

Field Grown Tomatoes
(Except California)

DuPont™ Matrix®

herbicide

*A flexible step-up in tomato weed control ...
plus excellent crop tolerance*

DuPont™ Matrix® herbicide helps manage a broad spectrum of tough grass and broadleaf weeds — including *triazine-resistant lambsquarters, velvetleaf and pigweed* — with flexible sequential application options.

Excellent tomato tolerance

Matrix® has been extensively tested and commercially used with confidence on a wide range of tomato varieties. No varieties are known to be sensitive to Matrix®†. If crop response does occur, the symptoms are usually in the form of mild, temporary chlorosis (lighter shade of green) lasting only a few days. Crop yield and grade are not affected.

More breathing room

Versatile options for preemergence, postemergence and sequential applications to weeds and tomatoes allow more breathing room to get your herbicides applied in a timely manner.

† Tomato varieties may differ in their response to various herbicides. DuPont recommends that you first consult your state university or Extension agent as to sensitivity prior to using any new herbicide. If no information is available, limit the initial use to a small area.

Crop rotation options

Matrix® degrades quickly in the soil, allowing for flexible rotation to a wide range of crops, including dry beans, field and sweet corn, soybeans, cotton, winter wheat and tomatoes. See the Matrix® product label for specific crop rotation intervals. When tank mixing other products with Matrix® follow the most restrictive herbicide label for crop rotation options.

User friendly

With a low use rate of only 1.0 to 4.0 ounces per application, the small 15-ounce container treats 3.75 to 15 acres per container. And the dry flowable formulation means there is no offensive odor or staining.

Good stewardship

Matrix® works on a plant enzyme that is not found in fish, wildlife or humans. Once applied, Matrix® is unlikely to move into surface or ground water because of its rapid breakdown, soil-binding characteristics and moderate solubility in water. Matrix® leaves no detectable residues in tomato fruit when used according to the product labeling.



For more information

Contact your local DuPont crop protection retailer or DuPont representative for more information about Matrix® herbicide programs. And visit us on the Web at matrix.dupont.com.

**Weeds controlled or suppressed* preemergence¹
at 2 ounces of DuPont™ Matrix® per acre**

Grasses	Broadleaf weeds
Barnyardgrass Crabgrass* Foxtail: giant, green, yellow Oat, wild* Wheat, volunteer	Cocklebur* Henbit Lambsquarters, common* Mustard, black Pigweed: prostrate*, redroot, smooth Purslane, common Ragweed, common* Velvetleaf*

**Weeds controlled or suppressed* postemergence² at
1 to 2 ounces of Matrix® per acre + surfactant³**

Grasses	Broadleaf weeds and sedges
Barnyardgrass Bluegrass, annual Crabgrass, large Foxtail: bristly, giant, green, yellow Johnsongrass* Millet, proso* Oat, wild* Panicum, fall Quackgrass* Wheat, volunteer	Chickweed, common Cocklebur* Henbit Lambsquarters, common* Morningglory, ivyleaf* Mustard, wild Nightshade ^{4,5} (black, cotyledon stage only) Nightshade, hairy* Nutsedge, yellow* Pigweed: redroot, smooth Purslane, common Radish, wild Ragweed, common* Shepherd's-purse Smartweed, Pennsylvania* Thistle, Canada* Velvetleaf*

* Weed suppression is a reduction in weed competition (reduced population and/or vigor) as visually compared to an untreated area. The degree of suppression varies with the rate used, the size of the weeds and the environmental conditions following treatment.

¹ Preemergence control and optimum postemergence control requires adequate and timely moisture activation. See product label for activation requirements. If any weeds are present at applications prior to crop emergence, use a surfactant at a minimum rate of 0.5 percent v/v (4 pints per 100 gallons of water).

² Optimum postemergence control is obtained when Matrix® is applied to small (less than 1 inch tall or across) actively growing weeds.

³ Non-ionic surfactant recommended: Use a minimum rate of 0.25 percent v/v (2 pints per 100 gallons of water) non-ionic surfactant of 80 percent or higher ai. The use of crop oil concentrate, methylated seed oils, nitrogen fertilizer solution or non-ionic surfactant rates above 0.25 percent v/v may result in temporary crop chlorosis (lime green color).

⁴ Nightshade, eastern black is NOT controlled.

⁵ For best results, apply Matrix® preemergence at 2 ounces per acre followed by a postemergence application at 1 to 2 ounces per acre to small actively growing nightshade.

Split applications

To maximize control under heavy weed pressure and where multiple flushes of seedling or perennial problem weeds are expected, apply sequential applications of Matrix®. Do not exceed 4 ounces of product per acre per year.

Application equipment

Apply Matrix® only by ground with properly calibrated sprayer equipment.

Label instructions

Always read and follow the Matrix® label and the labels for companion products used. Always follow the most restrictive label for directions and precautions of use when tank mixing other products with Matrix®.

Pay special attention to instructions for sprayer tank cleanout and avoiding spray drift.

This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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