

PMRA Approved Label, A.P.
2017-1756
2017-08-18

CONVERGE FLEXX

HERBICIDE

SUSPENSION



| | | |
|-------|-----------|-----------|
| GROUP | 27 | HERBICIDE |
|-------|-----------|-----------|

FOR CONTROL OF ANNUAL BROADLEAF WEEDS
AND ANNUAL GRASSES IN FIELD CORN (Eastern Canada and British Columbia)
AND SEED CORN (Eastern Canada only)

FOR SALE FOR USE IN EASTERN CANADA
AND BRITISH COLUMBIA ONLY

AGRICULTURAL

GUARANTEE: isoxaflutole 240 g/L

CONTAINS 1,2-BENZISOTHIAZOLIN-3-ONE AT 0.01%, OR
2-BROMO-2-NITROPROPANE-1,3-DIOL AT 0.003% AND
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AT 0.0004% AND
2-METHYL-4-ISOTHIAZOLIN-3-ONE AT 0.0002% as preservatives.

REGISTRATION NO. 29071 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING

NET CONTENTS: 1 L to Bulk

Product Information: 1-888-283-6847

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. S.E.,
Calgary, AB T2C 3G3

In case of spills, poisoning or fire, telephone emergency response number
1-800-334-7577 (24 hours a day).

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Do not inhale or ingest. Avoid contact with skin, eyes and clothing. Wash from skin or eyes immediately. Avoid breathing spray mist. After use, wash hands and other exposed skin. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. 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. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, smoking, chewing gum or using the toilet.

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

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

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat symptomatically.

ENVIRONMENTAL HAZARDS: TOXIC to non-target terrestrial and aquatic plants. Avoid spray drift onto crops other than those recommended. Observe buffer zones specified under SECTION 9.3.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), and estuarine/marine habitats.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

STORAGE: CANNOT be stored below freezing. If stored for 1 year or longer, shake well before using. Keep in original container during storage. Store in a cool, dry secured storage area. Do not store this product under wet conditions. Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs. To prevent contamination, store this product away from food or feed. Do not use or store in or around the home.

DISPOSAL: Recyclable Container: 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:** Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer). **Returnable-Refillable Container:** For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose. **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 cleanup 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.

CONVERGE is a registered trademark of Bayer.

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CONVERGE FLEXX
HERBICIDE
SUSPENSION



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GUARANTEE: isoxaflutole 240 g/L

CONTAINS 1,2-BENZISOTHIAZOLIN-3-ONE AT 0.01%, OR
2-BROMO-2-NITROPROPANE-1,3-DIOL AT 0.003% AND
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AT 0.0004% AND
2-METHYL-4-ISOTHIAZOLIN-3-ONE AT 0.0002% as preservatives.

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GENERAL INFORMATION

SECTION 1: NOTICES

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.

SECTION 2: THE PRODUCT

CONVERGE FLEXX Herbicide is a selective herbicide for season long control of important broadleaf and grass weeds infesting field corn grown in Eastern Canada and British Columbia and seed corn grown in Eastern Canada. CONVERGE FLEXX Herbicide can be applied from preplant up to the 3-leaf stage of corn and preplant or preemergence in seed corn.

SAFETY AND HANDLING

SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Do not inhale or ingest. Avoid contact with skin, eyes and clothing. Wash from skin or eyes immediately. Avoid breathing spray mist. After use, wash hands and other exposed skin.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

PROTECTIVE CLOTHING AND EQUIPMENT:

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. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, smoking, chewing gum or using the toilet.

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION

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

| | |
|-------------------------|---|
| IF SWALLOWED: | <ul style="list-style-type: none">• 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 IN EYES: | <ul style="list-style-type: none">• 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 ON SKIN OR CLOTHING: | <ul style="list-style-type: none">• 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 INHALED: | <ul style="list-style-type: none">• 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 treatment advice. |

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat symptomatically.

