FLAXMAX® HERBICIDE

FOR SALE FOR USE IN THE PRAIRIE PROVINCES ONLY

SOLUTION

For selective control of various broadleaf weeds in flax (including low linolenic acid varieties.)

AGRICULTURAL

GUARANTEE: Clopyralid ........... 50 g a.e./L
(present as acid)
MCPA .................. 280 g a.e./L
(present as 2-ethylhexyl ester)

REGISTRATION NO. 23993 PEST CONTROL PRODUCTS ACT

CAUTION POISON
EYE IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

READ THE LABEL AND THIS PAMPHLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 8 L – 454 L, Bulk

BASF Canada Inc.
100 Milverton Drive
5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

FLAXMAX® is a registered trademark of BASF.
DIRECTIONS FOR USE

DO NOT APPLY BY AIR.

Field sprayer application
DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

Surface runoff
To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine-textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or the depth to the water table is shallow.

Buffer Zones
Use of the following spray methods or equipment DO NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

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

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.

<table>
<thead>
<tr>
<th>Method of Application</th>
<th>Crop</th>
<th>Buffer Zones (metres) Required for the Protection of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Freshwater Habitats of Depths</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Less than 1 m</td>
</tr>
<tr>
<td>Field sprayer*</td>
<td>Flax</td>
<td>1</td>
</tr>
</tbody>
</table>

* 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%.

**Maximum Application Rates and Maximum Number of Applications**

<table>
<thead>
<tr>
<th>Site</th>
<th>Maximum Rate for a Single Application* (g a.e. of MCPA/ha)</th>
<th>Cumulative Maximum Rate per Season (g a.e. of MCPA/ha)</th>
<th>Maximum Number of Applications per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flax</td>
<td>875</td>
<td>875</td>
<td>1</td>
</tr>
</tbody>
</table>

* Do not exceed the application rates listed in the Rate of Application section of this product’s label.

**FLAXMAX** herbicide should be diluted in water and applied by ground application equipment for the control of many broadleaf weeds including:

- Canada thistle*
- Common groundsel
- Dandelion**
- Flixweed**
- Kochia (suppression) (2-4 leaf)
- Lamb’s-quarters
- Annual sowthistle
- Perennial sowthistle (top growth)
- Volunteer sunflower
- Volunteer rapeseed
- Russian pigweed
- Redroot pigweed
- Scentless chamomile (2-4 leaf)
- Shepherd’s purse**
- Smartweed
- Stinkweed**
- Tartary buckwheat
- Wild buckwheat
- Wild mustard

* season long control; with some re-growth in the fall
** spring rosettes only

**RATE OF APPLICATION**

**1.5 L/ha**

Apply **FLAXMAX** herbicide at 1.5 L/ha for the control of light infestations of Canada thistle*, lamb’s-quarters, wild mustard, volunteer sunflower and spring seedlings (2-4 leaf) of flixweed, shepherd’s purse and stinkweed.

**2.0 L/ha**

At 2.0 L/ha, weeds controlled include the above plus medium to heavy infestations of Canada thistle*, common groundsel, dandelion (spring rosette), kochia (suppression) (2-4 leaf), annual sowthistle, perennial sowthistle (top growth), redroot pigweed, Russian pigweed, scentless chamomile (2-4 leaf), smartweed, tartary buckwheat, volunteer rapeseed and wild buckwheat. Best results are obtained when **FLAXMAX** herbicide is applied to actively growing weeds in the
1-4 leaf (seedling) stage and when Canada thistle is between 10 cm and up to but not including the early bud stage. Poor weed control may result under cool or dry conditions.

**FLAX**

Apply to the flax when the crop is 5-15 cm tall. Early spraying will reduce the risk of crop injury. Apply **FLAXMAX** herbicide in 100-150 L/ha total spray volume by ground equipment at spray pressures of 200-275 kPa. For optimum spray coverage, use flat fan nozzles tilted 45° forward to ensure better coverage.

**NOTE:** Some delay in maturity and crop injury may result from the use of the high rate but any potential yield reductions will usually be more than offset by increased yields due to better weed control.

**SPRAY PREPARATION**

Add half the required amount of water to the spray tank, then add with agitation the required amount of **FLAXMAX** herbicide. Add the balance of the water and continue to agitate while spraying.

The use of flood jet or hollow cone nozzles is not recommended, because of uneven and inadequate spray coverage. Ensure thorough and uniform spray coverage over the entire leaf area of the target weeds.

**NOT TO BE USED FOR AERIAL APPLICATION.**

**WARNINGS**

**SENSITIVE PLANTS:** Do not apply **FLAXMAX** herbicide directly to, or otherwise permit it to come into contact with sunflowers, legumes, fruit or vegetable crops, flowers or other desirable broadleaf plants and take precautions to avoid spray mists drifting onto them.

