



June 2017

Attwood Equestrian Surfaces, Inc

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Attwood Equestrian Surfaces Championship Cooler



Attwood Equestrian Surfaces presents this fancy cooler to the winner of the Mary Alice Brown Amateur Master Series. Always a pleasure to be a sponsor for them and present wonderful prizes like these.

The June Horse Trials at Stable View are almost here. Who will win the Mary Alice Brown Memorial Trophy along with the very elegant AES championship cooler? Do you have a photo of you competing at Stable View? Send it to us on any of our social media pages and we will share it on our network.

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Ameritrack

What makes good footing good? Nick Attwood of course. Look for our latest ad in [#sidelines](#) magazine featuring Dr. Footing himself. Cutting edge technology for your equine athlete.



This complete race track system is specifically designed and formulated for horse safety and injury reduction. AmeriTrack is engineered with a free-draining base and all-weather cushion. It incorporates a vertical drainage system which eliminates movement of the cushion to the rail and results in a consistent, no bias track.

Unlike most coated surfaces, AmeriTrack is manufactured without wax. AmeriTrack remains stable in extreme temperature conditions. During high temperatures, it will not melt or become soft, and during extreme cold, it will remain soft and pliable, rather than become hard and brittle.

Product HighLights

- Dust-free and non-tacky.
- Consistent going
- Manufactured from premium raw materials
- Engineered for thoroughbred training and racetrack
- Reduced concussion with viscoelastic rebound
- Freeze-resistant and stable over a wide temperature range

Focus on Ameritrack



Synthetic surfaces in the horse racing industry have received mixed press over the years. In 2006, motivated by evidence that synthetic surfaces resulted in a decrease in fatalities, the California Horseracing Board decreed that all racetracks in the state should switch to synthetics. Nine years later, all except one have been axed. Add to that several others throughout the United States, and the prestigious Meydan racetrack in Dubai, all being removed, tells a devastating story. All of these racetracks were installed with wax-based surfaces, and their problems have done untold damage to the reputation of synthetic surfaces. It is widely accepted that the wax coating could not cope with the temperature variations throughout a day, and throughout the year, riding hard and fast in the colder parts of the day/year, and soft and slow in the hotter parts of the day/year.

Maintenance was therefore a real headache for the racetrack managers, and inconsistent times were a problem for riders and trainers, and racegoers. Had the racetrack owners turned to Attwood back in 2006, they would have encountered our polymer-coated synthetic surface, which is proven scientifically to vary considerably less than wax surfaces. This is because the waxes used for equestrian surfaces are crystalline solids, and as such melt when they get warm (think of candle wax). This melting can occur at normal outside temperatures, turning from solid in the morning, to liquid in the afternoon sun. This change has a devastating effect on the properties of the footing, hence on the 'going' of a racetrack. Attwood's Ameritrack polymer coating is not crystalline and does not melt in this way, so footing properties are maintained constant throughout the day, and throughout the seasons.

Panizzon Wins Tattersalls CCI3* on Record Score, Dutton Best American



Vittoria Panizzon and Chequers Play The Game. Photo by Jenni Autry.

Vittoria Panizzon and Chequers Play The Game clinched a record-breaking win this afternoon at Tattersalls International Horse Trials & Country Fair in Ireland, adding just 1 show jumping time penalty to their dressage score to finish on a final score of 35.5.

That gives Vittoria and “Elvis,” a 14-year-old KWPN gelding (Stravinsky X Mirakel, by Lancer II) owned by Amy and Patricia Lambert, a new record for the lowest finishing score in the history of the CCI3* at Tattersalls.

No combinations had ever finished on a final score in the 30s in past runnings of the CCI3*, and this year we ultimately saw two pairs complete on a sub-40 score, including Piggy French and Quarrycrest Echo in the horse’s first CCI3*.

Piggy and “Red,” a 10-year-old Irish Sport Horse gelding (Clover Echo X Royal China, by Cavalier Royale) owned by Mickey and Jayne McGivern, were one of five combinations in the field to finish on their dressage score, taking second place on 39.3. As EquiRatings pointed out, in any other year that score would have been enough to win the CCI3*.

Willa Newton and Caja 20 finished on their dressage score of 43.6 in the mare’s CCI3* debut to take third place. The 9-year-old Rheinlander mare (Carenzo X Ravenna, by Ragtime) owned by Joey Newton and Sarah McCorquodale won the 2016 Blenheim 8/9-year-old class, which has empirically proven to be a consistent indicator of form at CCI3* and ultimately CCI4* level. Keep your eyes on these two!