SECTION 5: ENVIRONMENTAL HAZARDS

TOXIC to non-target terrestrial and aquatic plants. Avoid spray drift onto crops other than those recommended. Observe buffer zones specified under SECTION 9.3.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), and estuarine/marine habitats.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

SECTION 6: STORAGE

- CANNOT be stored below freezing. If stored for 1 year or longer, shake well before using.
- Keep in original container during storage.
- Store in a cool, dry secured storage area. Do not store this product under wet conditions.
- Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs.
- To prevent contamination, store this product away from food or feed.
- Do not use or store in or around the home.

SECTION 7: DISPOSAL

Recyclable Container

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

Returnable-Refillable Container: For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

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 cleanup of spills.

DIRECTIONS FOR USE

SECTION 8: CROPS AND WEEDS

8.1 CROPS AND APPLICATION TIMING

CONVERGE FLEXX Herbicide is a selective herbicide for season long control of important broadleaf and grass weeds infesting field corn. When activated by rainfall, CONVERGE FLEXX Herbicide will control susceptible weed seedlings that are up to 5cm in height. Shallow tillage may be necessary to control weeds beyond this stage. Do not incorporate CONVERGE FLEXX Herbicide.

CONVERGE FLEXX Herbicide may be applied in conventional, minimum tillage, or zero tillage crop management systems. In field corn, apply up to 14 days prior to planting, or after planting but before the crop reaches the 3-leaf stage. In seed corn, apply up to 14 days prior to planting or after planting but prior to crop emergence.

| CROP | APPLICATION TIMING | REMARKS |
|------------|---|---|
| Field Corn | Surface Preplant (up to 14 days prior to planting) | CONVERGE FLEXX Herbicide can be applied to the soil surface up to 14 days prior to planting. CONVERGE FLEXX Herbicide must be tankmixed with atrazine (e.g., Converge 480 Herbicide or Aatrex Liquid 480 Herbicide) when applied surface preplant. If weed growth is present at the time of application, Roundup Transorb Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra 2 Liquid Herbicide, Touchdown IQ Liquid Herbicide, Vantage Herbicide Solution, Vantage Plus Herbicide Solution or Vantage Plus Max Herbicide Solution can be added to the CONVERGE FLEXX Herbicide + atrazine treatment for burndown control of these weeds. Refer to Section 8.3 for tank mix recommendations. |

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| | Preemergence | CONVERGE FLEXX Herbicide can be applied prior to corn emergence. Atrazine (e.g., Converge 480 Herbicide or Aatrex Liquid 480 Herbicide) and/or Roundup Transorb Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra 2 Liquid Herbicide, Touchdown IQ Liquid Herbicide, Vantage Herbicide Solution, Vantage Plus Herbicide Solution or Vantage Plus Max Herbicide Solution can be tankmixed with preemergent applications of CONVERGE FLEXX Herbicide. Refer to Section 8.3 for tank mix recommendations. |
| | Early Postemergence | CONVERGE FLEXX Herbicide can also be applied up to the 3-leaf stage of field corn. Atrazine (e.g., Converge 480 Herbicide or Aatrex Liquid 480 Herbicide) can be tankmixed with postemergent applications of CONVERGE FLEXX Herbicide. Refer to Section 8.3 for tank mix recommendations. |
| | Early Postemergence (Glyphosate tolerant corn only) | CONVERGE FLEXX Herbicide can also be applied up to the 3-leaf stage of glyphosate tolerant field corn when tank mixed with atrazine (e.g., Converge 480 Herbicide or Aatrex Liquid 480 Herbicide) and/or Roundup Transorb Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra 2 Liquid Herbicide, Touchdown IQ Liquid Herbicide, Vantage Herbicide Solution, Vantage Plus Herbicide Solution or Vantage Plus Max Herbicide Solution. Refer to Section 8.3 for tank mix recommendations. |

8.2 MINOR USES

NOTE TO BUYER/USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product described below were developed by persons other than Bayer CropScience Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. Bayer CropScience Inc itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops described below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Bayer CropScience Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the uses described below.

