

CONVERGE PRO HERBICIDE



GROUP	28	HERBICIDE
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FOR SALE FOR USE IN EASTERN CANADA
AND BRITISH COLUMBIA ONLY

CONTAINS ISOXAFLUTOLE

FOR USE IN FIELD CORN

AGRICULTURAL

GUARANTEE: ISOXAFLUTOLE.... 480 g/L

contains 1,2-benzisothiazolin-3-one at 0.01% as a preservative

REGISTRATION NO. 28272
PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING - EYE IRRITANT

Product Information: 1-888-283-6847

Bayer CropScience Inc.
Suite 100, 3131 114th Ave. S.E.
Calgary, Alberta T2Z 3X2

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-800-334-7577

NET CONTENTS:
[1.32 L, 10.0 L, 200 L, 800 L, Bulk]

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Harmful if absorbed through skin. Do not inhale or ingest. If inhaled, remove from site of exposure. Avoid contact with skin, eyes and clothing. Wear coveralls over long-sleeved shirt and long pants, and rubber boots during all activities. Wear chemical resistant gloves and protective eyewear during mixing/loading, clean-up and repair. Store the container tightly closed, away from seeds, fertilizer, plants and foodstuffs. Wash from skin or eyes immediately. Avoid breathing dust or spray mist. After use, wash hands and other exposed skin. Avoid spray drift onto crops other than those recommended. Avoid contamination of ponds, streams, rivers and other water sources. Do not spray if there is a forecast for rain during or soon after application. Maintain a buffer zone of 22 m between the last spray swath and the edge of sensitive areas such as wetlands, ponds, lakes and rivers.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., refer to www.croplife.ca/.

DO NOT APPLY BY AIR

FIRST AID:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: No specific antidote. Treat symptomatically.

STORAGE CONDITIONS: Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry secured storage area. Do not store this product under wet conditions.

RECYCLABLE CONTAINER DISPOSAL: Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/ dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

RETURNABLE CONTAINER DISPOSAL: Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/ dealer).

DISPOSAL OF UNUSED, UNWANTED PRODUCT: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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GENERAL APPLICATION INFORMATION:

CONVERGE PRO Herbicide is a soluble concentrate formulation of isoxaflutole at a concentration of 480 g/L active ingredient. CONVERGE PRO Herbicide is a selective herbicide for season long control of important broadleaf and grass weeds infesting field corn.

Surface Preplant: CONVERGE PRO Herbicide can be applied to the soil surface up to 14 days prior to planting. CONVERGE PRO Herbicide must be tankmixed with atrazine when applied surface preplant. If weed growth is present at the time of application, Roundup Original, Roundup Transorb, Roundup Weathermax, Roundup Ultra, Touchdown IQ, Vantage, Vantage Plus or Vantage Plus Max can be added to the CONVERGE PRO Herbicide + atrazine treatment

for burndown control of these weeds. Do not incorporate CONVERGE PRO Herbicide.

Preemergence: CONVERGE PRO Herbicide can also be applied after planting to just prior to crop emergence. Atrazine and/or Roundup Original, Roundup Transorb, Roundup Weathermax, Roundup Ultra, Touchdown IQ, Vantage, Vantage Plus or Vantage Plus Max can be tankmixed with preemergent applications of CONVERGE PRO Herbicide. When activated by rainfall, CONVERGE PRO Herbicide will control susceptible weed seedlings that are up to 5cm in height. Shallow tillage may be necessary to control weeds beyond this stage.

SPECIAL PRECAUTIONS:

Under certain conditions, temporary yellowing of some corn leaves may occur when the plant is in the seedling stage. These conditions include cold weather, excessive moisture and/or compacted soils. The symptoms are most visible where excessive rates have been applied, such as sprayer overlaps. The crop typically recovers quickly. Plant corn at least 4 cm deep. Failure to close the seed furrow may allow herbicide spray to directly contact the seed which can cause injury.

DO NOT apply CONVERGE PRO Herbicide to field corn grown on loamy sands or sands and/or soils with less than 2 % O.M.

DO NOT use on sweet or seed corn.

DO NOT graze or feed the treated immature corn to livestock prior to 60 days after application of CONVERGE PRO Herbicide.

DO NOT harvest grain within 136 days of application.

MIXING INSTRUCTIONS:

Fill spray tank with $\frac{1}{4}$ to $\frac{1}{2}$ of the required volume of water prior to the addition of CONVERGE PRO Herbicide. Add CONVERGE PRO Herbicide slowly to the tank and agitate. If CONVERGE PRO Herbicide is applied in tank mixtures with other pesticides, add CONVERGE PRO Herbicide to the spray tank first and ensure that it is thoroughly dispersed before continuing to fill the spray tank and adding other pesticides. Continue to fill the tank with water to the desired volume while agitating. Continue agitation when applying to ensure a uniform spray mixture.

Application with water or nitrogen solution as a diluent carrier: Nitrogen solution (28-0-0) may replace all or part of the water as a carrier. Check for

compatibility by combining all ingredients in a small container in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear 5-15 minutes after mixing.

