

Benefits of a Late Fall Surfactant Application

Most cool-season turfgrass managers stop using soil surfactants (wetting agents) for the year in early fall when the summer stress period is over. However, a late season application of Revolution® and Dispatch® right before you blow out your irrigation system can provide many important turf benefits before the ground freezes in winter, and after the ground thaws in early spring.

Late Fall Benefit

If it gets dry after you blow out your irrigation system, a late fall Revolution and Dispatch application will help ensure maximum penetration of any rainfall or snow melts that occur, and will improve soil moisture levels before the ground freezes. More favorable soil moisture levels in late fall will reduce moisture stress on turfgrass going into the winter, and will maximize photosynthesis and root growth until the ground freezes.

Winter Benefit

If a thaw occurs in winter and the soil thaws, a late fall surfactant application with newer chemistries like Revolution or Dispatch can also help free water drain off the turf surface faster. Crown hydration injury occurs when free water on the turf surface hydrates the crowns of turfgrass plants and if a freeze occurs the turfgrass plant can be killed. So if less free water remains on the turf surface prior to a freeze, the amount of crown hydration damage may be lessened.

Spring Benefit

When the rootzone thaws in early spring, Revolution and Dispatch will still be present in the soil. This will give the same benefit as in late fall - maximizing penetration of snow melt and any precipitation that occurs to improve soil moisture levels and maximize photosynthesis and root growth coming out of winter. This can be especially important if it gets warm and dry before you can get your irrigation system up and running in the spring.



Greens & Tees:



Apply 6 oz/M to greens and tees just before you blow out your irrigation system. For sand rootzones, water in with at least 1/3 inch of water. For native, soil push-up greens with less than a four-inch sand topdressing layer, water in with at least 1/2 inch of water.

Fairways:



Apply 24 oz/acre to fairways just before you blow out your irrigation system. Water in well the evening after application.