CONVERGE FLEXX HERBICIDE + Atrazine – Eastern Canada Only

| CROP | APPLICATION TIMING | REMARKS |
|--|--|--|
| Seed Corn (selected inbred lines)* | Surface Preplant (up to 14 days prior to planting) | A tank mixture of CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480) can be applied to the soil surface up to 14 days prior to planting. If weed growth is present at the time of application, Roundup Transorb Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra 2 Liquid Herbicide, Touchdown IQ Liquid Herbicide, Vantage Herbicide Solution, Vantage Plus Herbicide Solution or Vantage Plus Max Herbicide Solution can be added to the CONVERGE FLEXX Herbicide + atrazine treatment for burndown control of these weeds. Refer to Section 8.3 for tank mix recommendations and weeds controlled. |
| | Preemergence | A tank mixture of CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480) can be applied prior to corn emergence. Roundup Transorb Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra 2 Liquid Herbicide, Touchdown IQ Liquid Herbicide, Vantage Herbicide Solution, Vantage Plus Herbicide Solution or Vantage Plus Max Herbicide Solution can be tankmixed with preemergent applications of CONVERGE FLEXX Herbicide + atrazine. Refer to Section 8.3 for tank mix recommendations and weeds controlled. |
| * Not all seed corn inbred lines have been tested for tolerance to Converge Flexx. Use of this product must be approved by the contracting Seed Corn Company and comply with the directions given by the contractor. | | |

APPLICATION WITH WATER OR NITROGEN SOLUTION AS A DILUENT CARRIER:

- For surface preplant (up to 14 days prior to planting) and preemergence applications, 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.
- DO NOT use nitrogen solution (28-0-0) as the carrier for early postemergence applications as sprayable fluid fertilizer can typically cause corn injury such as tissue burn (necrosis).

8.3 WEEDS CONTROLLED AND APPLICATION RATE

A single application of CONVERGE FLEXX Herbicide will control the following annual broadleaf and grassy weeds:

| APPLICATION RATE | WEED SPECIES |
|---|--|
| <p style="text-align: center;">220 mL/Ha Early Season Weed Control</p> | <ul style="list-style-type: none"> • Barnyard Grass • Common Lamb's-quarters¹ • Crabgrass, Large • Crabgrass, Smooth • Common Ragweed^{1,3} • Dandelion (seedling) • Eastern Black Nightshade • Green Foxtail² • Plantain (seedling) • Redroot Pigweed¹ • Sowthistle, Annual • Sowthistle, Spiny Annual • Tall Waterhemp³ • Velvetleaf • Wild Mustard • Witchgrass • Wormseed Mustard |
| <p style="text-align: center;">330 mL/Ha Season-Long Weed Control</p> | <ul style="list-style-type: none"> • Common Lamb's-quarters¹ • Common Ragweed^{1,3} • Crabgrass, Large • Crabgrass, Smooth • Dandelion (seedling) • Eastern Black Nightshade • Plantain (seedling) • Redroot Pigweed¹ • Sowthistle, Annual • Sowthistle, Spiny Annual • Tall Waterhemp³ • Velvetleaf • Wild Mustard • Witchgrass • Wormseed Mustard |
| <p style="text-align: center;">440 mL/Ha Season-Long Weed Control</p> | <p>Provides season-long control of all species listed above plus:</p> <ul style="list-style-type: none"> • Barnyard Grass • Green Foxtail |

¹ Includes triazine and ALS resistant biotypes

² Early season suppression only

³ Includes glyphosate-resistant biotypes

8.4 TANK MIXTURES

For control of weed species listed for CONVERGE FLEXX Herbicide alone plus additional broadleaf weeds or grasses, CONVERGE FLEXX Herbicide may be tank mixed with one of the following herbicides. Consult the label of the tank mix partner(s) for further instructions regarding directions for use, restrictions and precautions, and always observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

