

# PRODUCT INFORMATION SUPPLEMENTAL LABEL FOR USE IN THE STATE OF MICHIGAN.

**This label must be in the possession of the end user at the time of application.  
Read the label attached to the container of Spartan Herbicide for precautionary statements and additional directions for use.**



## 4F Herbicide

### For Agricultural or Commercial Use Only

EPA Reg. No. 279-3220

<b>Active Ingredient:</b>	<b>By Wt.</b>
Sulfentrazone* .....	39.6%
<b>Inert Ingredients:</b> .....	60.4%
	100.0%

\* N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide

Contains 4 pounds of active ingredient per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. All applicable directions, restrictions and precautions on the EPA registered label are to be followed.**

Before using Spartan 4F as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the label or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label.



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

Spartan 4F\_sup\_MI\_04-04-2005 Rev

## VEGETABLE CROPS

Before applying Spartan 4F to vegetable crops, users, producers, and/or applicators must read and follow the information presented in the Vegetable Disclaimer found under the TERMS OF SALE OR USE section at the end of this label.

### ASPARAGUS

Table 15

Spartan 4F Use Rate Table (Asparagus)			
Spring Preemergence Applications			
Broadcast Rate	Ounces Spartan 4F per acre		
	Soil Texture		
% Organic Matter	Coarse	Medium	Fine
<1	4.5 – 6.0	6.0 – 8.0	8.0
1-3	6.0 – 8.0	8.0 – 10.1	10.1
>3	8.0 – 10.1	10.1 – 12.0	12.0

Refer to the use rate information on soil types under the COARSE, MEDIUM, and FINE categories.  
Use higher rates for soils of pH less than 7.0 and lower rates for pH greater than 7.0 within the rate range.

Apply Spartan 4F as a broadcast treatment to crowns established for one or more years.

Apply in the spring before the crop and weeds emerge. Spartan 4F should be applied at 4.5 to 12 ounces (0.141 to 0.375 pound active) per acre in 10 to 40 gallons of finished spray per acre. Spartan 4F may be applied with other pesticides registered for use with asparagus.

**When Applied according to directions, Spartan 4F will provide control of these key weeds:**

Yellow Nutsedge	Common Lambsquarter
Palmer Amaranth	Ivyleaf Morningglory
Redroot Pigweed	Hairy Galinsoga
Smooth Pigweed	
Eastern Black Nightshade	

For information on other weeds not listed above, refer to Weed Controlled section on section 3 label.

**Precautions**

These Crop Specific Use directions are based upon the interactive effects of Spartan 4F (sulfentrazone) and the primary soil and environmental factors, which affect its activity on various weed species and tolerance among crops. The user is required to observe the instructions and guidance previously presented under General Application Instructions, General Spartan 4F Product Use Rates, Rotational Crop Guidelines, Replanting Instructions, Weed Controlled and any other section of the section 3 label pertinent to the anticipated crop use. It is important to note that not all varieties or cultivars of a given crop species have been evaluated under treatment with Spartan 4F. Consult university or extension weed management specialists for additional information on specific local varieties or cultivars and any other pertinent information on Spartan 4F under specific local conditions.

**Restrictions**

- Do not apply within 14 days prior to harvest.**
- Do not apply more than 12.0 ounces (0.375 pound active) per acre per 12-month period.
- Do not make more than one Spartan 4F application per acre per 12-month period. The twelve-month period is considered to begin upon the initial Spartan application.
- Do not apply to soils classified as sand containing less than 1% organic matter.

## **Dealers Should Sell in Original Packages Only.**

### **Conditions of Sale and Limitation of Warranty and Liability:**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and, to the extent consistent with applicable law, buyer assumes the risk of any such use.**

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

## **Vegetable Disclaimer**

**FMC Corporation intends to offer this product only to those end users and/or growers who have liability and indemnification agreements with FMC Corporation for failure to perform and crop damage from use of Spartan 4F on Asparagus. If, after purchasing the product, the release of liability and indemnification is unacceptable to the user/grower, FMC Corporation requests that the user/grower return Spartan 4F to the place of purchase at once unopened.**

**This product when used on Asparagus may lead to crop injury, loss, or damage. FMC Corporation recommends that the user and/or grower test product in order to determine its suitability for such intended use. FMC Corporation makes the product available to the user and/or grower solely to the extent the benefit and utility, in the sole opinion of the user and/or grower, outweigh the extent of potential injury associated with the use of this product. The decision to use or not to use this herbicide must be made by each individual user/grower on the basis of possible crop injury from Spartan 4F, the severity of weed infestation, the cost of alternative weed controls and other factors, because of the risk of crop damage all such use is at the user's and/or grower's risk.**

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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