

# 24(c) LABEL FOR USE ON DRY BEANS



## FOR DISTRIBUTION AND USE ONLY IN MINNESOTA

IT'S A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH IT LABELING. ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED SPARTAN CHARGE LABEL (EPA REG. NO. 279-3337) MUST BE FOLLOWED. THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT TIME OF APPLICATION.

**For Use Only by Individuals/Firms Certified  
As Licensed Pesticide Applicators**

**EPA Reg. No. 279-3337  
EPA SLN No. MN-100003**

* Active Ingredient:	By Wt.
Carfentrazone-ethyl* .....	3.53%
Sulfentrazone** .....	31.77%
Other Ingredients: .....	64.70%
<b>Total:</b>	<b>100.0%</b>

\*SPARTAN CHARGE Herbicide contains 0.35 pounds per US gallon of the active ingredient Carfentrazone-ethyl.  
\*\* SPARTAN CHARGE Herbicide contains 3.15 pounds per US gallon of the active ingredient Sulfentrazone.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FMC**  
FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia PA 19103

### Environmental Hazards

This pesticide is toxic to algae, marine/estuarine invertebrates, and moderately toxic to fish. 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

This product can contaminate surface water through spray drift. Under some conditions, this product 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 overlying tile drainage systems that drain to surface waters.

### DRY SHELLLED BEANS

Table 1

<b>Spartan Charge Use Rate Table (Dry Shelled Beans)</b>					
Early Pre-Plant and Preemergence Applications					
Broadcast Rate	Ounces Spartan Charge per acre				
	Soil Texture				
% Organic Matter	<u>Coarse</u>	<u>Medium</u> pH >7.0	<u>Medium</u> pH <7.0	<u>Fine</u> pH >7.0	<u>Fine</u> pH <7.0
1.6 - 3.0 %	Do not use	3.75	5.0	5.0	5.75
3.0+ %	Do not use	5.0	5.75	5.75	5.75
Refer to the Spartan Charge section 3 label for information on soil types under the COARSE, MEDIUM, and FINE categories					
<b>Do not use on coarse soils.</b>					
<b>Do not use on soils with less than 1.5% organic matter</b>					

## Early Preplant, and Preemergence (Spring Applications)

Apply SPARTAN CHARGE alone as an early preplant prior to planting or preemergence treatment up to planting dry field bean for preemergence control of susceptible broadleaf weeds using rates recommended. Properly closed seed furrows are required when applying at planting time or before seed germination. When planting into soil treated preplant with SPARTAN CHARGE, minimize soil disturbance to maintain the herbicide barrier on the soil surface to achieve maximum weed control.

**Application Information:** Apply a minimum of 10 gallons by ground and a minimum of 5 gallons by air of finished spray solution per acre. When mixing with glyphosate use Ammonium sulfate (AMS) or other high quality water conditioning agents. When applying alone use an MSO or COC adjuvant for additional preplant burndown of susceptible small broadleaf weeds. Refer to the section 3 Spartan Charge label for more information.

## Spartan Charge – Weed Control

Spartan Charge provides some control or suppression of emerged weeds when applied prior to planting. Optimum broad-spectrum post-emergent control of emerged weeds requires a tank mix with a broad-spectrum burndown herbicide such as glyphosate. When tank mixing SPARTAN CHARGE with other products be sure the SPARTAN CHARGE is added to the spray tank water first.

For no-till dry bean production thorough coverage is essential for control of emerged broadleaf weeds. If thorough coverage is not achieved, control of the small 2-4" emerged labeled weeds will be poor. It is recommended that for broad-spectrum control of susceptible weeds, a tank-mix of a broad-spectrum burndown herbicide such as glyphosate be used.

If adequate moisture (1/2" to 1" of rainfall or irrigation) is not received within 7 to 10 days and also if dry conditions persist throughout the growing season, erratic preemergence weed control may result. Additional moisture is needed throughout the growing season to maintain herbicide activity and prevent weed escapes.

**When used as directed, SPARTAN CHARGE will provide preemergence control of the following weeds:**

Kochia (ALS and Triazine Resistant)  
Nightshade, Eastern black

### Partial control only:

Waterhemp

## 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 CHARGE on Dry Shelled Beans. 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 SPARTAN CHARGE to the place of purchase at once, unopened.

This product when used Dry Shelled Beans 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 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 CHARGE, 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.

**Inadequate seed furrow closure or shallow planting (less than 1.0 inch) may result in undesirable crop response. As expected, poor**

**growing conditions such as excessive moisture, low temperatures, soil compaction and diseases may also cause undesirable crop response.**

These Crop Specific Use directions are based upon the interactive effects of SPARTAN CHARGE 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 and any other section listed in the Spartan Charge 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 CHARGE. Consult university or extension weed management specialists for additional information on specific local varieties or cultivars and any other pertinent information on SPARTAN CHARGE under specific local conditions.

## Restrictions

Do not apply SPARTAN CHARGE Herbicide after crop emergence, if the seedling is close to the soil surface, or the seed furrow is not closed properly as undesirable crop response may occur.

Do not apply more than 7.75 fluid ounces per acre per twelve-month period. The twelve-month period is considered to begin upon the initial SPARTAN CHARGE application.

**Do not use on coarse soils classified as sand, which have less than 1.5% organic matter and soil pH greater than 7.0.**

Do not irrigate when dry bean seedlings are close to emerging or cracking the soil surface

Do not apply to frozen soils or to existing snow cover to prevent SPARTAN CHARGE runoff from rain or snow melt that may occur following application.

**MINNESOTA DEPARTMENT OF AGRICULTURE MUST BE NOTIFIED OF ANY ADVERSE EFFECTS, WHICH MAY RESULT FROM THE USE OF THIS PRODUCT.**

## MANUFACTURER'S CONDITIONS AND RISK OF USE FOR FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT (FIFRA) SECTION 24(c) REGISTRATION

**NOTICE:** This Section 24(c) label will only be utilized by growers located in the State of Minnesota. **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 CHARGE HERBICIDE AS A PRE-EMERGE TREATMENT TO DRY SHELLED BEANS.** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability on the commercial Spartan Charge 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.

**These Conditions and Risks of Use for FIFRA Section 24(c) Registration are required by FMC Corporation.**

**USE OF SPARTAN CHARGE HERBICIDE ON DRY SHELLED BEANS 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 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.

**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 Section 24(c) 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 FIFRA Section 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.**

This Conditions and Risk of Use for Federal Insecticide Fungicide and Rodenticide Act (FIFRA) Section 24(C) Registration may not be amended by any oral or written agreement.

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