**CROP ROTATION:** Fields previously treated with **FLAXMAX** herbicide can be seeded to wheat, barley, oats, rye, corn, flax, canola, sugarbeets, mustard or should be summerfallowed. **Do not seed to crops other than those listed above for at least one clear year following treatment.**

**GRAZING STATEMENT:** Do not graze treated fields of flax within less than 7 days.

**STRESS CONDITIONS:** When weeds are stressed due to drought, flooding or prolonged hot or cool temperatures (15°C or less), control can be reduced or delayed since weeds are not actively growing. Weed escapes may occur under prolonged stress conditions or low fertility. **Do not make applications to weeds stressed longer than 20 days due to lack of moisture as unsatisfactory control can result.**
TO REDUCE SPRAY DRIFT

1. Use coarse sprays at low pressures (200-275 kPa).

2. Use 100-200 L/ha of spray solution.

3. Spray when the wind velocity is 16 kmph or less.

EQUIPMENT CLEAN-UP: Equipment used to apply FLAXMAX herbicide should not be used to apply other pesticides to sensitive crops without thorough cleaning.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, FLAXMAX herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to FLAXMAX herbicide and other Group 4 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 FLAXMAX herbicide or other Group 4 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 BASF at 1-877-371-2273.
PRECAUTIONS

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN
EYE IRRITANT

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

1. KEEP OUT OF REACH OF CHILDREN.

2. Do not take internally. Handle with care and mix only in a closed container. Use only in a well-ventilated area.

3. May cause irritation of eyes and skin. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing.

4. Wash thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

5. Applicators must wear a hat, long-sleeved shirt, long pants, socks, rubber boots and chemical-resistant gloves. During mixing, loading, repair and clean-up, or when handling the concentrate, wear the above-mentioned protective equipment and clothing as well as goggles or face shield, and an apron.

6. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

7. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

8. Do not apply where run-off or erosion is likely to occur.

9. Re-entry is not permitted until 12 hours after application.

10. Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

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., visit CropLife Canada’s web site at www.croplife.ca.

FIRST AID INSTRUCTIONS

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 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 swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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

High concentrations of MCPA may cause severe irritation to eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. Treat symptomatically.

The decision of whether to induce vomiting or not should be made by the attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying stomach. No specific antidote. Supportive care. Treatment is based on judgment of the physician in response to reactions of the patient.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE: Do not use or store near heat or open flame. Do not cut container.

STORAGE

1. Store in original, tightly-closed container and do not allow water to be introduced into this container.

2. Do not ship or store near food, feed, seed and fertilizers.

3. Store in cool (above 5°C), dry, locked, well-ventilated area without floor drain. If product is frozen, bring to room temperature and agitate before use.

4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.
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 any further use.

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

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.
FLAXMAX™ HERBICIDE

FOR SALE FOR USE IN THE PRAIRIE PROVINCES ONLY

SOLUTION

For selective control of various broadleaf weeds in flax (including low linolenic acid varieties.)

AGRICULTURAL

GUARANTEE:  Clopyralid ..........  50 g a.e./L
               (present as acid)
               MCPA .................  280 g a.e./L
               (present as 2-ethylhexyl ester)

REGISTRATION NO.  23993  PEST CONTROL PRODUCTS ACT

CAUTION POISON

EYE IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

READ THE LABEL AND THIS ATTACHED PAMPHLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS:  8 L – 454 L, Bulk

BASF Canada Inc.
100 Milverton Drive
5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

FLAXMAX® is a registered trademark of BASF.
PRECAUTIONS

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN
EYE IRRITANT

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

DO NOT APPLY BY AIR.

1. **KEEP OUT OF REACH OF CHILDREN.**

2. Do not take internally. Handle with care and mix only in a closed container. Use only in a well-ventilated area.

3. May cause irritation of eyes and skin. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing.

4. Wash thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

5. Applicators must wear a hat, long-sleeved shirt, long pants, socks, rubber boots and chemical-resistant gloves. During mixing, loading, repair and clean-up, or when handling the concentrate, wear the above-mentioned protective equipment and clothing as well as goggles or face shield, and an apron.

6. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

7. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

8. Do not apply where run-off or erosion is likely to occur.

9. Re-entry is not permitted until 12 hours after application.

10. Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

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., visit CropLife Canada’s web site at www.croplife.ca.
ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Surface runoff
To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine-textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or the depth to the water table is shallow.

FIRST AID INSTRUCTIONS

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 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 swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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

High concentrations of MCPA may cause severe irritation to eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. Treat symptomatically.

The decision of whether to induce vomiting or not should be made by the attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung
aspiration of petroleum based solvents must be weighed against toxicity when considering emptying stomach. No specific antidote. Supportive care. Treatment is based on judgment of the physician in response to reactions of the patient.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE: Do not use or store near heat or open flame. Do not cut container.

STORAGE

1. Store in original, tightly-closed container and do not allow water to be introduced into this container.
2. Do not ship or store near food, feed, seed and fertilizers.
3. Store in cool (above 5°C), dry, locked, well-ventilated area without floor drain. If product is frozen, bring to room temperature and agitate before use.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

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 any further use.

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

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.
EQUINOX® EC Herbicide

Emulsifiable concentrate for post-emergence control of certain annual grasses and quackgrass in canola, chickpea, dry bean, dry pea, flax, lentils, mustard (brown, oriental and yellow), sunflower and Clearfield® Canola Quality *Brassica juncea*

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Tepraloxydim .................. 200 g/L

REGISTRATION NO. 27603 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND THIS BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING - EYE AND SKIN IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT 1-800-454-2673

NET CONTENTS: 1 L - 100 L

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

Clearfield® is a registered trade-mark of BASF Agrochemical Products B.V. and EQUINOX is a registered trade-mark of BASF SE, all used with permission by BASF Canada Inc.

