



**DuPont Crop
Protection**

SUPPLEMENTAL LABELING

**DUPONT™ MATRIX® SG
HERBICIDE
FOR USE IN GRASS GROWN FOR
SEED IN THE STATES OF
OREGON AND WASHINGTON**

DUPONT™ MATRIX® SG Herbicide

EPA Reg. No. 352- 768

FOR USE IN GRASS GROWN FOR SEED IN THE STATES OF OREGON AND WASHINGTON

This supplemental labeling expires on April 30, 2021 and must not used or distributed after this date.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. DuPont™ MATRIX® SG must be used only in accordance with instructions on this label.

This labeling must be in the possession of the user at the time of application. Read the label affixed to the container for MATRIX® SG herbicide before applying. Use of MATRIX® SG according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for MATRIX® SG.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

APPLICATION INFORMATION

Use DuPont MATRIX® SG only in conjunction with carbon planted Perennial Ryegrass and Tall Fescue grown for seed. The activated carbon band over the seed row absorbs MATRIX® SG so that seedling grass germinating beneath the carbon band is protected from the herbicide. The protection provided by the carbon band is only as good as the width and integrity of the band. Heavy and/or persistent rains after planting can cause deterioration of the carbon band allowing MATRIX® SG to move into the grass root zone causing injury and/or stand loss. Standing water can also increase the risk of MATRIX® SG moving vertically through the carbon band or laterally beneath the band.

Variability in seedbed preparation, and unpredictable environmental conditions such as heavy rain can compromise the protection provided by the carbon band. Therefore, to the extent consistent with applicable law, the grower assumes all risks of crop injury and/or stand loss associated with the use of MATRIX® SG.

Apply MATRIX® SG with properly calibrated ground equipment with good mechanical or by-pass agitation. Only apply MATRIX® SG on early fall planted fields (see **Use Precautions** section) that have been prepared with a smooth, fine seedbed that is firmly packed prior to planting.

During the planting operation, apply activated carbon at the label directed rate as long as that rate is not lower than 300 lbs per acre. Apply the activated carbon in a band at least 1.0 inch wide centered over the seed row. Use a minimum spray volume of 40 gallons per acre to apply the activated carbon.

WEEDS CONTROLLED

In the area outside of the carbon band, MATRIX® SG will provide control of seedling annual bluegrass, annual and perennial ryegrass, volunteer wheat, and roughstock bluegrass. For a complete list of weeds controlled see the MATRIX® SG section 3 label on product packaging.

Note: Certain biotypes of diuron resistant annual bluegrass have shown reduced sensitivity to MATRIX® SG and may not be adequately controlled. Where these biotypes are known to exist, apply MATRIX® SG in a bank-mix with “Kerb” SC, a pronamide containing herbicide. Some biotypes of annual bluegrass that are resistant to other herbicides have also shown reduced sensitivity to MATRIX® SG. Where these biotypes are present, MATRIX® SG used alone will only provide suppression.

© 2018 E. I. du Pont de Nemours and Company, Chestnut Run Plaza, 974 Centre Road, Wilmington, Delaware 19805 U.S.A.

TANK MIXES WITH OTHER HERBICIDES

MATRIX® SG can be applied in a tank-mix with other pre-emergence herbicides, including “Kerb” SC or a diuron containing herbicides that are also registered for use in carbon planted grass grown for seed.

It is the pesticide user’s responsibility to ensure that all product are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

USE RATE

Apply MATRIX® SG at 3.0 ounces (0.0469 lb ai) per acre immediately (within 5 days) after carbon planting and prior to grass emergence. In areas where there are biotypes of annual bluegrass that are tolerant to MATRIX® SG, apply MATRIX® SG in a tank-mix with Kerb SC. Make application before grass emergence while the carbon band is still intact. Do not apply MATRIX® SG if heavy rainfall or overhead irrigation has caused dissipation of the carbon band. Best results are obtained when rainfall of 1/4 to 1/2 inch , or light, frequent irrigation occurs, within two weeks after MATRIX® SG is applied.

If MATRIX® SG is being used on fields that are sprinkler irrigated, best practice is to irrigate before planting to provide enough moisture for grass germination and then apply not more than 1/4 to 1/2 inch of water in the first irrigation after MATRIX® SG is applied.

CROP ROTATION

Where MATRIX® SG has been applied in the fall and stand loss has occurred over the winter; best practice is to wait until soil temperatures are warm enough to support rapid germination (usually mid to late March) before trying to replant grass in the spring.

Use Precautions

- Crop injury and/or stand loss can occur in treated areas that have standing water.
- Crop injury may occur in areas of fields where heavy residue from the previous crop makes it difficult to form a smooth, fine seed bed.
- Crop injury may occur in areas of spray overlap.
- Crop injury may occur if the carbon band is less than 1.0 inch wide.

Use Restrictions

- Do not apply more than 3 ounces (0.0469 lb ai) MATRIX® SG per acre per year.
- Do not make more than 1 application of MATRIX® SG per year.
- When a tank mix of MATRIX® SG and Kerb SC is applied, **do not** graze livestock in the treated fields or cut treated fields for forage or hay for livestock feed for 180 days following application.
- Do not apply MATRIX® SG through any type of irrigation system.
- Do not use MATRIX® SG if heavy rainfall and/or overhead irrigation has caused deterioration of the carbon band prior to application.
- Do not use MATRIX® SG on fields that routinely have large areas of standing water.
- After planting, prior to grass emergence, do not use Big Gun irrigation or other types of overhead irrigation that product large droplets that can displace the carbon band.
- Do not use MATRIX® SG on fields that have enough slope to cause surface runoff.
- To avoid herbicide injury related to late planted grass, do not apply MATRIX® SG to fields planted after October 31.
- Do not apply MATRIX® SG to fields with sandy or gravelly soil.

IMPORTANT

BEFORE USING DUPONT™ MATRIX® SG HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL.

This supplemental label contains new or supplemental instructions for use of the product which may not appear on the package label, and may contain directions which are not appropriate for all geographies and weed control situations. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

“Kerb” is a registered trademark of Dow AgroSciences LLC.