

The United States (IRE)

Galileo – Beauty Is Truth by Pivotal

There are many theories on how speed and stamina are inherited, involving anything from advanced genetics to simple stats. The upshot is, it's complicated.

South African breeders, it is said, are obsessed with speed. A new stallion with highclass sprint or sprint/miler form will find it easier to get support than one whose best form was over a mile and more, and outright stayers simply are a no-no. This outlook is surprising, since the bulk of the big-race prize money is found in a races of a mile and up, both in South Africa and internationally. What's more, shorter races often have bigger fields, which reduces the opportunity to earn even further. Yet what takes the cake is that having focus on speed is simply counter-productive. Let's have a look.

At the back of the annual Sires Book is a table showing Stamina Influence of Sires. It's a summary of the highest distance of individual winners aged 3 and up, across five distance categories. The tables on this page are an extract, showing the stamina influence of our leading sires.

Observations:

- Var was a champion 1000m sprinter, Trippi and Western Winter were US 1400m horses, Captain Al won the Guineas but was better over 12/1400m, Kahal was a 14/1600m horse in UK.

- Dynasty, Silvano, Fort Wood all stayed 2000m; Jet Master stayed a mile but was never tried further because of breathing issues

- The average sire represents the population average, showing that two-thirds of the overall population falls in in the speed category; this is also the overall mare population, so it is to be expected that progeny of speed sires will make up a higher proportion than the average in the speed category, as the table 2 shows

- a 'speed' sire will get 25% or much fewer middle distance horses (who race where the money is)

- a 'stamina' sire will beat the population average in the 'money' group, and yet still have 50% or more horses in the 'speed' category

Assuming that the objective is to breed a high-earning Big Horse, then the conclusion must be that it is better to support sires who impart middle distance stamina than to support sprint/miler sires.

(table 1)

Winners	1000/ 1399m	1400/ 1600m	1601/ 1999m	2000/ 2399m	2400 & up
The Average Sire	31%	38%	14%	11%	6%
Silvano	15%	39%	17%	17%	12%
Captain Al	45%	36%	9%	6%	4%
Trippi	43%	42%	8%	5%	1%
Dynasty	13%	43%	15%	16%	13%
Kahal	27%	43%	14%	11%	5%
Var	66%	27%	5%	1%	1%
Western Winter	28%	42%	11%	15%	5%
Fort Wood	14%	33%	25%	15%	13%
Jet Master	19%	41%	20%	12%	8%

(table 2)

Winners	1000/ 1600m	1601/ 2399m
The Average Sire	69%	31%
Var	93%	7%
Trippi	85%	15%
Captain Al	81%	19%
Kahal	70%	30%
Western Winter	70%	30%
Dynasty	56%	44%
Jet Master	60%	40%
Silvano	54%	46%
Fort Wood	47%	53%

Bring on The United States!

He's a son of world-champion sire

Galileo, whose 2017 English & Irish Guineas double winners Churchill and Winter aptly illustrate his success with milers. True, Galileo is best known for his middle distance winners, but he gets them to win over less than a mile as well.

Interestingly, The United States recorded the highest rated 1400m win for a Galileo offspring (older than 2yo) in 2016. The speed aspect is not surprising for him, as his dam Beauty Is Truth was a highclass sprinter, as were his grandam Zelding and that one's sister Zipping. Third dam Zeldia won over 1300m and was half sister to champion sprint/miler Last Tycoon and to the dam of champion female miler Immortal Verse (like Beauty Is Truth a daughter of King's Stand Stakes winner Pivotal). That said, The United States' best performance in terms of ratings was a Gr1 win over 2000m. Best of both worlds, then.

The significant bottom-female line ancestor of The United States is the mare Schiaparelli, very closely kinbred, 2x1 Serenissima x Aileen. Schiaparelli, who won five times over 2400m, established a prolific sire and dam producing female

line – through her son Swallow Tail and daughters Barley Corn (Hyperion), Herringbone (King Salmon) and Cutaway (Fairway). The latter is ancestress of The United States.

Like her dam, Cutaway is closely kinbred (2x1). The kin-breeding persisted throughout the sequence of bottom line mares Scollata, Irish Lass, Mill Princess. The latter is by Mill Reef, and is kin-bred Infra Red x Schiaparelli.

This gives food for thought in terms of suitable lines for The United States.

Mill Reef is kinbred Be Faithful x Red Ray (daughter of Infra Red).