©BASF Canada Inc., 2004
GENERAL INFORMATION

EQUINOX EC herbicide is a selective, broad spectrum, emulsifiable concentrate herbicide for post-emergence control of certain annual grasses and quackgrass in canola (all types including Clearfield Canola1 with the Clearfield trait), Clearfield Canola1 Quality Brassica juncea (e.g. canola quality Brassica juncea varieties with the Clearfield trait), chickpea, dry common beans, dry pea, flax (including low linolenic acid varieties), lentils (including Clearfield Lentils1 with the Clearfield trait), mustard (brown, oriental and yellow) and sunflower (all types including Clearfield Sunflower1 with the Clearfield trait). (Refer to crop recommendations table for maximum rate permitted on crops).

EQUINOX EC herbicide does not control sedges or broadleaf weeds. This product does not provide residual weed control.

EQUINOX EC herbicide is a systemic herbicide that rapidly enters the target weed through its foliage and translocates throughout the plant. Thorough coverage of the foliage is important for consistent grass control. Once treated, growth is slowed to stopped generally within 2 days. The young leaves turn yellow within 5-10 days and some grass species develop a reddish coloration. Necrotic spots then form on the leaves followed by death. An easy method of detecting whether the treatment has taken effect at an early stage is whether the youngest leaf can be easily pulled out of the leaf sheath. The time required for complete control is normally 7 to 21 days following treatment, depending on growing conditions and crop competition.

Control of quackgrass develops more slowly than control of annual grasses. EQUINOX EC herbicide is translocated through the quackgrass plant to the rhizomes and kills actively growing rhizome buds, as well as above ground vegetation. Dormant rhizome buds will remain unaffected by the spray and regrowth can occur from these buds. When EQUINOX EC herbicide is applied according to label directions, the regrowth of the quackgrass will not be significant until 6-8 weeks after treatment, depending on growing conditions, crop cultivation practices and crop competition.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

Field sprayer application
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.

Aerial Application
DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.
Buffer Zones
Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands).

<table>
<thead>
<tr>
<th>Method of application</th>
<th>Crop</th>
<th>Buffer zone (metres) required for the protection of Terrestrial Habitat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field sprayer</td>
<td>Chickpeas, dry beans, mustard (brown, oriental and yellow), sunflower (all types), flax, dry peas, lentils, Clearfield Lentils(^1), Clearfield Canola(^1), Clearfield Canola(^1) Quality Brassica juncea, glufosinate ammonium tolerant canola, and canola</td>
<td>1</td>
</tr>
<tr>
<td>Aerial (fixed- or rotary-wing)</td>
<td>Chickpeas, dry beans, mustard (brown, oriental and yellow), sunflower (all types), flax, dry peas, lentils, Clearfield Lentils(^1), Clearfield Canola(^1), Clearfield Canola(^1) Quality Brassica juncea, glufosinate ammonium tolerant canola, and canola</td>
<td>25</td>
</tr>
</tbody>
</table>

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

Select one of the following treatments for control of wild oat, green foxtail, volunteer barley, volunteer wheat (including volunteer Clearfield wheat), volunteer oat and quackgrass. MERGE\(^\text{®}\) adjuvant or DASH\(^\text{®}\) HC adjuvant must be added to all applications of EQUINOX EC herbicide, including tank mixtures with broadleaf herbicides. Refer to Crop Recommendations table for maximum rate permitted on crops.

Annual Grass Control
Apply EQUINOX EC herbicide when grasses are in the 1 to 6 leaf stage or up to 2 tillers. Most effective control is achieved when application is made when annual grasses are small and actively growing, soil moisture is good, and the crop is small enough to permit thorough spray coverage.

Quackgrass Control
Apply EQUINOX EC herbicide when quackgrass is actively growing and in the 3 to 6 leaf stage prior to tillering (6 to 15 cm in height). Most effective control is achieved when application is made at the 2 to 4 leaf stage. Depending on growing conditions and crop cultivation system, season-long control of quackgrass may not always be obtained. Competition of quackgrass is normally eliminated for at least 6 to 8 weeks.
### EQUINOX EC Herbicide - MERGE Adjuvant or DASH HC Adjuvant
#### Reduced Application Rates for Green Foxtail, Wild Oat, Volunteer Barley, Volunteer Wheat, Volunteer Clearfield Wheat and Volunteer Oat