APPLICATION PROCEDURES:

Apply CONVERGE PRO Herbicide in conventional, minimum tillage, or zero tillage crop management systems up to 14 days prior to planting, or after planting but before the crop emerges. DO NOT apply after the corn emerges or crop injury may occur.

Apply CONVERGE PRO Herbicide in tank-mixtures, by ground equipment only, in a minimum of 150 litres of water per hectare at a spray pressure of 138-275 kPa. For best results use flat fan nozzles or comparable nozzles to achieve uniform spray distribution. DO NOT apply with hollow cone nozzles or with other application equipment which does not provide uniform coverage.

DO NOT APPLY BY AIR

WEEDS CONTROLLED:

TANK MIXTURES:

CONVERGE PRO Herbicide + atrazine: Apply CONVERGE PRO Herbicide at 165 mL/ha plus atrazine at 800 g ai/ha for control of the following weeds:

common lamb's quarters*	eastern black nightshade
redroot pigweed*	plantain, seedling
common ragweed*	dandelion, seedling
velvetleaf	witchgrass
wild mustard	crabgrass, smooth and large
wild buckwheat	yellow foxtail
wormseed mustard	lady's thumb

* Includes triazine and ALS resistant biotypes

Apply CONVERGE PRO Herbicide at 220 mL/ha plus atrazine at 1063 g ai/ha for control of the weeds listed above plus:

barnyard grass	fall panicum
green foxtail	proso millet (suppression only)

Observe all directions for use, precautions, and restrictions on the atrazine label.

CONVERGE PRO Herbicide + Roundup Original, Roundup Transorb, Roundup Weathermax, Roundup Ultra, Touchdown IQ, Vantage, Vantage Plus or Vantage Plus Max: Apply CONVERGE PRO Herbicide at 165-220 mL per hectare tankmixed with Roundup Original, Roundup Transorb, Touchdown IQ, Vantage or Vantage Plus at 2.5 L/ha, or with Vantage Plus Max at 1.88 L/ha, or with Roundup Weathermax or Roundup Ultra at 1.67 L/ha, for burndown control of emerged weeds in all tillage management systems and improved control of established dandelion in zero-tillage management systems. A three-way tankmix of CONVERGE PRO Herbicide + atrazine + Roundup Original, Roundup Transorb, Roundup Weathermax, Roundup Ultra, Touchdown IQ, Vantage, Vantage Plus or Vantage Plus Max can be used to provide residual control of the weeds listed in the CONVERGE PRO Herbicide + atrazine section.

ROTATIONAL CROP INFORMATION:

CONVERGE PRO Herbicide treated field corn fields may be planted to field corn, soybean, alfalfa, potato, tomato, timothy, processing peas, spring canola, spring barley, spring oats and spring wheat the year after treatment. Caution should be used when planting tomato 12 months following an application of CONVERGE PRO Herbicide + atrazine if conditions were exceptionally dry during the season of application. CONVERGE PRO Herbicide treated field corn fields may be planted to all classes of dry common beans in the second year after treatment. Treated corn fields may be planted to winter wheat in the same year of a spring CONVERGE PRO Herbicide application provided that 4 months have elapsed since the CONVERGE PRO Herbicide application. A field bioassay must be conducted the year prior to growing any other crop of interest to confirm crop safety.

FIELD BIOASSAY:

Select a representative area or areas of the field previously treated with CONVERGE PRO Herbicide to plant your bioassay crop(s). Be sure to consider factors such as size of field, soil texture, drainage and turn-around areas when selecting the site(s) that are most representative of the conditions in the field. On large fields, more than one site may be needed in order to obtain reliable results. Plant the test strips perpendicular to the direction in which the field was sprayed. The strips should be long enough to cross the width of several spray swaths. Large test strip areas are more reliable than small ones. Use standard tillage and seeding equipment to plant the bioassay. Prepare a seed bed and plant the crops and varieties you want the option of growing the following year. It is important to use the same planting time, conditions, techniques and cultural practices you normally use to plant and grow the bioassay crop(s). Also, plant into an adjacent

area not treated with CONVERGE PRO Herbicide to use as a comparison. As the crop(s) emerges and grows, examine these key points in CONVERGE PRO herbicide-treated and non-treated areas:

- crop stand
- root development
- rate of growth
- plant colour and vigour
- yield

Allow the bioassay crop(s) to grow to maturity while making your observations. Do not overspray the test strips with herbicides that may damage the bioassay crop(s). If the bioassay indicates that CONVERGE PRO Herbicide residues are still present, continue cropping only to those crops listed on the label, and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally. **DO NOT ROTATE TO OTHER CROPS UNTIL BIOASSAY INDICATES NORMAL GROWTH WITH NO YIELD REDUCTIONS.**

Failure to follow the recropping guidelines could result in injury to seeded crop(s).

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, CONVERGE PRO Herbicide is a Group 28 herbicide. Any weed population may contain or develop plants naturally resistant to CONVERGE PRO Herbicide and other Group 28 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of CONVERGE PRO Herbicide or other Group 28 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact your local Bayer representative, or contact Bayer CropScience Inc. toll-free at 1-888-283-6847.

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