Be Faithful is the dam of Lalun, in turn dam of Never Bend and Bold Reason.

Infra Red is full sister to Éclair, dam of Khaled (Hyperion) and grandam of Tudor Minstrel mare Aimee (dam of Blushing Groom). Serenissima, noted earlier in the close kinbreeding of Schiaparelli, appears to play a role through kinbreeding with Hyperion, Sansovino, Tudor Minstrel and others, including Schiaparelli's daughter Barley Corn (Hyperion).

Mill Princess is half sister to sires Irish Ball, Exbury Lad, and to the dam of Assert and Bikala. The best of her 11 winners was champion sprint/miler Last Tycoon (Try My Best), but the most notable probably Side Of Paradise (Sadler's Wells), who produced champion filly Immortal Verse from a mating to Pivotal, whose sire Polar Falcon is by Nureyev and from the Schiaparelli female line branch of Barley Corn. Polar Falcon

Galileo's Gr1 winners

(Nureyev) and Side Of Paradise (Sadler's Wells) are very close kin, the pair 2x1 in Immortal Verse. The dam of The United States, Beauty Is Truth, is also by Pivotal, and closely related to Immortal Verse. Beauty Is Truth found her Sadler's Wells in Galileo, sire of The United States and his full sister Hydrangea (a multiple Gr1 winner in UK in 2017, rated 123).

Duplicating Sadler's Wells in future matings with The United States might make sense, also because the damsire of Sadler's Wells is Bold Reason (son of Lalun).

The United States' grandam Zelding is by Warning out of Mill Princess' daughter Zeldia. She is kinbred Noblesse x Irish Lass. Noblesse established a sire-producing female line, and is third dam of Rainbow Quest, who is by Blushing Groom (Infra Red female line) and is kinbred Aimee x Noblesse. Both Rainbow Quest and Blushing Groom can be noted as suitable lines, as is Aimee, who is close kin to many.

PICK OF THE BUNCH

*Suitable mares for
The United States could include*

- **Schiaparelli female line descendants**, notably through Barley Corn, Herringbone, Irish Lass – remote, widespread, but notably Last Tycoon, Rainbow Quest (in Byword, Spectrum, Saumarez)
- **Serenissima descendants**, notably through Hyperion, Tudor Minstrel, Sansovino – widespread, but notably Be My Guest (whose damsire is Tudor Minstrel)
- **Black Ray descendants**, notably through Infra Red (Mill Reef) and Éclair (Khaled, Blushing Groom) leading to Lalun (Never Bend/Riverman, Bold Reason) and female line of Gimmethegreenlight
- **Sadler's Wells** (notably Fort Wood, whose dam has multiple Hyperion & Khaled close up, which in turn leads to Kabool; In The Wings, who also has Mill Reef and is sire of Singspiel, successful with the family), **Nureyev**
- **female line ancestors who are kin to Aimee** (Blushing Groom), like Ajasco (Jallad), Mime (Badger Land, Badger's Drift), etc.