<table>
<thead>
<tr>
<th>Grass Species</th>
<th>Grass Leaf Stage</th>
<th>EQUINOX EC Herbicide Rate (L/ha)</th>
<th>DASH HC Adjuvant Rate (by water volume)</th>
<th>MERGE Adjuvant Rate (by water volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(% v/v) Ground 50-100 L/ha</td>
<td>(% v/v) Air 25-50 L/ha</td>
</tr>
<tr>
<td>Annual Grasses: green foxtail, wild oat, volunteer barley, volunteer wheat, volunteer Clearfield wheat, and volunteer oat</td>
<td>1-6</td>
<td>0.1335</td>
<td>0.41%</td>
<td>0.41%</td>
</tr>
<tr>
<td>Annual Grasses: green foxtail, wild oat, volunteer barley, volunteer wheat, volunteer Clearfield wheat, and volunteer oat (Use when weed densities are high and overlapping, when staging is late, or when weeds are under stress and not growing as actively due to moisture stress or temperature stress)</td>
<td>1-6</td>
<td>0.2</td>
<td>0.62%</td>
<td>0.62%</td>
</tr>
</tbody>
</table>

1. 0.41% v/v = 205 mL - 410 mL at a water volume of 25-100 L/ha
2. 0.5% v/v = 250 mL - 500 mL at a water volume of 25-100 L/ha
3. 0.62% DASH HC or 0.5% MERGE adjuvant at a water volume of 50-100 L/ha for dense weed infestations or dense crop canopies

### EQUINOX EC Herbicide - MERGE Adjuvant or DASH HC Adjuvant
#### Application Rates for Quackgrass

<table>
<thead>
<tr>
<th>Grass Species</th>
<th>Grass Leaf Stage</th>
<th>EQUINOX EC Herbicide Rate (L/ha)</th>
<th>DASH HC Adjuvant Rate (by water volume)</th>
<th>MERGE Adjuvant Rate (by water volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(% v/v) Ground 50-100 L/ha</td>
<td>(% v/v) Air 25-50 L/ha</td>
</tr>
<tr>
<td>Quackgrass control(^1)</td>
<td>3-6</td>
<td>0.25</td>
<td>0.62%</td>
<td>0.62%</td>
</tr>
</tbody>
</table>

\(^1\) 0.62% DASH HC or 0.5% MERGE adjuvant at a water volume of 50-100 L/ha for dense weed infestations or dense crop canopies
## Crop Recommendations

<table>
<thead>
<tr>
<th>Crop</th>
<th>Leaf Stage at Application and/or Height</th>
<th>Application Rate (L/ha)</th>
<th>Preharvest Interval (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canola – all types</td>
<td>Emergence to rosette stage (prior to bud and flower formation)</td>
<td>0.1335 – 0.2</td>
<td>60</td>
</tr>
<tr>
<td><strong>Clearfield Canola</strong></td>
<td>Emergence to rosette stage (prior to bud and flower formation)</td>
<td>0.1335 – 0.2</td>
<td>60</td>
</tr>
<tr>
<td>(e.g. canola varieties with the Clearfield trait)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Clearfield Canola</strong></td>
<td>Emergence to rosette stage (prior to bud and flower formation)</td>
<td>0.1335 – 0.2</td>
<td>60</td>
</tr>
<tr>
<td>(quality Brassica juncea) (e.g. canola quality Brassica juncea varieties with the Clearfield trait)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chickpea</td>
<td>Emergence to 9 node</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td>Dry beans*</td>
<td>Emergence to 7 trifoliate leaf</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td>Dry pea</td>
<td>Emergence to 9 leaf</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td>Flax</td>
<td>Emergence to 35 cm</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td>Lentils</td>
<td>Emergence to 9 node</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td><strong>Clearfield Lentils</strong></td>
<td>Emergence to 9 node</td>
<td>0.1335 – 0.25</td>
<td>60</td>
</tr>
<tr>
<td>(e.g. lentil varieties with the Clearfield trait)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustard (brown, oriental and yellow)</td>
<td>Emergence to 6 leaf</td>
<td>0.1335 – 0.2</td>
<td>60</td>
</tr>
<tr>
<td>Sunflower (all types including Clearfield Sunflower with the Clearfield trait)</td>
<td>Emergence to 10 leaf</td>
<td>0.1335 – 0.2</td>
<td>60</td>
</tr>
</tbody>
</table>

* Dry bean varieties (of the Genera Phaseolus, Lupinus and Vigna) may vary in their tolerance to herbicides, including to **EQUINOX EC herbicide**. Since not all dry bean varieties have been tested for tolerance to **EQUINOX EC herbicide**, first use of **EQUINOX EC herbicide** should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry beans to **EQUINOX EC herbicide**.

### MIXING

**EQUINOX EC herbicide Alone**

1. When using **EQUINOX EC herbicide**, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.

2. Fill clean spray tank half full with clean water. Start agitation system.

3. Add the correct amount of **EQUINOX EC herbicide**. Continue to agitate
4. Add the correct amount of MERGE adjuvant or DASH HC adjuvant along with the remaining amount of water necessary to fill the spray tank.

5. Continue to agitate or run the by-pass system.

6. After any break in spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit over night.

7. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.

8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

For disposal of cleaning solution, see section on DISPOSAL.

TANK MIX COMBINATIONS

**EQUINOX EC herbicide** can be mixed with the following herbicides for broadleaf weed control (refer to instructions on MIXING - EQUINOX EC Herbicide Tank Mix Combinations). Use MERGE adjuvant or DASH HC adjuvant only with all tank mixes.

Do not delay spraying broadleaf weeds if grassy weeds are not in the correct stage for treatment. If annual grass weeds and broadleaf weeds are not in the correct stages for treatment, apply separate applications of each herbicide timed to control the required species.

