

Contans WG Fungicide White Mold Control Fact Sheet 2017

- Contans is a **Proactive** approach to white mold control. A soil applied fungicide, that attacks and eats the sclerotia in the soil. Contans will reduce the potential for white mold in future crops due to the reduction the sclerotia in soil that causes the problem in the first place. A foliar approach only helps to prevent a new infection on the upper part of the treated plant. It does nothing to reduce the actual inoculum in the soil.
- Contans is a very useful tool in a total White mold control strategy. It will reduce sclerotia in the soil by 80-85 % regardless of weather conditions during the season. A foliar fungicide should be used in conjunction with Contans to protect against spores that might come from other sources or where heavy pressure is expected. Contans will reduce the possible current infection and the possible problems next year too.
- Contans can be applied to the soil anytime. A spring application can be made with pre herbicides. It can be **applied in the fall on the harvested crop residue** and worked in. This method gives Contans a long time to work before the next crop is planted. **It's very effective this way.** Fall applications will start to work immediately. The winter freeze doesn't kill the product. It will start to work again as the soil thaws and starts to warm. Contans will remain viable in soil as long as it is in contact with sclerotia in the soil. After deep tillage, a new application may be necessary to treat the sclerotia that may have been brought up from deeper in the soil.
- Contans can be applied with center pivot irrigation setups. Product tank needs agitation. Make sure the tank is clean of any Nitrogen fertilizer residue.
- Rate: **1lb in fall** makes a very effective lower cost treatment. Increase rate in the spring to **1½- 2lbs**, especially in very heavy pressure fields

Contans WG Use tips Do's and Don'ts

- **Do apply** Contans to the harvest residue of a susceptible crop before its fall tilled to get maximum contact with sclerotia bodies laying on soil surface.
- Mix Contans into spray tank and let agitate thoroughly before adding herbicides if tankmixing. If water is extremely cold, preslurrying can help product dissolve.
- Compatible with most pre herbicides or Roundup burndown applications. Spray out quickly and don't let tank mixes set overnite.
- More water and a fungicide type spray pattern will increase soil contact and efficacy.
- Contans needs to be in contact with moist soil to remain viable. Incorporate, rain or water in after application. Spraying, then land (rock) rolling will increase contact with soil to improve control when not incorporated after applying with pre herbicides
- **Don't apply** with 28% nitrogen or other fertilizer blends in the tank. Fertilizers will be detrimental to the fungal pathogen. Can't be impregnated onto fertilizer either.
- **Don't** store Contans in a warm warehouse over the summer. Use quickly and Store in a cool place until used. Buy what you can use within a few days
- **Call Jeff Pewitt 573-881-3053 for additional questions you may have.**