

# **CEREAL GRAINS (INCLUDING FORAGE AND SILAGE) - GRAIN SORGHUM**

## General Information

### PRODUCT INFORMATION

Spirato 480 FS is a fungicide for seed treatment use to control soil-borne and seed-borne organisms such as Aspergillus, Fusarium, Helminthosporium, Penicillium, and Rhizoctonia that cause seed decay, damping off, and seedling blights.

If a rate range is indicated in the product instructions below, use the higher rate when high disease pressure is anticipated based on conditions and experience for your area.

### MIXING INSTRUCTION

Mix thoroughly before use or use entire container at one time. All tank mixes should be pre-tested to determine physical compatibility between formulations.

Apply SPIRATO 480 FS as a water-based slurry using commercial slurry seed treatment equipment capable of providing uniform seed coverage. Uneven or incomplete seed coverage may limit disease control performance. Mix the specified amount of SPIRATO 480 FS with the specified amount of water for the slurry treater and dilution rate used. Follow manufacturer application specifications for the equipment being used. Maintain constant agitation during treatment. Dry seed before bagging.

Federal law requires that bags containing treated seed be labeled with the following information:

“This seed has been treated with fludioxonil fungicide. DO NOT use for feed, food, or oil purposes. Store away from feed and foodstuffs. Forage may not be grazed until 30 days after planting.”

Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

## USE RESTRICTIONS:

- Store treated seed away from food and feedstuffs.
- DO NOT allow children, pets or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.
- Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- DO NOT contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed package or containers in accordance with local requirements.

For seeds that are treated and bagged for later use the following must appear on the bag.

- This seed has been treated with fludioxonil seed treatment.
- DO NOT use treated seed for feed, food or oil purposes.

## SEED TREATMENT (EXPORT USE):

FOR TREATMENT OF THE SEED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH SPIRATO 480 FS AND SEBRING 318 FS\* BEFORE IMPORTATION.

User should verify actual registered rate in country of destination and/or use. Seed treated in accordance with the export use pattern must be labeled as follows:

TREATED SEED: FOR EXPORT ONLY – NOT FOR DOMESTIC SALE OR USE. TREATED WITH THE FUNGICIDE, FLUDIOXONIL.

## Limitations, Restrictions, and Exceptions

### CEREAL GRAINS (INCLUDING FORAGE AND SILAGE)

SPIRATO 480 FS contains 14.18 grams active ingredient per fl.oz.

Cereal forage may not be grazed until 30 days after planting

### GRAIN SORGHUM

Apply SPIRATO 480 FS in combination with SEBRING 318 FS\* for protection against

damping-off due to *Pythium* spp. at 0.375 to 0.75 fl. oz. of SEBRING 318 FS / 100 lb of seed tank mixed with specified rates of SPIRATO 480 FS.

For systemic downy mildew control on cultivars which possess sorghum downy mildew resistance, apply SEBRING 318 FS\* at 0.75 to 1.50 fl.oz. / 100 lb. of seed as a tank mix with specified rates of SPIRATO 480 FS. To those cultivars which do not possess resistance to a particular race of sorghum downy mildew in areas with recent history of severe disease, apply 1.50 to 3.00 fl.oz. / 100 lb of seed of SEBRING 318FS\* tank mixed with specified rates of SPIRATO 480 FS. Follow application and other instructions found on the SEBRING 318 FS\* label.

Method

[Seed Treatment](#)

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

Exception: If the seed is treated with the product and the treated seed is soil-injected or soil -incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[N.A.](#)