Race No. 1

TA Premium Analysis Definitions

ML Odds The morning line odds are created by the track's professional handicapper. They are what the local handicapper believes should be the odds of the horse in the race, based on their professional analysis

TA Indicator The TA Indicator is exactly that, a single number that indicates how well the horse is expected to perform in the current race based on historical information. Usually this is a number between 70 and 100. The rating is determined by analysis of the past performances for each horse as well as a comparison of current race types. The Thoroughbred Analytics process calculates over 40 factors for each horse. These are then combined using proprietary statistical techniques to arrive at a single indicator for each horse. TA Indicator may include the analysis of over 40 factors calculated for each horse including:

- Race
- Surface
- Workout Times
- Bullet Works
- Lengths Gained
- Class
- Jockey Efficiency
- Speed
- Pace
- Post Position
- Distance
- Trainer Efficiency
- Workout Distance
- Horses Passed

Note: TA Indicators are calculated for a specific horse entered in a specific race and condition and should not be compared across races.

TA Rank The TA Rank lists the horse with highest to lowest TA Indicators. The horse within each race with the highest TA Indicator has a TA Rank of 1. The horse with the second highest TA Indicator has a rank of 2, the third highest TA Indicator has a rank of three and so forth for each horse in the race.

TA Ratio The TA Ratio is one of Thoroughbred Analytics most powerful tools. This represents a horse's overall relative strength or weakness compared to all other horses entered in the race. The TA Ratio is the TA Indicator of each horse divided by the average TA Indicator of all horses entered in the race.

- If the TA Ratio is greater than 1.00, this horse is expected to perform better than the average horse in the race. The more the ratio is over 1.00, say 1.15, then the stronger the horse is relative to the field.
- If the TA Ratio is less than 1.00, this horse is expected to perform more poorly than the average horse in the race. The more the ratio is less than 1.00, say 0.85, then the weaker the horse is relative to the rest of the field.

PENN NATIONAL 12/02/22 Race No. 1

Race Number 1 CLAIMING 6 Furlongs Dirt, Local Post Time (approx.) 6:00pm

CLAIMING Purse \$15,400.00 (PLUS UP TO 40% PABF) FOR THREE YEAR OLDS AND UPWARD WHICH HAVE NEVER WON THREE RACES.

Three Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race Since November 2 Allowed 2 lbs. A Race Since October 2 Allowed 4 lbs. Claiming Price \$10,000, if for \$9,000, allowed 2 lbs.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Mr Boldacious	Conner, Tyler	9/2	3	61.11	1.04	76.00	64.14
2	2	U U Star	Rodriguez, Angel R	2/1	1	77.36	1.32	79.04	97.98
3	3	Chrome Finish	Corujo, Leonardo	6/1	6	52.54	0.90	41.70	44.77
4	4	Sutton Valley	Inirio, Maicol J	3/1	4	59.30	1.01	53.11	44.77
5	5	What's My Category	Davis, Jacqueline A	12/1	5	54.03	0.92	55.88	68.50
6	6	Winners Win	Cora, David	20/1	7	41.14	0.70	67.90	33.84
7	7	Dreamers Reward	Hernandez, Julio A	7/2	2	64.49	1.10	79.91	76.45

Race Number 2 CLAIMING 1 Mile 70 Yards Dirt, Local Post Time (approx.) 6:27pm

CLAIMING Purse \$10,800.00 (PLUS UP TO 40% PABF) FOR THREE YEAR OLDS AND UPWARD WHICH HAVE NEVER WON TWO RACES. Three

Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race At A Mile Or Over Since November 2 Allowed 2 lbs. Claiming Price \$5,000.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Once a Giant	Chiappe, Ricardo	2/1	5	60.20	1.03	68.35	76.45
2	2	Still the One	Lloyd, John W	15/1	6	45.14	0.77	30.37	40.78
3	3	Ludo	Castillo, Angel	6/1	4	63.44	1.08	77.74	64.97
4	4	Sailor Speed	Corujo, Leonardo	4/1	3	64.42	1.10	41.70	64.14
5	5	Ltl Bear Saloon	Hernandez, Julio A	7/2	2	69.74	1.19	79.91	76.45
6	6	Jump Free	Conner, Tyler	3/1	1	70.65	1.21	76.00	97.98
7	7	Black Irish	Davis, Jacqueline A	20/1	7	36.68	0.63	55.88	54.07