RECOMMENDED TANK-MIXTURES

EARLY SEASON WEED CONTROL ONLY

| PRODUCTS | PRODUCT RATES | WEEDS CONTROLLED | REMARKS |
|--|--|--|--|
| CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480 Herbicide or Aatrex Liquid 480 Herbicide) EARLY SEASON WEED CONTROL ONLY | 220 mL/ha + 532 g ai/ha (e.g., Converge 480 or Aatrex Liquid 480 Herbicide at 1.1 L/ha) | Weed species listed for CONVERGE FLEXX Herbicide alone plus: <ul style="list-style-type: none"> • Fall Panicum • Lady's Thumb • Proso Millet • Wild Buckwheat • Yellow Foxtail | <ul style="list-style-type: none"> • For early season weed control through the critical crop establishment phase and to be used in a planned weed management program with a post-emergent herbicide treatment. • Weed species escapes and their respective growth stages should be monitored to select the best appropriate postemergence herbicide treatment option. • This tank mixture may be applied as a surface preplant (up to 14 days prior to planting) or preemergence application. |

RECOMMENDED TANK-MIXTURES

SEASON LONG WEED CONTROL

| PRODUCTS | PRODUCT RATES | WEEDS CONTROLLED | REMARKS |
|---|---|--|---|
| CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) | 330 mL/ha + 800 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.67 L/ha) | Weed species controlled by CONVERGE FLEXX Herbicide alone plus: <ul style="list-style-type: none"> • Lady's Thumb • Wild Buckwheat • Yellow Foxtail | <ul style="list-style-type: none"> • This tank mixture may be applied as a surface preplant (up to 14 days prior to planting) or preemergence in field corn and seed corn*. This tank mixture may also be applied as an early post emergence application (up to 3-leaf stage) in field corn. * Not all seed corn inbred lines have been tested for tolerance to Converge Flexx. Use of this product must be approved by the contracting Seed Corn Company and comply with the directions given by the contractor. ** including glyphosate resistant biotypes |
| | 440 mL/ha + 1063 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 2.21 L/ha) | Weed species controlled by CONVERGE FLEXX Herbicide alone plus: <ul style="list-style-type: none"> • Fall Panicum • Lady's Thumb • Proso Millet • Wild Buckwheat • Yellow Foxtail • Giant Ragweed** • Canada Fleabane** | |
| CONVERGE FLEXX Herbicide + Roundup Transorb Liquid Herbicide, <i>or</i> Touchdown IQ Liquid Herbicide, <i>or</i> Vantage Herbicide Solution <i>or</i> Vantage Plus Herbicide Solution | 330 or 440 mL/ha + 2.5 L/ha | Weed species controlled by CONVERGE FLEXX Herbicide alone plus burndown control of emerged weeds in all tillage management systems and improved control of established dandelion in zero-tillage management systems. | <ul style="list-style-type: none"> • This tank mixture may be applied as a surface preplant (up to 14 days prior to planting) or preemergence application to all field corn varieties. |
| CONVERGE FLEXX Herbicide + Vantage Plus Max Herbicide Solution | 330 or 440 mL/ha + 1.88 L/ha | | |