Allow 4 days between application of **EQUINOX EC herbicide** and any other chemical not recommended as a tank mix combination on this label. Products registered as a tank mix with **EQUINOX EC herbicide** can be applied immediately prior to or following the application of **EQUINOX EC herbicide**.

Apply **EQUINOX EC herbicide** at 0.165 L/ha with the addition of MERGE adjuvant at 0.5% v/v or DASH HC adjuvant at 0.41% v/v with the following broadleaf compounds for broad spectrum weed control in flax. Refer to the specific partner label for broadleaf weeds controlled and rates.

**Always refer to the broadleaf herbicide label for precautions, use instructions and crop rotation restrictions. Do not apply tank mix combinations by air.**

When a tank mix 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.
# Reduced Rate Applications for EQUINOX EC Herbicide Tank Mixes

<table>
<thead>
<tr>
<th>Crop</th>
<th>EQUINOX EC Herbicide Rate (L/ha)</th>
<th>Tank Mix Partner</th>
<th>Tank Mix Partner Rate</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clearfield Canola(^1) (e.g. canola varieties with Clearfield trait)</td>
<td>0.1335 OR 0.2 if grassy weeds are stressed (see Table above)</td>
<td>ODYSSEY® WDG</td>
<td>43 g/ha</td>
<td>For the control of volunteer Clearfield wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>Clearfield Canola(^1) Quality <em>Brassica juncea</em> (e.g. canola quality <em>Brassica juncea</em> varieties with the Clearfield trait)</td>
<td>0.1335 OR 0.2 if grassy weeds are stressed (see Table above)</td>
<td>ODYSSEY WDG</td>
<td>43 g/ha</td>
<td>For the control of volunteer Clearfield wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>Field peas</td>
<td>0.1335 OR 0.2 if grassy weeds are stressed (see Table above)</td>
<td>ODYSSEY WDG</td>
<td>43 g/ha</td>
<td>For the control of volunteer Clearfield wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>Flax (including low linolenic acid varieties)</td>
<td>0.1335 OR 0.25 if grassy weeds are stressed or for quackgrass control (see Table above)</td>
<td>BUCTRIL® M</td>
<td>1.0 L/ha</td>
<td>Some leaf burn and retarded growth may delay crop maturity. Avoid application under humid and especially hot humid conditions. Caution should be taken to avoid non-uniform applications, e.g., overlapping. Do not apply tank mixtures during flowering. Refer to the Buctril M label for use instructions and broadleaf weeds controlled. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>Flax (excluding low linolenic acid varieties)</td>
<td>0.1335 OR 0.2 if grassy weeds are stressed (see Table above)</td>
<td>FLAXMAX®</td>
<td>2.0 L/ha</td>
<td>Refer to the FLAXMAX label for use instructions and broadleaf weeds controlled. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>Crop</td>
<td>EQUINOX EC Herbicide Rate (L/ha)</td>
<td>Tank Mix Partner</td>
<td>Tank Mix Partner Rate</td>
<td>Comments</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------</td>
<td>------------------</td>
<td>-----------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Clearfield Lentils¹ (e.g. lentil varieties with the Clearfield trait)</td>
<td>0.1335 OR 0.2 if grassy weeds are stressed (see Table above)</td>
<td>ODYSSEY WDG</td>
<td>43 g/ha</td>
<td>Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
<tr>
<td>LIBERTYLINK® (glufosinate ammonium tolerant) canola</td>
<td>0.1335</td>
<td>LIBERTY® 150 SN</td>
<td>2.67 – 3.33 L/ha</td>
<td>For all LL varieties of canola. Use from emergence to rosette stage prior to bud and flower formation). For greater consistency of control of annual grassy weeds as listed on the EQUINOX EC herbicide and Liberty 150 SN herbicide labels and for control of the broadleaf weeds listed on the Liberty 150 SN herbicide label. Refer to the Liberty 150 SN herbicide label for additional recommendations, precautions and restrictions not specified on this label. <strong>DO NOT APPLY BY AIR.</strong></td>
</tr>
</tbody>
</table>

**MIXING - EQUINOX EC herbicide Tank Mix Combinations**

1. When using **EQUINOX EC herbicide**, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.

2. When tank mixing with ODYSSEY WDG herbicide, fill clean spray tank three-quarters full with water, add required amount of ODYSSEY WDG herbicide soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least ten minutes to dissolve the herbicide. After the herbicide is dissolved, use a separate calibrated measuring device to add the required amount of **EQUINOX EC herbicide** while agitating the spray solution. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT®).

3. When tank mixing with broadleaf herbicides such as Buctril M or FLAXMAX or Liberty 150 SN, fill clean spray tank half full with clean water. Start agitating and add the correct amount of **EQUINOX EC herbicide**. Continue to agitate and add the required amount of Buctril M or FLAXMAX or Liberty 150 SN. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.

4. Continue agitation, add the correct amount of MERGE adjuvant or DASH HC adjuvant along with the remaining amount of water necessary to fill the spray tank.

5. Continue to agitate or run the by-pass system.
6. After any break in spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit over night. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.