Race Number 3 MAIDEN SPECIAL WEIGHT 5 1/2 Furlongs Dirt, Local Post Time (approx.) 6:54pm

MAIDEN SPECIAL WEIGHT Purse \$27,100.00 (PLUS UP TO 40% PABF) FOR MAIDENS, TWO YEARS OLD. Weight, 122 lbs.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Barn Swallow	Cora, David	10/1	7	50.35	0.87	67.90	85.44
2	2	Goose Hunter	Rodriguez, Angel R	9/2	2	72.56	1.25	79.04	97.98
3	3	Mighty Minion	Hernandez, Julio A	10/1	5	54.30	0.93	79.91	76.45
4	4	Out of Stock	Conner, Tyler	4/1	1	73.88	1.27	76.00	84.05
5	5	Golden Treasure	Aguilar, Manuel	5/1	4	65.05	1.12	51.39	59.41
6	6	Sir Smoak	Diaz, Vladimir	3/1	3	72.28	1.24	62.22	56.13
7	7	High Strike	Chiappe, Ricardo	10/1	6	50.68	0.87	68.35	44.67
8	8	Kaz Palace	Panaijo, Jorge	12/1	9	47.70	0.82	38.30	65.91
9	9	Macho Honcho	Whitney, Dana G	12/1	10	46.45	0.80	75.02	80.95
10	10	On an Island	Salgado, Anthony	15/1	8	48.73	0.84	60.61	59.41

Race Number 4 CLAIMING 1 Mile Dirt, Local Post Time (approx.) 7:22pm

CLAIMING Purse \$14,400.00 (PLUS UP TO 40% PABF) FOR FILLIES AND MARES THREE YEARS OLD AND UPWARD WHICH HAVE NEVER

WON TWO RACES. Three Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race At A Mile Or Over Since November 2 Allowed 2 lbs. Claiming Price \$10,000, if for \$9,000, allowed 2 lbs.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Dare to Be Great	Davis, Jacqueline A	8/1	2	69.04	1.10	55.88	68.50
2	2	Psyche	Conner, Tyler	2/1	1	72.11	1.14	76.00	62.23
3	3	Circle of Courage	Crispin, Alexander	5/2	4	65.40	1.04	70.02	60.42
4	4	Paynt by Number	Hernandez, Julio A	9/5	5	65.07	1.03	79.91	76.06
5	5	Backstretchbeauty	Diaz, Vladimir	20/1	6	38.68	0.61	62.22	45.09
6	6	Tip Top Tapper	Cora, David	8/1	3	67.64	1.07	67.90	50.71

PENN NATIONAL 12/02/22 Race No. 5

Race Number 5 ALLOWANCE 1 1/16 Miles Dirt, Local Post Time (approx.) 7:49pm

ALLOWANCE Purse \$31,600.00 FOR REGISTERED PA-BRED FILLIES AND MARES THREE YEARS OLD AND UPWARD WHICH HAVE NEVER WON A PA-RESTRICTED RACE(S) OTHER THAN MAIDEN, CLAIMING, OR STARTER. Three Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race At A Mile Or Over Since November 2 Allowed 2 lbs. Such A Race Since October 2 Allowed 4 lbs. (Races Where Entered For \$16,000 Or Less Not Considered In Allowances).

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Rain Lilly	Cora, David	3/1	3	61.64	1.05	67.90	85.44
2	2	Anoint	Humphrey, William	9/5	1	70.81	1.21	54.77	72.66
3	3	Fairy Dreams	Aguilar, Manuel	2/1	2	66.66	1.14	51.39	59.41
4	4	Runnin Redbird	Hernandez, Julio A	5/1	4	60.53	1.03	79.91	80.95
5	5	Dance a Little Jig	Inirio, Maicol J	15/1	5	46.17	0.79	53.11	45.09
6	6	Melodia	Villegas, Jerry	15/1	6	45.66	0.78	45.67	52.90

