Triactiv®
Surfactant Complex

FAQ's

Why did you decide to develop a new combination product?

Triactiv was developed to offer a unique approach to combating soil moisture issues, as it enhances the strong soil-wetting properties of TriCure with additional ingredients that strengthen the turf both above and below the soil surface. The combination of these ingredients offers the ability to eliminate localized dry spots, support the growth of beneficial soil microbes, and alleviate abiotic turfgrass stress - all in a single product.

Why did you choose the name Triactiv?

The name represents the 3 active formulation components, each with separate but synergistic effects.

What is in Triactiv?

The main component in Triactiv is TriCure Soil Surfactant. It's proven to outperform the competition even in the most severe conditions. Triactiv also contains a natural, sustainably sourced form of carbon that stimulates beneficial soil microbial growth, as well as a biostimulant containing a high concentration of L-amino acids, plant vitamins, plant stress metabolites, glycine betaine, salicylic acid, and seaweed extract that prevents and alleviates abiotic turfgrass stress.

Why would your customer choose to use Triactiv instead of TriCure?

Customers currently using TriCure may or may not have a need for Triactiv. Our vision is for Triactiv is to be used either by customers not already using TriCure, or for those looking to achieve benefits beyond that of a stand-alone surfactant. Understanding that every customer is different, Triactiv provides an alternative solution that doesn't exist elsewhere as a single product. Customers in areas that routinely experience prolonged heat and drought conditions will benefit most from treatment with Triactiv.

How does the price of Triactiv compare to TriCure?

Triactiv is priced marginally higher than TriCure per gallon, by approximately 10%. Cost per application may be higher given that Triactiv's rate curve is higher than TriCure's. The addition of the secondary components adds to the cost, but compares very favorably with a multi-product approach offered by other companies.

How do I determine the optimum application rate of Triactiv for my golf course?

We've done the work for you. In conjunction with the location/rate map on the label, the table below lists the amount of TriCure in each of the 3 suggested application rates. If you're currently using TriCure, apply Triactiv at the rate that corresponds to your current TriCure rate. At both the 8 oz and 6 oz rates of Triactiv, the amount of the secondary components (biostimulants and carbon-rich acidifier) are also optimized per university rate curve studies.

Triactiv rate	Amount of TriCure applied
8-oz	6-oz
6-oz	4-oz
4-oz	2-oz

Can you combine Terafirm in a program approach with Triactiv?

Triactiv is an excellent tank-mix partner with Terafirm. In combination, Triactiv and Terafirm offer superintendents the opportunity to adjust the rates and ratios of these two products across the season to optimize their water management goals and achieve ideal playing conditions.

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Would the application timing of a Triactiv application differ from a straight soil surfactant?

Triactiv will have beneficial effects on turf across the growing season. It can be used as a preventative product reducing the likelihood of localized dry spots and activating defense mechanisms that allow turf to better withstand future abiotic stressors. It can also be used as a curative product to reverse soil water repellency and speed the recovery of already stressed turfgrass.

To get the maximum benefit of the biostimulant (which contains a high concentration of L-amino acids, plant vitamins, plant stress metabolites, glycine betaine, salicylic acid, and seaweed extract), applying well in advance of the onset of stress conditions is suggested to give the plant time to build up resistance to abiotic turfgrass stress.

Is there research backing up the benefits of Triactiv?

The components in Triactiv have been tested in multiple laboratory, university, and field studies for more than a decade. Benefits to plant health include:

- Optimizes the uniform distribution of water into the rootzone
- Reverses soil water repellency resulting in the prevention and cure of localized dry spots
- Improves irrigation efficiency as much as 50%
- Alleviates and speeds recovery from turfgrass stressors including heat, salt, and drought
- Releases soil-bound nutrients to make them more plant available
- Improves distribution of turf-applied chemicals throughout the rootzone
- Provides a rich source of carbon to stimulate growth of beneficial soil microbes

Are more research trials planned to show the benefits of Triactiv in the field?

Yes. Triactiv is currently in field testing at the University of Arkansas, which has the most severe localized dry spot research plots of any of the testing universities. We have partnered with Dr. Mike Richardson to use a plot design that allows localized dry spot pressure to develop uniformly around all sides of every research plot giving more comprehensive and reliable data.

Is Triactiv safe to apply to turf?

Yes. Triactiv is non-phytotoxic. It can be sprayed in the morning and watered-in later that night or the next morning. The first irrigation after application should apply enough water to carry Triactiv through the depth of the rootzone.

Can Triactiv be mixed with other tank mix partners?

Yes. Triactiv can be mixed with most turf-applied chemicals including fertilizers, herbicides, insecticides, and fungicides. Before applying Triactiv with a new tank-mix partner, perform a jar test to evaluate tank-mix compatibility and apply to a small turfgrass area to determine its effect on turf quality.

Is there any settling of the product in the jug?

End users may notice a small amount of settling on the bottom of the container which is normal and does not affect the efficacy of Triactiv. If there is residual Triactiv on the bottom of the container, add a small amount of water and shake to resuspend the product and add it to the spray tank. Shaking a container briefly before adding to a spray tank is always a good idea, even if no residual product is seen settled.