7. Between loads of ODYSSEY WDG herbicide, check in-line and nozzle screens and rinse and clean if necessary.

8. Immediately after use of any tank mix, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water and detergent to avoid possible injury to other crops.

For disposal of cleaning solution, see section on DISPOSAL.

SPRAYING INSTRUCTIONS

Water Volume and Spray Pressure
Conventional ground application
Use sprayers equipped with standard flat nozzles. The use of 80°-110° stainless steel flat fan nozzle is recommended for optimum spray coverage with nozzles tilted 45° forward to ensure better coverage.

The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Ensure thorough and uniform spray coverage over the entire leaf area of the target weeds.

Thoroughly clean all screens to prevent nozzle clogging. In general, use water volumes of 50-100 L/ha and a minimum of 240 kPa pressure. For applications to dense weed infestations or to dense crop canopies, use 100 L of water per hectare at pressures of 275 to 425 kPa. For quackgrass control, use 100 L of water per hectare at pressures of 275 to 425 kPa.

Aerial Applications
Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.
Ensure thorough coverage of foliage. Consult nozzle manufacturer’s recommendation for spray pressures for specific nozzles.

**Use Precautions**

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

**Operator Precautions**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

**Product Specific Precautions**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-371-BASF (2273) or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 25 to 50 litres of water per hectare with pressure up to 200 kPa.

Treat when wind is 3 to 15 kilometres per hour. Do not spray in winds above 10 km/hour within 1/2 hour of sunrise or sunset.

**RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, **EQUINOX EC herbicide** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to **EQUINOX EC herbicide** and other Group 1 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 **EQUINOX EC herbicide** or other Group 1 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 BASF at 1-877-371-2273 or at www.agsolutions.ca.

**RESTRICTIONS AND LIMITATIONS**

1. Use only for crops listed on this label.

2. When grasses are stressed due to drought, flooding, hot or prolonged cool temperatures (15°C or less) or weed densities are high causing overlapping, control can be reduced or delayed since grasses are not adequately covered with spray and/or are not actively growing. Grass escapes or retillering may occur under prolonged stress conditions or low fertility. **DO NOT make applications to grasses or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.**

3. **DO NOT** mix or apply **EQUINOX EC herbicide** with any other additive, pesticide or with fertilizer except as specifically recommended on this label.

4. Dry peas may be used for grazing provided the 60 day preharvest interval is followed. **DO NOT** graze the other treated crops or cut for hay; there are not sufficient data available to support such use.

5. A general plant back interval of 40 days is required. Allow a minimum of 14 days between application of **EQUINOX EC herbicide** and the re-planting of cereal or grass crops. A cultivation to a minimum depth of 10 cm is recommended 7 days prior to seeding.
WARNING

Injury to grass, cereal or corn crops and turf may occur if EQUINOX EC herbicide is applied directly onto, or is allowed to drift onto, these susceptible crops.

DO NOT apply when weather conditions may cause spray drift from treated fields to adjacent crops. Wash sprayer thoroughly after use to avoid damage to the next crop sprayed, especially if it is a cereal, forage or corn crop.

DO NOT over spray non-target terrestrial or aquatic habitats. DO NOT contaminate aquatic habitats when cleaning and rinsing spray equipment or containers.

PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN.

2. Causes skin irritation. DO NOT get on skin. May irritate eyes. Avoid contact with eyes.

3. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

4. Wear long-sleeved shirt, long pants and chemical resistant gloves and goggles or face shield during mixing, loading, clean up and repair. Wear long-sleeved shirt and long pants during application.

5. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

6. DO NOT contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

7. DO NOT apply where run-off or erosion is likely to occur.

8. Apply only when the potential for drift to areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

9. This product contains aromatic petroleum distillates which are toxic to aquatic organisms. Avoid contamination of aquatic systems during application. DO NOT contaminate these systems through direct application, disposal of wastes or cleaning equipment.

10. 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., visit CropLife Canada’s web site at www.croplife.ca.

11. DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
12. When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

13. Custom applicators must use ground boom equipment with an enclosed cab. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.

ENVIRONMENTAL HAZARDS

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

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

NOTE: Refer to broadleaf product labels for additional first aid instructions.

TOXICOLOGICAL INFORMATION

Contains petroleum distillates at greater than 10%. DO NOT induce vomiting. Vomiting may cause aspiration pneumonia. Treat symptomatically.
STORAGE

1. Store the product in original, tightly-closed container and do not allow water to be introduced into this container.

2. **DO NOT** ship or store the product near food, feed, seed or fertilizers.

3. Store the product in a cool, dry, locked, well-ventilated area without floor drain.

4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

DISPOSAL

For Recyclable containers

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. 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.

For Refillable Containers

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 reuse this container for any other purpose.

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.

Non-Recyclable/Non-Refillable/Non-Returnable Containers

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.

3. Make the empty container unsuitable for further use.

4. Dispose of the container in accordance with provincial requirements.

5. 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.

FLAXMAX is a registered trade-mark of BASF SE, used with permission by BASF Canada Inc.

MERGE is a registered trade-mark of BASF Canada Inc.

ODYSSEY is a registered trade-mark of BASF Agrochemical Products B.V., used with permission by BASF Canada Inc.