Race Number 6 ALLOWANCE 6 Furlongs Dirt, Local Post Time (approx.) 8:16pm

ALLOWANCE Purse \$28,000.00 (PLUS UP TO 40% PABF) FOR FILLIES AND MARES THREE YEARS OLD AND UPWARD WHICH HAVE NEVER WON A RACE OTHER THAN MAIDEN, CLAIMING, STARTER, OR PENNSYLVANIA BRED. Three Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race Since November 2 Allowed 2 lbs. A Race Since October 2 Allowed 4 lbs. (Races Where Entered For \$16,000 Or Less Not Considered In Allowances).

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Knicksinatwist	Corujo, Leonardo	9/2	3	60.56	1.04	41.70	62.23
2	2	Determined Hope	Rodriguez, Angel R	10/1	5	54.32	0.93	79.04	69.31
3	3	Roses From Heaven	Aguilar, Manuel	10/1	6	53.36	0.91	51.39	62.23
4	4	Lanfrankophile	Hernandez, Julio A	2/1	1	70.20	1.20	79.91	64.14
5	5	Queen's Dream	Whitney, Dana G	8/1	4	57.11	0.98	75.02	81.22
6	6	Live Aid	Adorno, Abner	10/1	8	48.83	0.84	59.00	54.09
7	7	Brunella	Chiappe, Ricardo	5/2	2	69.89	1.20	68.35	103.67
8	8	Amen Sylvia	Cora, David	10/1	7	52.39	0.90	67.90	50.71

Race Number 7 MAIDEN CLAIMING 6 Furlongs Dirt, Local Post Time (approx.) 8:43pm

MAIDEN CLAIMING Purse \$18,100.00 (PLUS UP TO 40% PABF) FOR MAIDENS, FILLIES TWO YEARS OLD. Weight, 122 lbs. Claiming Price \$16,000, if for \$14,000, allowed 2 lbs.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Madison County	Conner, Tyler	5/2	3	65.12	1.07	76.00	85.44
2	2	Forever Fifi	Corujo, Leonardo	15/1	5	58.28	0.96	41.70	52.90
3	3	Desi's Reward	Cora, David	2/1	1	73.65	1.21	67.90	85.44
4	4	Sirenetta	Rivera, Luis D	5/1	4	62.09	1.02	48.77	27.05
5	5	Arrogante	Roldan, Felisha	6/1	7	46.47	0.76	26.69	45.44
6	6	Aprils Luck	Hernandez, Julio A	4/1	2	70.34	1.16	79.91	64.14
7	7	Keystone Warrior	Rodriguez, Angel R	12/1	6	50.00	0.82	79.04	97.98

Race Number 8 CLAIMING 6 Furlongs Dirt, Local Post Time (approx.) 9:10pm

CLAIMING Purse \$11,800.00 (PLUS UP TO 40% PABF) FOR FILLIES AND MARES THREE YEARS OLD AND UPWARD WHICH HAVE NEVER WON THREE RACES. Three Year Olds, 123 lbs.; Older, 124 lbs. Non-winners Of A Race Since November 2 Allowed 2 lbs. A Race Since October 2 Allowed 4 lbs. Claiming Price \$5,000.

Program				TA				Jockey	
Number	Post	Horse Name	Jockey	ML Odds	TA Rank	Indicator	TA Ratio	Rating	Trainer Rating
1	1	Seeking the Throne	Rodriguez, Edilberto	15/1	7	41.44	0.72	37.82	36.89
2	2	Scarlet Lily	Chiappe, Ricardo	5/2	2	69.63	1.20	68.35	73.70
3	3	Highway Queen	Tunon, Jordano	3/1	3	67.61	1.17	46.90	79.45
4	4	Fall Campaign	Roldan, Felisha	8/1	5	49.80	0.86	26.69	45.44
5	5	Loop the Loop	Cora, David	6/1	4	57.98	1.00	67.90	50.71
6	6	Cape Cod Sally	Diaz, Vladimir	12/1	6	47.54	0.82	62.22	42.77
7	7	South House	Hernandez, Julio A	2/1	1	70.81	1.22	79.91	62.23