



Bayer CropScience LP  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
1-866-99BAYER (1-866-992-2937)  
<http://www.bayercropscienceus.com>

DEFINE™ SC Herbicide  
For Winter Wheat and Triticale Only  
EPA Reg. No. 264-819  
  
SLN. No. OR-070030

## *24(c) Supplemental Label*

### FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This 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 the EPA registered label.

**THIS LABEL IS VALID UNTIL DECEMBER 31, 2012 OR UNTIL OTHERWISE AMENDED, WITHDRAWN, CANCELED, OR SUSPENDED.**

# DEFINE™ SC Herbicide

**ACTIVE INGREDIENT:**

Flufenacet

*N*-(4-Fluorophenyl)-*N*-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]-oxy]acetamide..... 41.0%

**INERT INGREDIENTS:** ..... 59.0%

100.0%

**STOP - Read the label before use  
Keep out of reach of children**

## CAUTION

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

**DEFINE™ SC** is recommended for control of certain annual grasses and broadleaf weeds when applied early postemergence on winter wheat and triticale. Define™ SC may be applied either alone, or in tankmix combinations with and /or sequentially with the registered herbicides.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters or rinsate.

Do not allow sprays to drift onto adjacent desirable plants.

**Ground Water:** Flufenacet is known to leach through soil into ground water under certain conditions as a result of use directions. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

**Surface Water:** Flufenacet residues can contaminate surface water through spray drift. Under some conditions, they also have high potential for runoff into surface water (primarily via dissolution in runoff water or erosion), for several to many months post-application. These include poorly drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow ground water, 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.

**Special Precautions and Restrictions:**

1. Apply by ground application only.
2. Do not apply this product through any type of irrigation equipment.
3. Not all available winter wheat and triticale varieties and hybrids may have been tested for tolerance. If a variety or hybrid is not listed (especially newly released varieties), treat only a small area until tolerance is established before treating large acreages.
4. Weed control may be reduced if excessive straw from the previous crop is present at Define SC application. If excessive straw is present, uniformly spread the straw across the field, and/or remove/burn the straw prior to application.
5. Do not apply more than 10.75 fluid ounces of Define SC per acre on wheat and triticale per use season.
6. Do not apply in tank mixtures with crop oil concentrates (COC), vegetable and/or petroleum oils as crop injury may result.
7. Do not use on soils with less than 1.0% organic matter, or on soils with pH greater than 7.5.
8. Do not use on clay knobs or poorly covered subsoils.
9. Do not tank mix Define SC with Diuron or Karmex.
10. Define SC may be tank-mixed with metribuzin, however sequential applications of metribuzin must be separated by a minimum of four weeks.
11. Do not allow animals to graze treated fields for a minimum of 30 days following application.
12. Do not make more than one application per use season.
13. Do not apply this product by air.

**WEED SPECIES CONTROLLED BY DEFINE™ SC:**

Define SC applied early postemergence at specified rates will control many important annual grass and broadleaf weeds:

<b>POSTEMERGENCE BURNDOWN WEED CONTROL BY DEFINE™ SC</b>	
<b>ANNUAL GRASSES</b>	<b>ANNUAL BROADLEAF WEEDS</b>
Bluegrass, annual ( <i>Poa annua</i> ) Brome, soft ( <i>Bromus mollis</i> ) Bromegrass, California ( <i>Bromus carinatus</i> ) Canarygrass, hood ( <i>Phalaris paradoxa</i> ) Fescue, rattail ( <i>Vulpia myuros</i> )	Chickweed, mouseear ( <i>Cerastium vulgatum</i> ) Falseflax, smallseed ( <i>Camelina microcarpa</i> ) Fiddleneck, coast ( <i>Amsinckia intermedia</i> ) Fiddleneck, tarweed ( <i>Amsinckia lycopsoides</i> ) Henbit ( <i>Lamium amplexicaule</i> ) Mustard, blue ( <i>Chorispora tenella</i> ) Radish, wild ( <i>Raphanus raphanistrum</i> )

**WEED SPECIES SUPPRESSED BY DEFINE™ SC:**

Define SC herbicide applied early postemergence at specified rates will suppress many important annual grass and broadleaf weeds:

POSTEMERGENCE BURNDOWN WEED SUPPRESSION BY DEFINE™ SC	
ANNUAL GRASSES	ANNUAL BROADLEAF WEEDS
Barley, foxtail ( <i>Hordeum jubatum</i> ) Blackgrass ( <i>Alopecurus myosuroides</i> ) Brome, downy ( <i>Bromus tectorum</i> ) Brome, ripgut ( <i>Bromus rigidus</i> ) Crabgrass, Large ( <i>Digitaria sanguinalis</i> ) Foxtail, spp. ( <i>Setaria</i> spp.) Oats, wild ( <i>Avena fatua</i> ) Ryegrass, annual ( <i>Lolium multiflorum</i> ) Windgrass ( <i>Apera spica-venti</i> )	Chickweed, common ( <i>Stellaria media</i> ) Lambsquarters, common ( <i>Chenopodium album</i> ) Mustard, tumble ( <i>Sisymbrium altissimum</i> ) Pigweed spp. ( <i>Amaranthus</i> spp.) Shepherdspurse ( <i>Capsella bursa-pastoris</i> )
Weed suppression indicates that weed control may vary from poor to excellent depending on soil characteristics, stage of growth at application and environmental conditions at and following application. For maximum control, apply at the highest specified rate. Weed suppression appears as a reduction in weed size and growth as compared to a non-treated area in the same field.	

**DEFINE™ SC USE RATES**

Define SC use rates and application timings are listed in the following table:

DEFINE™ SC IN WINTER WHEAT AND TRITICALE		
AXIOM SC Broadcast Rates Per Acre		APPLICATION TIMINGS AND REMARKS
<b>Soil Texture</b>	<b>Rate (Fluid Ounces per acre)</b>	Apply specified rate per acre as a uniform broadcast spray using 5 or more gallons of spray carrier per acre as a ground application. Application timings are from spike to the 3 leaf growth stage of winter and triticale (Early Postemergence).  For best control of weeds, 1) plant wheat and triticale after the first flush of weeds has emerged and was destroyed by tillage or in no-till winter wheat and triticale, apply a nonselective herbicide to control emerged weeds at or prior to planting 2) make Define SC applications prior to the 1-leaf stage of the weeds and 3) use the highest specified rate.
Coarse	4.3 – 6.5	
Medium / Fine	6.5 – 10.75	

## **DEFINE™ SC and SENCOR IN WINTER WHEAT AND TRITICALE**

Define SC does not contain metribuzin which is the active ingredient in SENCOR. Define SC may be tank-mixed with SENCOR but do not exceed a total of more than the equivalent amount of metribuzin active ingredient specified on the SENCOR label for the soil type and crop stage at application.

For sequential applications of Define SC and SENCOR, do not exceed a total of 0.5 pounds active ingredient (or the equivalent of 10 2/3 oz SENCOR 75 SC product) per acre per year of metribuzin. Allow a minimum of 21 days between sequential applications of Define SC and SENCOR if wheat and triticale is actively growing, or 45 days between applications if wheat and triticale has entered dormancy, or is stressed by frost, disease, insects, drought, excessive moisture, or any other factor.

Refer to the individual product labels for detailed explanations on use rates, directions and special precautions/restrictions.

## **DEFINE™ SC USE IN TANK MIXTURES AND/OR SEQUENTIAL APPLICATIONS**

If a broader spectrum of weed control is desired, Define SC may be tank mixed with and/or applied sequentially with any other herbicides which are registered for use in winter wheat and triticale unless specifically prohibited by the label of the tank mix or sequentially-applied product. Three-way or multiple tank mixtures are permitted unless restricted by the product label. Use of crop oil concentrates, vegetable oils and/or petroleum oils are not recommended as crop injury may occur. Refer to the individual product labels for specified use rates, precautions and/or restrictions. Always follow the most restrictive label.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

or

Visit our worldwide web site at *[www.bayercropscienceus.com](http://www.bayercropscienceus.com)*

*As with any crop-protection product, always read and follow label directions.  
For additional information call toll-free 1-866-99BAYER (1-866-992-2937).*

DEFINE is a trademark of Bayer.