® All other products listed are registered trade-marks of their respective companies.

¹Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. The use of this product in the practice of patented methods could constitute patent infringement. The purchase of this product conveys no license to the purchaser to practice the patented methods. Further information can be obtained by contacting BASF Canada at 1-877-371-2273.
EQUINOX® EC Herbicide

Emulsifiable concentrate for post-emergence control of certain annual grasses and quackgrass in canola, chickpea, dry bean, dry pea, flax, lentils, mustard (brown, oriental and yellow), sunflower and Clearfield® Canola Quality Brassica juncea

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Tepraloxydim .................. 200 g/L

REGISTRATION NO. 27603 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND THIS BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING - EYE AND SKIN IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT 1-800-454-2673

NET CONTENTS: 1 L - 100 L

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

Clearfield® is a registered trade-mark of BASF Agrochemical Products B.V. and EQUINOX is a registered trade-mark of BASF SE, all used with permission by BASF Canada Inc.

©BASF Canada Inc., 2004
PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**

2. Causes skin irritation. **DO NOT** get on skin. May irritate eyes. Avoid contact with eyes.

3. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

4. Wear long-sleeved shirt, long pants and chemical resistant gloves and goggles or face shield during mixing, loading, clean up and repair. Wear long-sleeved shirt and long pants during application.

5. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

6. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

7. **DO NOT** apply where run-off or erosion is likely to occur.

8. Apply only when the potential for drift to areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

9. This product contains aromatic petroleum distillates which are toxic to aquatic organisms. Avoid contamination of aquatic systems during application. **DO NOT** contaminate these systems through direct application, disposal of wastes or cleaning equipment.

10. 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., visit CropLife Canada’s web site at [www.croplife.ca](http://www.croplife.ca).

11. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

12. When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

13. Custom applicators must use ground boom equipment with an enclosed cab. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.
ENVIRONMENTAL HAZARDS

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

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

NOTE: Refer to broadleaf product labels for additional first aid instructions.

TOXICOLOGICAL INFORMATION

Contains petroleum distillates at greater than 10%. DO NOT induce vomiting. Vomiting may cause aspiration pneumonia. Treat symptomatically.

STORAGE

1. Store the product in original, tightly-closed container and do not allow water to be introduced into this container.

2. DO NOT ship or store the product near food, feed, seed or fertilizers.

3. Store the product in a cool, dry, locked, well-ventilated area without floor drain.

4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.
DISPOSAL

For Recyclable Containers
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. 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.

For Refillable Containers
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 reuse this container for any other purpose.

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.

Non-Recyclable/Non-Refillable/Non-Returnable Containers
1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.

3. Make the empty container unsuitable for further use.

4. Dispose of the container in accordance with provincial requirements.

5. 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.
MERGE® ADJUVANT

EMULSIFIABLE CONCENTRATE

A blend of surfactant with petroleum hydrocarbons for application with various herbicides

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Surfactant blend .................................. 50%
Solvent (petroleum hydrocarbons) .......... 50%

REGISTRATION NO. 24702

PEST CONTROL PRODUCTS ACT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT 1-800-454-2673

WARNING POISON

SKIN IRRITANT

NET CONTENTS: 4 L to 200 L

READ THE LABEL AND BOOKLET BEFORE USING

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

MERGE® is a registered trademark of BASF.
DIRECTIONS FOR USE

MERGE Adjuvant is a blend of surfactant and petroleum hydrocarbons designed for use with various herbicide sprays. Refer to the herbicide label for detailed use instructions and restrictions.

MERGE Adjuvant can be used with the following herbicides:

- Accord® Dry Flowable Herbicide
- Accord® WSB Herbicide
- Equinox® EC Herbicide
- Eragon®
- Heat® WG
- Odyssey® WDG Herbicide
- Poast®Ultra Herbicide
- Solo® WDG Herbicide
- Impact® Herbicide

