

5481-524

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

SEP 15 2011

Kaila Moran  
Amvac Chemical Corp.  
4695 MacArthur Court, Suite 1250  
Newport Beach, CA 92660

Dear Ms. Moran:

Subject: Revised Two Supplemental Labels  
Impact Herbicide  
EPA Registration No. 5481-524  
Your Submissions Dated June 15 and August 23, 2011

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Enclosure

# AMVAC™ AGRICULTURAL BULLETIN

**IMPACT® Herbicide**  
EPA REG. NO. 5481-524  
**SUPPLEMENTAL USE  
DIRECTIONS**  
*For postemergence weed control  
in corn*

## SUPPLEMENTAL USE DIRECTIONS

### ONLY FOR ROTATION OF DRY BEAN, GREEN BEAN and SUGARBEET

#### 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 APPLICATION.**

Before applying IMPACT herbicide, please read the complete label affixed to the product container. All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Use of IMPACT according to this supplemental labeling is subject to the use precautions and limitations imposed by the label on the container.

**IMPORTANT: Read the entire Directions for Use and the Limited Warranty and Disclaimer on the EPA-registered label for IMPACT Herbicide before using this product.**

For use in FIELD CORN (grown for grain, silage or seed), POPCORN and SWEET CORN

### ONLY FOR ROTATION OF DRY BEAN, GREEN BEAN and SUGARBEET

IMPACT herbicide may be applied at the rate of 0.5 to 0.75 fluid ounce per acre. When applied as directed at the postemergence broadcast rate of 0.75 fluid ounce per acre IMPACT will control broadleaf and grass weeds as listed in the container label use directions. When applied as directed at the reduced postemergence broadcast rate of 0.5 fluid ounce per acre, IMPACT will control or suppress the broadleaf weeds listed in Table 1. For best performance it is recommended that this rate of IMPACT be used sequentially or tank mixed with other herbicide(s) for increased soil residual control or increased spectrum of weed species controlled.

#### **Dry Bean, Green Bean and Sugarbeet Rotational Cropping Guidelines**

**Dry Bean:** When IMPACT is uniformly broadcast applied at 0.75 fluid ounce per acre, dry bean (excluding cranberry bean) may be planted back into treated area at nine or more months after application except in the states of CO, MI, MN, MT, NE (Counties in Panhandle), ND, SD, WI and WY. When IMPACT is uniformly broadcast applied at 0.5 fluid ounce per acre, dry bean (excluding cranberry bean) may be planted back into treated area at nine or more months after application in all geography, including the states restricted at 0.75 fluid ounce per acre,

**Green Bean:** When IMPACT is uniformly broadcast applied at 0.75 fluid ounce per acre, green bean (including green bean grown for seed) may be planted back into treated area at nine or more months after application except in the states of CO, ID, MI, MN, MT, NE (Counties in Panhandle), ND, OR (East of Cascade Mountains), SD, UT, WA (East of Cascade Mountains), WI and WY. When IMPACT is uniformly broadcast applied at 0.5 fluid ounce per acre, green bean (including green bean grown for seed) may be planted back into treated area at nine or more months after application except in the states of ID, OR (East of Cascade Mountains), UT, and WA (East of Cascade Mountains).

**Sugarbeet:** When IMPACT is uniformly broadcast applied at 0.5 to 0.75 fluid ounce per acre, sugarbeet may be planted back into treated area at nine or more months after application except in the states of CO, MI, MN, MT, NE (Counties in Panhandle), ND, SD, WI and WY.

If furrow irrigation is used in these designated areas in the IMPACT treated corn crop, following harvest soil in the furrowed field must be thoroughly mixed and leveled in the fall prior to spring planting of dry bean or green bean.

**NOTE:** This label's rotational guidelines supersede the rotational crop statement on the container label. Normal growth of dry bean, green bean or sugarbeet is expected following use of **IMPACT** in the previous season; however, varied environmental and agronomic factors make it impossible to eliminate all risks of possible crop injury.

**Table 1. Broadleaf Weed List, Including ALS<sup>1</sup>, glyphosate and Triazine-Resistant Biotypes. IMPACT applied postemergence at 0.5 fluid ounce per acre will provide control or suppression of the following broadleaf weeds:**

Annual Broadleaf Weeds	Maximum Size (Inches) <sup>2</sup>	Annual Broadleaf Weeds	Maximum Size (Inches) <sup>2</sup>
Amaranth, Palmer	4	Pigweed, Redroot	4
Amaranth, Powell	4	Pigweed, Smooth	4
Burcucumber	4	Pigweed, Tumble	2
Carpetweed	4	Pigweed, Tumble	2
Chickweed, Common	2	Prickly Lettuce	2
Cocklebur, Common	5	Pusley, Florida	2
Galinsoga, Hairy	4	Ragweed, Common	4
Henbit	3	Ragweed, Giant	5
Horseweed (Marestail)	4	Shepardspurse	2
Jimsonweed	4	Sida, Prickly	2
Kochia	4	Smartweed, Ladysthumb	2
Lambsquarters, Common	4	Smartweed, Pennsylvania	2
Mallow, Common	2	Sunflower, Volunteer	5
Mallow, Venice	2 <sup>3</sup>	Sunflower, Wild (common)	5
Morningglory sp.	4 <sup>3</sup>	Thistle, Canada	4 <sup>3</sup>
Mustard sp.	4	Thistle, Russian	2
Nightshade, Black	4	Velvetleaf	4
Nightshade, Eastern Black	4	Waterhemp, Common	4
Nightshade, Hairy	4	Waterhemp, Tall	4
Pigweed, Prostrate	4	Waterhemp, Tall	4