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- FRANKEL** (08c, Danehill, Rainbow Quest)
1st Champion S., Queen Elizabeth II S., York International S., The Two Thousand Guineas, Queen Anne S., Dewhurst S., Sussex S., St James's Palace S., Lockinge S. [14 wins, €3,617,443]
- MINDING** (13f, Danehill Dancer, Darshaan)
1st Queen Elizabeth II S. Nassau S., Fillies' Mile, The One Thousand Guineas, Epsom Oaks, Moyglare Stud S., Pretty Polly S., [9 wins, €2,881,979]
- NEW APPROACH** (05c, Ahonoora, Match)
1st Epsom Derby Champion S., Dewhurst S., Irish Champion S., National S., [8 wins, €2,540,594]
- CAPE BLANCO** (07c, Presidium, Artaius)
1st Irish Derby, Irish Champion S., Arlington Million S., Belmont Man o' War S., Belmont Joe Hirsch Turf Classic S. [9 wins, €2,881,283]
- HIGHLAND REEL** (12c, Danehill, Marscay)
1st King George VI & Queen Elizabeth S., Breeders' Cup Turf, Secretariat S, Hong Kong Vase, [7 wins, €7,038,601]
- MISTY FOR ME** (08f, Storm Cat, Mr. Prospector)
1st Irish One Thousand Guineas, Moyglare Stud S., Pretty Polly S., Prix Marcel Boussac, [5 wins, €814,416]
- IGUGU** (07f, Intikhab, Darshaan)
1st Durban July H., J&B Metropolitan H., South African Fillies Classic, Woolavington S., [10 wins, €741,847]
- GLENEAGLES** (12c, Storm Cat, Rahy)
1st Two Thousand Guineas, St James's Palace S., Irish Two Thousand Guineas, National S., [7 wins, €1,232,791]
- CHURCHILL** (14c, Storm Cat, Air Express)
1st Dewhurst S., Two Thousand Guineas, National S., Irish Two Thousand Guineas [7 wins, €1,205,903]
- FOUND** (12f, Intikhab, Nordico)
1st Prix de l'Arc de Triomphe, Keeneland Breeders' Cup Turf, Prix Marcel Boussac, [6 wins, €6,781,222]
- RIP VAN WINKLE** (06c, Stravinsky, Don't Forget Me)
1st York International S., Sussex S., Queen Elizabeth II S., [5 wins, €1,418,835]
- ALICE SPRINGS** (13f, Danehill Dancer, Slew o' Gold)
1st Sun Charlot S., Falmouth S. Matron S., [5 wins, €1,098,750]
- LUSH LASHES** (05f, Anabaa, Azazi)
1st Coronation S., Yorkshire Oaks, Matron S., [5 wins, €1,674,311]
- AUSTRALIA** (11c, Cape Cross, Welsh Pageant)
1st Epsom Derby, Irish Derby, York International S., [2,554,278]
- GOLDEN LILAC** (08f, Danehill, Kenmare)
1st Prix de Diane, Poule d'Essai des Pouliches, Prix d'Ispahan [6 wins, €1,065,250]
- NOBLE MISSION** (09c, Danehill, Rainbow Quest)
1st Champion S., Tattersalls Gold Cup, Grand Prix de Saint-Cloud, [9 wins, €1,699,375]
- MAGICIAN** (10c, Mozart, Lake Coniston)
1st Breeders' Cup Turf, Irish Two Thousand Guineas [5 wins, €1,890,269]
- TREASURE BEACH** (08c, Mark of Esteem, Bering)
1st Irish Derby, Secretariat S., [5 wins, €1,744,931]
- SOLDIER OF FORTUNE** (04c, Erins Isle, Lord Gayle)
1st Irish Derby, Coronation Cup [6 wins, €1,921,390]
- NATHANIEL** (08c, Silver Hawk, Icecapade)
1st King George VI & Queen Elizabeth S., Eclipse S., [4 wins, €1,721,662]
- RED ROCKS** (03c, Machiavellian, Fairy King)
1st Breeders' Cup Turf S., Man o' War S., [6 wins, €2,193,539]
- THE GURKHA** (13c, Danehill Dancer, Slew o' Gold)
1st Sussex S., Poule d'Essai des Poulains [3 wins, €1,239,227]
- MONDIALISTE** (10c, Kaldoun, Lyphard)
1st Arlington Million S., Woodbine Mile S. [5 wins, €1,540,531]
- ORDER OF ST GEORGE** (12c, Gone West, Summer Squall)
1st Gold Cup, Irish St Leger, [8 wins, €1,355,047]
- RODERIC O'CONNOR** (08c, Danehill, Kris)
1st Irish Two Thousand Guineas, Criterium International, [3 wins, €451,175]
- SEVENTH HEAVEN** (13f, Johannesburg, Unbridled)
1st York Yorkshire Oaks, Irish Oaks [5 wins, €1,804,908]