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| <p>CONVERGE FLEXX Herbicide + Roundup Weathermax with Transorb 2 Technology Liquid <i>or</i> Roundup Ultra 2 Liquid Herbicide</p> | <p>330 or 440 mL/ha + 1.67 L/ha</p> | | |
| <p>CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Roundup Transorb Liquid Herbicide, <i>or</i> Touchdown IQ Liquid Herbicide, <i>or</i> Vantage Herbicide Solution <i>or</i> Vantage Plus Herbicide Solution</p> | <p>330 or 440 mL/ha + 800 or 1063 g ai/ha (e.g., Converge 480 at 1.67 or 2.21 L/ha) + 2.5 L/ha</p> | <p>Weed species controlled by CONVERGE FLEXX Herbicide + atrazine plus burndown control of emerged weeds in all tillage management systems and improved control of established dandelion in zero-tillage management systems.</p> | <ul style="list-style-type: none"> • This tank mixture may be applied as a surface preplant (up to 14 days prior to planting) or preemergence application to field corn (all varieties) or to certain inbred lines of seed corn*. <p>* Not all seed corn inbred lines have been tested for tolerance to Converge Flexx. Use of this product must be approved by the contracting Seed Corn Company and comply with the directions given by the contractor.</p> |
| <p>CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Vantage Plus Max Herbicide Solution</p> | <p>330 or 440 mL/ha + 800 or 1063 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.67 or 2.21 L/ha) + 1.88 L/ha</p> | | |
| <p>CONVERGE FLEXX Herbicide + atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Roundup Weathermax with Transorb 2 Technology Liquid Herbicide <i>or</i> Roundup</p> | <p>330 or 440 MI/ha + 800 or 1063 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.67 or 2.21 L/ha) + 1.67 L/ha</p> | | |

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| Ultra 2 Liquid Herbicide | | | |
| CONVERGE FLEXX Herbicide + Atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Roundup Transorb Liquid Herbicide, <i>or</i> Touchdown IQ Liquid Herbicide, <i>or</i> Vantage Herbicide Solution <i>or</i> Vantage Plus Herbicide Solution | 220 mL/ha + 500 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.04 L/ha) + 2.5 L/ha | Burndown control of emerged weeds in all tillage management systems plus season-long residual control of: Barnyard grass, Green foxtail, Lamb's quarters, Redroot pigweed, Velvetleaf, Wild buckwheat, Wild mustard, Witchgrass | - This tank mixture may be applied as a post-emergence application to glyphosate tolerant field corn at the 1- to 3-leaf stage of growth. CAUTION: FOR POST-EMERGENCE USE IN GLYPHOSATE TOLERANT FIELD CORN ONLY. DO NOT apply to emerged non-glyphosate tolerant field corn varieties. |
| CONVERGE FLEXX Herbicide + Atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Vantage Plus Max Herbicide Solution | 220 mL/ha + 500 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.04 L/ha) + 1.88 L/ha | | |
| CONVERGE FLEXX Herbicide + Atrazine (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide) + Roundup Weathermax with Transorb 2 Technology Liquid Herbicide <i>or</i> Roundup Ultra 2 Liquid Herbicide | 220 mL/ha + 500 g ai/ha (e.g., Converge 480 Herbicide <i>or</i> Aatrex Liquid 480 Herbicide at 1.04 L/ha) + 1.67 L/ha | | |

SECTION 9: APPLICATION INSTRUCTIONS AND USE LIMITATIONS

9.1 GENERAL REMINDERS FOR SUCCESSFUL OPERATION

- 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.
- The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.
- DO NOT apply CONVERGE FLEXX Herbicide to field corn grown on loamy sands or sands and/or soils with less than 2 % O.M.
- DO NOT use on sweet corn.
- Follow directions under Section 8 for the correct rate and timing of application.

9.2 GROUND APPLICATION

- Apply CONVERGE FLEXX Herbicide alone or in tank-mixtures, by ground equipment only. DO NOT APPLY BY AIR.
- Apply CONVERGE FLEXX Herbicide as a broadcast spray in a minimum of 150 litres of water per hectare at a spray pressure of 138-275 kPa. Nitrogen solution (28-0-0) may replace all or part of the water as a carrier for surface pre-plant and pre-emergence applications.
- 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 during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

9.3 BUFFER ZONES

The buffer zones specified in the table below are required between the point of direct application and the closes downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

| Method of application | Crop | Buffer Zones (metres) Required for the Protection of: | | |
|-----------------------|------|---|-----------------|---------------------|
| | | Freshwater Habitats of Depths: | | Terrestrial Habitat |
| | | Less than 1m | Greater than 1m | |
| Field sprayer* | Corn | 1 | 0 | 1 |