<sup>1</sup> ALS (acetolactate synthase) resistant weeds include those weeds resistant to the sulfonylurea (e.g., **Spirit**<sup>®</sup> and **Exceed**<sup>®</sup>), imidazolinone (e.g., **Lightning**<sup>®</sup>), or sulfonamide (e.g., **Python**<sup>®</sup>) family of herbicides.

<sup>2</sup> For best performance, spray before weeds exceed the maximum stem height or vine length listed.

<sup>3</sup> Partially controlled or suppressed.

**Suppression of Grass Weeds:** Impact applied postemergence at 0.5 fluid ounce per acre will provide suppression of barnyardgrass, large crabgrass, small crabgrass, woolly cupgrass, giant foxtail, green foxtail, yellow foxtail, goosegrass, seedling johnsongrass, wild-proso millet, fall panicum, broadleaf signalgrass and shattercane, up to the specified size or leaf stage as listed on the federal label in Table 2 under General Information. Refer to the federal label for recommended tank mixes of Impact with postemergence herbicides to provide control of grass weeds.

Expiration Date: June 15, 2014

IMPACT<sup>®</sup> is a registered trademark of Amvac Chemical Corporation.  
 Registrant: AMVAC Chemical Corporation  
 4100 East Washington Boulevard  
 Los Angeles, CA 90023

ACCEPTED (5)  
SEP 15 2011  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-524

**AMVAC™**  
**AGRICULTURAL**  
**BULLETIN**

**IMPACT® Herbicide**  
EPA REG. NO. 5481-524

**SUPPLEMENTAL USE**  
**DIRECTIONS**

*For postemergence weed control  
in field corn, popcorn and sweet  
corn*

**SUPPLEMENTAL USE DIRECTIONS –**

**Season Maximum Rate of 1.0 Fluid Ounce Per Acre  
in Single or Sequential Applications**

**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  
APPLICATION.**

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**IMPORTANT: Read the entire Directions for Use and the Limited Warranty and Disclaimer on the EPA-registered IMPACT herbicide label before using this product.**

**Use Information**

For use in **FIELD CORN** (grown for grain, silage or seed), **POPCORN** (ear, kernel or seed) and **SWEET CORN** (ear, kernel or seed).

Use in sequential applications - This maximum seasonal rate allows uses in sequential applications where a second flush of weeds may emerge.

Use in single application - In addition to the weed species listed on the container label controlled by 0.75 fluid ounce per acre, this increased maximum single application use rate of 1.0 fluid ounce per acre may be used to control broadleaf signalgrass, fall panicum, seedling johnsongrass, yellow foxtail or woolly cupgrass if applied before these species exceed the three leaf stage of growth.

A single application at 1.0 fluid ounce per acre may also be used in rescue applications where weeds have grown beyond the size indicated on the container label. In rescue applications on larger weeds the control attained may vary. The benefits of this application must be based on the opportunity to reduce weed competition for improved crop yield.

For the above use programs refer to the container label for recommended spray adjuvant and tank mixtures.

**Restrictions and Limitations**

- No more than 1.0 fluid ounce per acre (0.022 pounds active ingredient per acre) of IMPACT may be applied during the growing season.
- In the event of a crop loss due to weather, any corn type can be replanted following an application of IMPACT herbicide. If IMPACT was tank-mixed with other herbicides, the label restrictions for these herbicides must also be followed.
- DO NOT apply IMPACT within 45 days of corn harvest (fresh market sweet corn, silage, fodder, or grain).
- DO NOT graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after an application of IMPACT.

**ROTATIONAL CROPS GUIDELINE:** These rotational crop guidelines apply for IMPACT use at the increased rate of 1.0 fluid ounce per acre and supersede the rotational crop statements on the container label. Planting earlier than the recommended interval may result in crop injury. Avoid over applications by minimizing overlaps of spray swaths and by switching off spray boom when turning (end rows).

Minimum Time From Application to Planting	Crops
Anytime	All types of field corn, sweet corn and popcorn.
Three months	Cereal crops (wheat, barley, oats, and rye) and grasses grown for seed.
Nine months	Alfalfa, cotton, peanut, potato, sorghum, soybean and sunflower.  Dry bean (excluding cranberry bean), pea and sugarbeet in the states of ID, OR and WA only. Green bean (including green bean grown for seed) in the area WEST of the Cascade Mountains in the states of OR and WA only.
Eighteen months	All other crops not listed in categories above.

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