Phillip Dutton and Z. Photo by Jenni Autry.

Phillip Dutton finished both of his horses in the top 10, with Z, a 9-year-old Zangersheide gelding (Asca X Bellabouche, by Babouche VH Gehucht Z) owned by Tom Tierney, Simon Roosevelt, Suzanne Lacy, Annie Jones and Caroline Moran, leading the way for the North American contingent in fifth place thanks to a clear round and 1 time penalty to complete on 46.0.

The weather spanned the gamut today in Ratoath, ranging from beautiful sunshine to pouring rain, and Phillip had the good fortune of being the first in the ring to jump during a strong deluge. “Z was spectacular,” Phillip said. “He had the one time penalty, and since I was the first to go I wasn’t quite sure how quick it was going to be, but he jumped well.” Fernhill Revelation, an 11-year-old Irish Sport Horse gelding (YOU X Hallo Noble Girl, by Hallo) owned by Tom Tierney, Simon Roosevelt, Suzanne Lacy, Annie Jones and Caroline Moran, sat in third place after cross country and ultimately finished seventh on 48.6 after knocking two poles in the show jumping.

“I blame myself a little bit because I was pushing him for the time and I think it cost us at least one of the rails if not both,” Phillip said. “I think I would have been better off with a time fault or two but you’re in there and trying to win and that’s the risk you take.”



Buck Davidson and Carlevo. Photo by Jenni Autry.

Buck Davidson and Carlevo, a 10-year-old Holsteiner gelding (Caresino X Ramatuelle, by Levernois) owned by Carlevo LLC, jumped one of the six clear show jumping rounds inside the time to finish sixth on 48.2.

“Minus the mishap at the last water yesterday, he was right there,” Buck said. “I think he will come on a lot from this and I’ve got some things to work on, but I’ve got a really exciting young horse that can do all three phases.”



Kathryn Robinson and Let It Bee. Photo by Jenni Autry.

Kathryn Robinson and Gayle Robinson's Let It Bee, a 16-year-old Westphalian gelding (Lamerto H X Baroness, by Brentano II), finished 11th for Canada, adding one rail to complete on 55.3. They now have 41 international runs together as a combination, making them the most experienced partnership in the field. So what's next for Bee?

"I'm thinking I'll probably do some CICs next, maybe some of the Event Rider Masters legs," Kathryn said. "I was thinking of potentially going to Pau at the end of the season, so we'll see how he feels after this. At the moment he's full of himself!"

Katherine Coleman and Back to Business, a 10-year-old Irish Sport Horse (Harlequin Du Carel X Moxella, by Quick Star), jumped clear with 2 time penalties to finish 12th on 59.7 in the mare's first CCI3* appearance.

"I was so pleased with the little mate," Kathryn said. "It's her first season at three-star and her first CCI, and she absolutely took it all on and jumped her socks off. I'm excited about her for the future."

It's been a wonderful week in Ireland following along with our North Americans, and it's exciting to see more members of Team USA competing at this event. Phillip Dutton said it best: "Ireland is a very horse-friendly country, and Tattersalls has a good educational cross country course and atmosphere for dressage and show jumping. The footing was very good. It's also a fun show, and the Guinness is very nice!"

So if you're wondering which event to place on your bucket list next, make it Tattersalls. Until then, sláinte! Go Eventing.

