

352-556

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JAN 26 2005

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Richard J. Ambrose  
E.I. DuPont de Nemours & Company  
DuPont Crop Protection  
Stine-Haskell Research Center  
P. O. Box 30  
Newark, DE 19714-0030

Dear Mr. Ambrose:

Subject: DuPont Matrix Herbicide (Expand Use In Potatoes Grown for Seed to Include Entire State of Colorado)  
EPA Registration No. 352-556  
Application Dated November 3, 2004

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable. A stamped copy of labeling is enclosed for your records.

Supplemental labeling must be incorporated into a master label and copies of master labeling submitted to the Agency for our files at your next printing or within two (2) years from the date of acceptance of supplemental labeling, whichever comes first. The Agency will consider a convincing argument as to why a supplemental label should not appear on a master label on a case by case basis.

Sincerely,

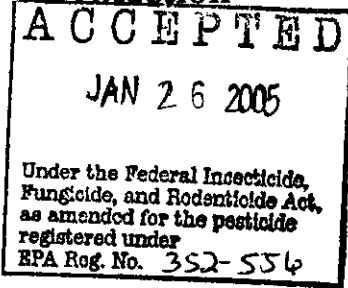
*Vickie K. Walters for*  
James A. Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505C)

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# SUPPLEMENTAL LABELING

**MATRIX® HERBICIDE  
DUPONT™ MATRIX® HERBICIDE  
FOR PREEMERGENCE AND  
POSTEMERGENCE WEED CONTROL IN  
POTATOES GROWN FOR SEED IN  
SELECTED AREAS**

**DuPont Crop  
Protection**



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**MATRIX® HERBICIDE**  
EPA REG. NO. 352-556  
**DUPONT™ MATRIX® HERBICIDE**  
EPA REG. NO. 352-556

**FOR PREEMERGENCE AND POSTEMERGENCE WEED CONTROL IN POTATOES GROWN FOR SEED IN THE STATES OF CALIFORNIA, IDAHO, OREGON, MONTANA, SOUTH DAKOTA, WASHINGTON, COLORADO, AND PARTS OF NORTH DAKOTA\*\***

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont™ MATRIX® Herbicide and MATRIX® Herbicide (MATRIX®) is a selective preemergence and postemergence herbicide recommended for control of grass and broadleaf weeds in potatoes in the states of California, Idaho, Oregon, Montana, South Dakota, Washington, Colorado, and parts of North Dakota\*\*.

## HOW TO USE

MATRIX® may be used on potatoes grown for seed that use field grown tubers as the planted seed piece, and are at least the progeny of the first field planting\*.

Apply MATRIX® by any of the following methods:

- Preemergence 1.5 oz per acre,
- Postemergence at 1.0 to 1.5 oz per acre,
- In a sequential application Preemergence at 1.0-1.5 oz per acre, followed by Postemergence at 1.0 oz per acre,
- Postemergence at 1.0 oz per acre followed by Postemergence at 1.0 oz per acre.

Do not exceed 2.5 oz per acre of MATRIX® during the same growing season.

To activate MATRIX® preemergence, supply moisture by a single rainfall event, or apply sprinkler irrigation of 1/3 to 1" (sandy soils apply at least 1/3", sandy loams apply at least 1/2", silt soils apply at least 3/4", clay soils apply at least 1"), within 5 days after application, to move MATRIX® 2" to 3" deep into the soil profile.

See MATRIX® label for additional details on tank mixtures, application methods, weeds controlled, rotational crop restrictions, and general precautions.

## Restrictions

- Do not apply to plants suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury.
- Do not use on potatoes grown for seed if these are grown from microtubers or transplants. Depending on geography, these may be referred to as Generation 1, Nuclear, Elite 1, or Pre-Elite.
- The rotational crop interval for Spring Barley is extended to 18 months due to the generally shorter growing seasons and different cultural practices in seed production areas.

## Precautions

- The rotational crop interval listed in the MATRIX® label may need to be extended to 18 months if seed potato production practices decrease water and/or time for Matrix® breakdown. Practices which may shorten the breakdown are late planting or less frequent irrigations as compared to commercial production practices. Potatoes can be planted at anytime.
- Consider informing your state seed certification agency or inspector that MATRIX® has been applied. Under growing conditions that promote crop stress (such as drought, frost, cold temperatures, high temperatures, or extreme temperature variations), temporary chlorosis (lime green color) may occur after application. These symptoms may appear similar to virus like symptoms (such as chlorosis, leaf crinkling, pinching of terminal leaflet) but will usually disappear within 5 to 15 days of application.

**IMPORTANT**

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

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label and may contain recommendations, which are not appropriate for all geographies and weed control situations. Consult local Dupont fact sheets, technical bulletins, and service policies prior to following the recommendations contained in this label.

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

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using MATRIX® product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

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\*first field planting utilizes laboratory tested stocks which may be tissue cultured plantlets, greenhouse produced microtubers, minitubers, stem cuttings, or line selections.

\*\*All counties in North Dakota except Pembina, Towner, Walsh, Grand Forks, Traill and Cass, which are covered in other supplemental labeling.

(Replaces H-645-11)

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