



EPA SLN No.: MA-200001

24(c) Special Local Need  
Label For Control of Haircap  
Moss in Cranberry

FOR DISTRIBUTION AND USE  
ONLY IN MASSACHUSETTS

EPA Reg. No. 279-3220

This label for Spartan 4F Herbicide expires and must not be distributed or used in accordance with this SLN registration after December 31, 2024.

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 MUST BE FOLLOWED.

THESE USE DIRECTIONS MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

## CRANBERRY

### Application Information

#### Application Timing: Dormant Spring Application

SPARTAN 4F herbicide can be applied after removal of winter flood and prior to cranberry plants breaking dormancy for control of haircap moss and other susceptible weed species. For preemergence control of susceptible weeds, apply Spartan 4F at 8 to 12 fl. oz./A before cranberry bud scales begin to loosen, or stunting may occur.

#### Application Methods

**Chemigation Application:** Spartan 4f herbicide may be applied via injection through sprinkler chemigation systems. **Spartan4F is active in the soil.** Best results are obtained when the soil is moist at the time of application. Additional irrigation may be applied after injection if needed.

**Broadcast Boom Application:** Spartan 4F herbicide may be applied by traditional boom application at broadcast rates listed above using a minimum of 15 GPA carrier volume. After application, run sprinkler irrigation and apply 0.1 – 0.25” of water volume per acre to remove Spartan 4F herbicide from the foliage and provide soil incorporation.

#### Precautions

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 the use of Spartan 4F on Cranberry. If, after purchasing the product, the release of liability and indemnification is unacceptable to the user and/or grower, FMC Corporation requests that the user and/or grower return ZEUS XC to the place of purchase at once, unopened.

This product when used on Cranberry 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 sole opinion of the user and/or grower, outweigh the extent of potential injury



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associated with the use of this product. The decision to use or not to use this herbicide must be made by each individual user and/or 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.

- Application to cranberry plants at the cabbage head growth stage has shown limited phytotoxicity, usually temporary, in the form of stunting.

These Crop Specific Use directions are based upon the interactive effects of SPARTAN 4F 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, Rotational Crop Guidelines, Replanting Instructions, Liability Disclaimer and any other section listed in the Spartan 4F 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**

- To minimize risk of injury, applications should be made when the buds are dormant (bud scales tight). Risk of injury increases as bud development progresses. Do not apply any later than cabbage head stage.
- Do not apply more than 12.0 fl. oz/A of SPARTAN 4F herbicide per crop year.
- Do not apply more than 0.375 lb. ai/A sulfentrazone per year.
- Do not apply additional sulfentrazone containing products to cranberry if SPARTAN 4F herbicide has been previously applied within the same twelve-month period.
- Do not apply to frozen soils or to existing snow cover to prevent SPARTAN 4F herbicide runoff from rain or snow melt that may occur following application.

### **MANUFACTURER'S CONDITIONS AND RISK OF USE**

**NOTICE:** This 24(c) label will only be utilized by growers located in the Commonwealth of Massachusetts. **SUCH GROWER USERS AGREE FMC CORPORATION WILL NOT BE HELD RESPONSIBLE FOR FAILURE TO PERFORM AND/OR CROP RESPONSE AND OR YIELD LOSSES RESULTING FROM THE USE OF SPARTAN 4F HERBICIDE IN CRANBERRY.** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability on the commercial Spartan 4F Herbicide Section 3 label and this 24(c) label 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 shall be followed carefully.

**USE OF SPARTAN 4F HERBICIDE ON CRANBERRY IN ACCORDANCE WITH THIS LABELING MAY RESULT IN FAILURE TO PERFORM, CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SECTION 24(C) REGISTRATION BEFORE USING THIS PRODUCT ON THE CROP. 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 for use in the manner described in this Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of failure to perform, Crop injury, Crop yield reduction and/or Crop loss. The decision to use the Product in the manner described in the Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of failure to perform, Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors.



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**By purchasing the Product for use, or using the Product, in the manner described in this Labeling, you acknowledge and accept that, to the extent consistent with applicable law:**

- (1) You assume all risk of failure to perform, Crop injury, Crop yield reduction and Crop loss;
- (2) FMC Corporation does not make, and does not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Labeling;
- (3) FMC Corporation does not make, and does not authorize any agent or representative to make, any warranties, expressed or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty;
- (4) FMC Corporation disclaims all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to failure to perform, Crop injury, Crop yield reductions and/or Crop loss, including without limitation incidental, consequential or special damages;
- (5) These Conditions and Risks of Use for 24(c) label registration supersede any contrary representations or recommendations by FMC Corporation, its agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

**If these Conditions and Risk of Use for this 24(c) Registration are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.**

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