| RANK | NO. | RIDER | HORSE | DRESSAGE | | RANK AFTER DRESSAGE | | CROSS-COUNTRY | | RANK AFTER CROSS-COUNTRY | | JUMPING | | FINAL SCORE |
|------|-----|-----------------------|------------------------|----------|------------|---------------------|------|---------------|-------|--------------------------|------|---------|-------|-------------|
| | | | | POINTS | PERCENTAGE | SCORE | RANK | FAULTS | TIME | SCORE | RANK | FAULTS | TIME | |
| 1. | 320 | Vittoria PANIZZON | Chequers Play The Game | 600.5 | 76.99 | 34.50 | 1. | 0,00 | 10:02 | 34.50 | 1. | 1,00 | 80.12 | 35.50 |
| 2. | 335 | Piggy FRENCH | Quarrycrest Echo | 575.5 | 73.78 | 39.30 | 4. | 0,00 | 10:10 | 39.30 | 2. | 0,00 | 76.04 | 39.30 |
| 3. | 319 | Willa NEWTON | Caja 20 | 583.5 | 70.96 | 43.60 | 7. | 0,00 | 10:06 | 43.60 | 4. | 0,00 | 75.02 | 43.60 |
| 4. | 330 | Oliver TOWNEND | Ballaghmor Class | 549.0 | 70.38 | 44.40 | 9. | 0,00 | 10:05 | 44.40 | 5. | 0,00 | 76.81 | 44.40 |
| 5. | 336 | Phillip DUTTON | Z | 546.0 | 70.00 | 45.00 | 11. | 0,00 | 10:07 | 45.00 | 6. | 1,00 | 80.71 | 46.00 |
| 6. | 308 | Bruce O. DAVIDSON JR. | Carlevo | 577.0 | 73.97 | 39.00 | 3. | 9,20 | 10:34 | 48.20 | 8. | 0,00 | 79.65 | 48.20 |
| 7. | 304 | Phillip DUTTON | Fernhill Revelation | 569.0 | 72.95 | 40.60 | 5. | 0,00 | 10:10 | 40.60 | 3. | 8,00 | 77.60 | 48.60 |
| 8. | 325 | Pippa FUNNELL | MGH Grafton Street | 533.5 | 68.40 | 47.40 | 14. | 0,80 | 10:13 | 48.20 | 7. | 4,00 | 77.24 | 52.20 |
| 9. | 315 | Camille LEJEUNE | Tahina des Isles | 507.0 | 65.00 | 52.50 | 15. | 0,00 | 10:01 | 52.50 | 9. | 0,00 | 78.49 | 52.50 |
| 10. | 307 | Laura COLLETT | Cooley Again | 492.5 | 63.14 | 55.30 | 19. | 0,00 | 10:10 | 55.30 | 11. | 0,00 | 71.80 | 55.30 |
| 11. | 323 | Kathryn ROBINSON | Let It Bee | 550.5 | 70.58 | 44.10 | 8. | 10,00 | 10:36 | 54.10 | 10. | 4,00 | 75.23 | 58.10 |
| 12. | 306 | Katherine COLEMAN | Back To Business | 480.0 | 61.54 | 57.70 | 20. | 0,00 | 10:02 | 57.70 | 13. | 2,00 | 81.52 | 59.70 |
| 13. | 322 | Joanna RIMMER | Isaac Newton | 469.5 | 60.19 | 59.70 | 23. | 0,00 | 10:05 | 59.70 | 14. | 8,00 | 78.52 | 67.70 |
| 14. | 332 | Gaby COOKE | Cufflink | 554.5 | 71.09 | 43.40 | 6. | 13,60 | 10:45 | 57.00 | 12. | 18,00 | 81.40 | 75.00 |
| 15. | 314 | Emily PARKER | Harelaw Wizard | 437.5 | 56.09 | 65.90 | 27. | 2,80 | 10:16 | 68.70 | 16. | 8,00 | 77.77 | 76.70 |

You can check out the entire article by Eveting Nation and also read more [here](#).

Footing Facts June 2017

Sub-surface Irrigation

At various times in Footing Facts we have mentioned under-ground, or sub-surface irrigation systems for maintaining the moisture content in watered equestrian riding surfaces. This month we will look into these in more detail.