- ADELAIDE** (11c, Elnadim, Niniski)
1st MVRC WS Cox P., Secretariat S., [4 wins, €1,861,237]
- PHOTO CALL** (11f, Rock of Gibraltar, Indian Ridge)
1st Keeneland First Lady S., Rodeo Drive S. [6 wins, €729,957]
- DEORATED KNIGHT** (12c, Storm Cat, Rahy)
1st Tattersalls Gold Cup, Jebel Hatta S. [7 wins, €624,651]
- WINTER** (14f, Choisir, Favorite Trick)
1st One Thousand Guineas, Irish One Thousand Guineas [3 wins, €529,220]
- ALANDI** (05c, Darshaan, Reiko)
1st Irish St Leger, Prix du Cadran [5 wins, €396,179]
- TEOFILO** (04c, Danehill, Majestic Light)
1st Dewhurst S., National S. [5 wins, €511,777]
- TOGETHER** (08f, Pennekamp, J. O. Tobin)
1st Keeneland Queen Elizabeth II Challenge Cup, [3 wins, €603,426]
- SEVILLE** (08c, Silver Hawk, Niniski)
1st ATC Metropolitan H., [2 wins, €797,381]
- GALIKOVA** (08f, Blushing Groom, Lyphard)
1st Prix Vermeille, [5 wins, €812,760]
- ALLEGRETTO** (03f, Caerleon, Crystal Palace)
1st Prix Royal Oak [6 wins, €707,102]
- LINTON** (06g, Centaine, Sun and Shine)
1st BRC Stradbroke H., [7 wins, €1,527,887]
- WAS** (09f, Green Desert, Ahonoora)
1st Epsom The Oaks, [2 wins, €398,506]
- INTELLO** (10c, Danehill, Kaldoun)
1st Prix du Jockey Club [6 wins, €1,670,763]
- TAPESTRY** (11f, Danehill, Mr. Prospector)
1st York Yorkshire Oaks [3 wins, €473,678]
- BALLYDOYLE** (13f, Storm Cat, Mr. Prospector)
1st Prix Marcel Boussac, [3 wins, €475,005]
- THE UNITED STATES** (10c, Pivotal, Warning)
1st ATC Ranvet S., [7 wins, €1,514,814]
- RHODODENDRON** (14f, Pivotal, Indian Ridge)
1st Fillies' Mile [3 wins, €597,966]
- DEAUVILLE** (13c, Danehill, Rahy)
1st Belmont Belmont Derby, [4 wins, €910,395]
- SOUSA** (05c, Last Tycoon, Super Concorde)
1st AJC Spring Champion S., [3 wins, €314,283]
- JOHANNES VERMEER** (13c, Holy Roman Emperor, Marju)
1st Criterium International, [3 wins, €312,761]
- ROMANTICA** (09f, Danehill, Kahyasi)
1st Prix Jean Romanet, [4 wins, €584,419]
- RULER OF THE WORLD** (10c, Kingmambo, Alydar)
1st Epsom Derby, [4 wins, €1,258,341]
- MAYBE** (09f, Danehill, Indian Ridge)
1st Moyglare Stud S. [5 wins, €321,011]
- CURVY** (12f, Inchinor, Rainbow Quest)
1st EP Taylor S. [5 wins, €491,687]
- KINGSBARN** (10c, Belmez, Caerleon)
1st Racing Post Trophy, [2 wins, €341,552]
- MAHBOOBA** (07f, Red Ransom, Diesis)
1st Golden Slipper, [7 wins, €822,007]
- LILY OF THE VALLEY** (07f, Pennekamp, Last Tycoon)
1st Prix de l'Opera [7 wins, €349,995]
- NIWOT** (04g, Noble Bijou, Balmerino)
1st ATC Sydney Cup [9 wins, €927,793]
- CIMA DE TRIOMPHE** (05c, Danehill, Crystal Palace)
1st Rome Derby Italiano [10 wins, €674,658]
- SIXTIES ICON** (03c, Diesis, Law Society)
1st St Leger [8 wins, €757,148]
- ALTANO** (06g, Lando, Surumu)
1st Prix du Cadran [13 wins, €438,278]
- NIGHTIME** (03f, Indian Ridge, Bluebird)
1st Irish One Thousand Guineas [2 wins, €235,912]
- IMPERIAL MONARCH** (09c, Slip Anchor, Reliance)
1st Grand Prix de Paris [3 wins, €418,433]
- MARVELOUS** (11f, Storm Cat, Rahy)
1st Irish One Thousand Guineas [2 wins, €192,716]
- TOGETHER FOREVER** (12f, Theatrical, Blushing Groom)
1st Fillies' Mile, 3 wins, €256,343]
- GREAT HEAVENS** (09f, Silver Hawk, Icecapade)
1st Irish Oaks [4 wins, €333,591]
- SANS FRONTIERES** (06c, Shirley Heights, Persian Bold)
1st Irish St Leger [4 wins, €291,173]
- WALDGEIST** (14c, Monsun, Mark of Esteem)
1st Criterium de Saint-Cloud [2 wins, €196,950]
- t Leger** [4 wins, €291,173]
- WALDGEIST** (14c, Monsun, Mark of Esteem)
1st Criterium de [2 wins, €196,950]