



**FIFRA Section 24(c) Special  
Local Need Label**

**EPA Reg. No. 279-3220  
EPA SLN No.: OR-220005**

**FOR DISTRIBUTION AND USE  
ONLY IN THE STATE OF  
OREGON**

## FOR CONTROL OF HAIRCAP MOSS AND SUSCEPTIBLE WEEDS IN CRANBERRIES

This label for Zeus XC Herbicide is valid until December 31, 2027 or until otherwise amended, withdrawn, cancelled, or suspended.

---

**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.**

**Active Ingredient:**  
 Sulfentrazone: .....39.6%  
**Other Ingredients:** .....60.4%

Contains 4 lbs of active ingredient per gallon.

**Environmental Hazards**

This pesticide is toxic to marine/estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Groundwater advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. **Do not use on coarse soils classified as sand, which have less than 1% organic matter.**

Surface water advisory: Sulfentrazone can contaminate surface water through spray drift. Under some conditions, Sulfentrazone may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters.

## **DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This SLN label and the main EPA-registered label must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements and precautions on this SLN label and the main EPA-registered label.

### **Application Information**

#### **Application Timing: Dormant Spring Application**

ZEUS<sup>®</sup> XC 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 Zeus XC at 8 to 12 fl. oz./A before cranberry bud scales begin to loosen, or stunting may occur.

#### **Application Methods**

**Chemigation Application:** Zeus XC herbicide may be applied via injection through sprinkler chemigation systems. **Zeus XC 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. Follow all applicable directions, precautions, and restrictions in the Chemigation Application section of the label affixed to the container of Zeus XC.

**Broadcast Boom Application:** Zeus XC 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 Zeus XC herbicide from the foliage and provide soil incorporation.

### **Precautions**

- 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 ZEUS XC 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 Rotational Crop Guidelines, Crop Rotational Restrictions, Conditions of Sale and Limitations of Warranty and Liability, and any other section on the label affixed to the container of Zeus XC 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 ZEUS XC. Consult university or extension weed management specialists for additional information on specific local varieties or cultivars and any other pertinent information on ZEUS XC 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 ZEUS XC herbicide per year.
- Do not apply more than 0.375 lb ai/A sulfentrazone per year.
- Do not apply more than once per year.
- Pre-harvest Interval (PHI): 3 days.
- Do not apply additional sulfentrazone containing products to cranberry if ZEUS XC herbicide has been previously applied within the same twelve-month period.
- Do not apply to frozen soils or to existing snow cover to prevent ZEUS XC 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 state of Oregon. **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 ZEUS XC HERBICIDE IN CRANBERRY.** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability on the label affixed to the container of Zeus XC Herbicide and this SLN 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 ZEUS XC 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 Special Local Need (SLN) 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 this SLN 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.

**By purchasing the Product for use, or using the Product, in the manner described in this SLN 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 of fitness for a particular purpose or merchantability;
- (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 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 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. These Conditions and Risks of Uses are required by FMC Corporation and not specified by the U.S. EPA or the State of Oregon.**

### **Section 24(c) Registrant:**

**FMC Corporation**

2929 Walnut Street

Philadelphia Pennsylvania 19104

FMC, the FMC logo and Zeus are trademarks of FMC Corporation or an affiliate.

©2022 FMC Corporation All Rights Reserved

Label code R-4671 032822 03-30-22