

SEED TREATMENT FOR SAFENING GRAIN SORGHUM

General Information

USE INFORMATION

MESH-40WP safens grain sorghum germination and emergence by specifically reducing seed and seedling injury caused by herbicide products containing the active ingredients metolachlor, s-metolachlor, acetochlor and dimethenamide, among others. Without treatment with MESH-40WP, grain sorghum may suffer significant injury from these herbicides.

COMPATIBILITY WITH FUNGICIDES AND INSECTICIDES

MESH-40WP is compatible with most labeled fungicide and insecticide seed treatment products. However, do not use MESH-40WP in combination with other seed treatment products unless compatibility has been verified. Always conduct a standard compatibility test before mixing commercial quantities of this product with another product, to assure that there is acceptable compatibility. If incompatibility is found, a compatibility agent must be used, and the drying time should be extended before bagging the treated seed. Read and carefully follow the label directions of each combination product. When using combinations of products, the most restrictive of label and precautions must be followed.

QUALITY CONTROL

To assure quality standards, treat a sample of each seed lot with MESH-40WP and check for germination and safening protection. Only those seed lots meeting acceptable seed company germination standards from these tests should be treated in large quantities.

GERMINATION AND VARIETAL DIFFERENCES

Germination of grain sorghum treated with MESH-40WP may be affected by genetic differences among varieties (endosperm lines), seed vigor, adverse growing conditions, or seed lots with seed coat damage. For best results, treat a sample of each commercial seed lot with MESH-40WP and check for germination. Herbicide protection can be checked by running a standard bioassay procedure in either a laboratory or greenhouse. Only those seed lots meeting acceptable germination standards from these tests should be treated in commercial quantities.

GERMINATION AND ENVIRONMENTAL DIFFERENCES

Optimum germination and emergence of grain sorghum occurs when the soil temperature at 1.5 to 2.0 inch planting depth is between 65° and 70°F. Planting too early or planting into cold/wet soils will delay emergence and subject the seed to additional stress. When cool soils persist prior to planting, we recommend that you use only those varieties that exhibit acceptable cold tolerance, to minimize possible germination reduction.

CARRY OVER SEED

Grain sorghum seed treated with MESH-40WP at the labeled rate may be carried over and planted the year following initial seed treatment provided that its germination is acceptable.

TREATED SEED LABELING

Grain sorghum seed treated with MESH-40WP may be tagged and sold only for planting, provided the following statement appears on the tag or container: "WARNING: TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES."

Limitations, Restrictions, and Exceptions

Seed treated at label rates can be carried over for planting into the next growing season without the need for an additional application of MESH-40WP.

Method

[Seed Treatment](#)

Timings

[N.A.](#)