*For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

9.4 ROTATIONAL CROPS

Only the following crops have been field tested to indicate they may be safely planted at the prescribed interval after an application of CONVERGE FLEXX Herbicide. To avoid the possibility of injury to subsequent crops after an application of the recommended rate of CONVERGE FLEXX Herbicide, follow the crops and replanting interval which appear on this label and the label of the tank mix partner, and always observe the most restrictive replanting interval. A field bioassay must be conducted the year prior to growing any other crop of interest to confirm crop safety. Failure to follow the rotational cropping guidelines could result in injury to seeded crop(s).

| |
|--|
| Four months after a spring application of CONVERGE FLEXX Herbicide: |
| • Wheat, Winter |
| The year following an application of CONVERGE FLEXX Herbicide: |
| • Alfalfa |
| • Barley, Spring |
| • Canola |
| • Corn, Field |
| • Oats, Spring |
| • Peas, Processing |
| • Potato |
| • Soybean |
| • Timothy |
| • Tomato* |
| • Wheat, Spring |
| The second year following an application of CONVERGE FLEXX Herbicide: |
| • Dry Common Beans (all types) |

* Caution should be used when planting tomato the year following an application of CONVERGE FLEXX Herbicide + atrazine if conditions were exceptionally dry during the season of application.

FIELD BIOASSAY:

Select a representative area or areas of the field previously treated with CONVERGE FLEXX 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 FLEXX Herbicide to use as a comparison. As the crop(s) emerges and grows, examine these key points in CONVERGE FLEXX 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 FLEXX 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.**

SECTION 10: PRE-HARVEST-, PRE-GRAZING/FEEDING AND RESTRICTED ENTRY INTERVALS

- DO NOT graze or feed the immature corn to livestock prior to 60 days of CONVERGE FLEXX Herbicide application.
- DO NOT harvest grain within 110 days of CONVERGE FLEXX Herbicide application.
- If tank mixing, always respect the maximum pre-harvest/-grazing interval stated on the labels of all the tank mix products.
- Do not enter or allow worker entry into treated areas within 12 hours of application.

SECTION 11: MIXING INSTRUCTIONS

CONVERGE FLEXX Herbicide must be applied with clean and properly calibrated equipment. Prior to adding CONVERGE FLEXX Herbicide, ensure that the spray tank, filters and nozzles have been thoroughly cleaned and that agitation system is properly working.

1. Fill spray tank with $\frac{1}{4}$ to $\frac{1}{2}$ of the required volume of water or liquid fertilizer prior to the addition of CONVERGE FLEXX Herbicide.
2. Add CONVERGE FLEXX Herbicide slowly to the tank and agitate.
3. If CONVERGE FLEXX Herbicide is applied in tank-mixtures with other pesticides, add CONVERGE FLEXX Herbicide to the spray tank first and ensure that it is thoroughly dispersed before continuing to fill the spray tank and adding other pesticides.
4. Continue to fill the tank with water or liquid fertilizer to the desired volume while agitating.

Proper agitation should be maintained while applying to ensure a uniform spray mixture.

DO NOT use nitrogen solution (28-0-0) as the carrier for early postemergence applications as sprayable fluid fertilizer can typically cause corn injury such as tissue burn (necrosis).

SECTION 12: SPRAYER CLEANUP

Cleaning Equipment After CONVERGE FLEXX Herbicide Application

To avoid injury or exposure to non-target crops, thoroughly clean all mixing and spray equipment, including pumps, nozzles, lines and screens with a good quality tank cleaner.

SECTION 13: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, CONVERGE FLEXX Herbicide is a Group 27 herbicide. Any weed population may contain or develop plants naturally resistant to CONVERGE FLEXX Herbicide and other Group 27 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:

1. Where possible, rotate the use of CONVERGE FLEXX Herbicide or other Group 27 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.

2. Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
3. Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
4. Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
5. Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
6. 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.
7. For further information or to report suspected resistance, contact Bayer CropScience Inc. at 1-888-283-6847 or at www.bayercropscience.ca.

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