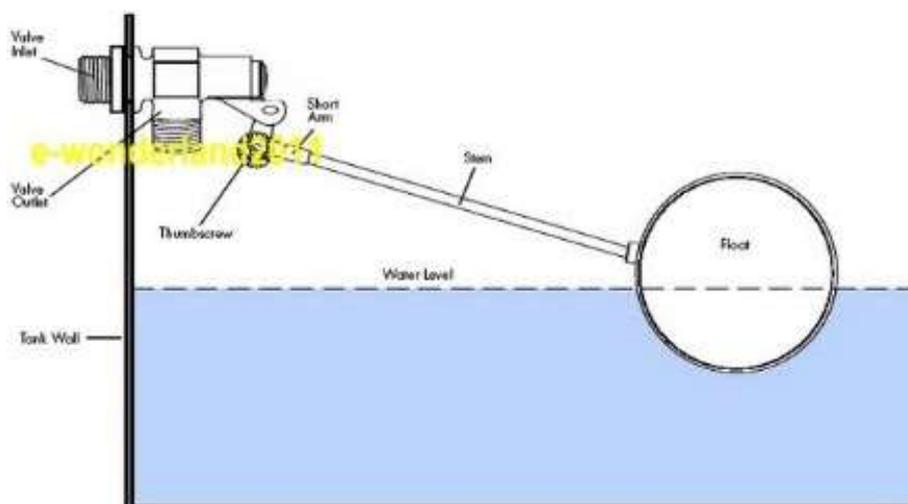
Sub-surface irrigation systems have been gaining gradual acceptance over the last 10 years or so. One can see why this might be when the potential advantages of such systems are considered. In theory watering from underneath the riding surface will save on watering costs - it is reckoned that approximately 30% of water used in an overhead spraying system does not make it to the riding surface because of rapid evaporation, and also spray missing the arena surface. Secondly, again in theory, a sub-surface system should be fully automated, so automatically supplies water when the arena needs it, rather than watering being left to the maintenance crew.



Thirdly, once again in theory, water application should be more uniform than an overhead system, leading to a more uniform riding surface. Another advantage, but my no means the final one, particularly for an indoor arena, in an overhead system the spray can wet side walls leading to rotting of wood, corrosion of metal, and mold growth - this does not happen if the water is supplied from underneath.

Let us now describe the basics of sub-surface systems, then consider their advantages and disadvantages, then finally discuss the exciting news that Attwood is launching its own, superior system!

The first sub-surface irrigation systems were based on effectively a shallow 'swimming pool' beneath the riding surface, whereby the level of the water is controlled so that the sand is constantly wetted by the pool of water. Control of the water level is vital to ensure the moisture content in the top of the riding surface is at the correct level, otherwise if there is too much water the surface becomes sloppy, or if not enough it will be dry and ride deep. The water reservoir is contained by a rubber membrane that lines the sub-base, and so water does not escape through the sub-base. Channels are usually dug into the sub-base and the rubber membrane also lines these channels. Perforated pipes are laid in the channels to take supply water to the reservoir, and sometime to also take it away from the reservoir. Usually the granular base material is laid on top of the rubber membrane and drainage pipes, then a separation membrane upon which the riding surface is placed. Some suppliers also place mats on top of the upper membrane for further stability.



The key part of such a system is the water level control system. Usually this takes the form of a small water tank, sunk into the ground outside the arena. The level in the tank is controlled by a float valve (similar to a normal domestic plumbing cistern valve) and because an outlet pipe at the tank water level is connected to the arena reservoir, the level in the arena reservoir is translated to that in the tank. If the level in the arena reservoir drops, then the level in the supply water tank also drops, the float valve also drops and water is supplied to the supply tank. This in turn is also transferred to the arena reservoir, until both levels rise and the float valve shuts off the supply water. In this way equilibrium is achieved. IN THEORY!



A disadvantage of this type of system is its complexity which means there are many things that can go wrong. For instance if the rubber membrane that essentially holds all the water is punctured, the level of water in the arena constantly falls, hence the supply tank level constantly falls, hence the float valve constantly supplies water, leading to a huge water bill!

Another disadvantage is that because the (intact) rubber membrane does not allow water to pass through it, any heavy rainfall leads to the water level rising and there is the possibility of the arena flooding - in this situation the drainage system has to be designed properly and be functioning correctly. In wetter climates some companies have to install a pumping system to take excess rain water away, further complicating the system.

One potentially serious problem with these systems is the fact that there is a large volume of stagnant water in the arena reservoir which often leads to microbial growth, with often unpleasant consequences such as odour, horrible discolouration, and even dangerous pathogens present. We have witnessed such effects in a system that was only 4 months after installation!

Now the exciting news! Here at Attwood, we have been researching sub-surface irrigation system for several years, and at an early stage recognised the disadvantages of current systems. This has led to the development of a superior system which does not rely on a flooded reservoir underneath the riding surface, but a simple watering solution that does not suffer from the disadvantages of flooded systems.

We can't tell you too much at this stage before the official launch but we have partnered with a German company to bring the equestrian and racing world a new sub-surface irrigation system called AquaBalance. We are so excited about this development, so watch this space for further news.

Our Social Media Channels



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Attwood Equestrian Surfaces provides meticulously engineered surfaces that benefit both the horse and the rider