<table>
<thead>
<tr>
<th>Product</th>
<th>Tank Mix</th>
<th>Crop(s)</th>
<th>Amount of MERGE Adjuvant</th>
<th>Water Volume (L/ha)</th>
<th>Weeds Controlled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accord Dry Flowable Herbicide</td>
<td>NA</td>
<td>Wheat (spring &amp; durum), spring barley, canary seed</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds</td>
</tr>
<tr>
<td></td>
<td>MCPA Amine</td>
<td>Barley</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td>MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buctril® M</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refine® Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buctril M</td>
<td>Wheat (spring &amp; durum)</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td>2,4-D Amine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2,4-D Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MCPA Amine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refine Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Express® Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avenge® 200-C</td>
<td></td>
<td>Wheat (spring only)</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds, wild oats plus additional broadleaf weeds</td>
</tr>
<tr>
<td>Avenge 200-C + Buctril M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avenge 200-C + 2,4-D Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avenge 200-C + MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avenge 200-C + Refine Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buctril M</td>
<td></td>
<td>Canary seed</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td>Product</td>
<td>Tank Mix</td>
<td>Crop(s)</td>
<td>Amount of MERGE Adjuvant</td>
<td>Water Volume (L/ha)</td>
<td>Weeds Controlled</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>---------------------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>Accord WSB Herbicide</td>
<td>NA</td>
<td>Wheat (spring &amp; durum), spring barley, canary seed</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds</td>
</tr>
<tr>
<td></td>
<td>MCPA Amine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buctril M</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refine Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buctril M</td>
<td>Barley</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td>2,4-D Amine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2,4-D Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MCPA Amine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refine Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Express Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avenge 200-C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avenge 200-C + Buctril M</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avenge 200-C + 2,4-D Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avenge 200-C + MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Avenge 200-C + Refine Extra</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buctril M</td>
<td>Wheat (spring &amp; durum)</td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td>Canary seed</td>
<td></td>
<td>1.0%</td>
<td>100</td>
<td>Labelled weeds plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equinox EC Herbicide</td>
<td>NA</td>
<td>Canola (all types, including CLEARFIELD® Canola), CLEARFIELD Canola Quality <em>Brassica juncea</em>, chickpea, dry beans, dry pea, flax (including low linolenic acid varieties), lentils (including CLEARFIELD Lentils), mustard (brown, oriental &amp; yellow), sunflower (all types, including CLEARFIELD Sunflowers)</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled grass weeds, quackgrass</td>
</tr>
<tr>
<td></td>
<td>Odyssey WDG</td>
<td></td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled annual grass weeds, quackgrass plus additional broadleaf weeds</td>
</tr>
<tr>
<td></td>
<td>Buctril M</td>
<td>Flax (including low linolenic acid varieties)</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled annual grass weeds, quackgrass plus additional broadleaf weeds</td>
</tr>
<tr>
<td>Product</td>
<td>Tank Mix</td>
<td>Crop(s)</td>
<td>Amount of MERGE Adjuvant</td>
<td>Water Volume (L/ha)</td>
<td>Weeds Controlled</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------</td>
<td>--------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>---------------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>FlaxMax®</td>
<td>Flax (excluding low linolenic acid varieties)</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled annual grass weeds, quackgrass plus additional broadleaf weeds</td>
<td></td>
</tr>
<tr>
<td>Liberty® 150 SN</td>
<td>LibertyLink® (glufosinate ammonium tolerant) canola</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled annual grass weeds, quackgrass plus additional broadleaf weeds</td>
<td></td>
</tr>
<tr>
<td>Eragon</td>
<td>NA</td>
<td>Barley, wheat (spring, winter, durum)</td>
<td>1 L/ha</td>
<td>100 - 200</td>
<td>Labelled broadleaf weeds</td>
</tr>
<tr>
<td>Glyphosate</td>
<td>Corn (field, sweet), soybeans</td>
<td>1 L/ha</td>
<td>100 - 200</td>
<td>Labelled broadleaf weeds plus additional weeds</td>
<td></td>
</tr>
<tr>
<td>Glyphosate + Pursuit® Herbicide</td>
<td>Soybeans</td>
<td>1 L/ha</td>
<td>100 - 200</td>
<td>Labelled broadleaf weeds plus additional weeds</td>
<td></td>
</tr>
<tr>
<td>Heat WG</td>
<td>NA</td>
<td>Barley, canary seed, chemfallow, chickpea Kabuli, corn (field, sweet), lentils, oats, peas (dried field), soybeans, wheat (spring, durum, winter)</td>
<td>0.5 L/ha</td>
<td>50 - 100</td>
<td>Labelled broadleaf weeds</td>
</tr>
<tr>
<td>Glyphosate</td>
<td>Barley, canary seed, chemfallow, chickpeas, corn (field, sweet), oats, peas (dried field), lentils (including CLEARFIELD Lentils), wheat (spring, durum, winter), soybeans</td>
<td>0.5 L/ha</td>
<td>50 - 100</td>
<td>Labelled broadleaf weeds plus additional weeds</td>
<td></td>
</tr>
<tr>
<td>Product</td>
<td>Tank Mix</td>
<td>Crop(s)</td>
<td>Amount of MERGE Adjuvant</td>
<td>Water Volume (L/ha)</td>
<td>Weeds Controlled</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------</td>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>---------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Impact Herbicide</td>
<td>NA</td>
<td>Field corn (conventional &amp; herbicide tolerant hybrids), sweet corn &amp; seed corn (hybrids &amp; inbred lines)</td>
<td>0.5%</td>
<td>200</td>
<td>Labelled broadleaf and grass weeds</td>
</tr>
<tr>
<td>Aatrex® 480 <strong>OR</strong> Atrazine</td>
<td>Field corn, sweet corn &amp; seed corn (hybrids &amp; inbred lines)</td>
<td>0.5%</td>
<td>200</td>
<td>Labelled broadleaf and grass weeds</td>
<td></td>
</tr>
<tr>
<td>Atrazine + Frontier®</td>
<td>Field corn</td>
<td>0.25%</td>
<td>200</td>
<td>Labelled broadleaf and grass weeds</td>
<td></td>
</tr>
<tr>
<td>Odyssey WDG Herbicide</td>
<td>NA</td>
<td>Field peas, fenugreek (seed uses only), CLEARFIELD Canola (including CLEARFIELD Canola quality Brassica juncea), CLEARFIELD Lentils, soybeans (Western Canada only), seedling &amp; established alfalfa grown for seed, bird’s foot trefoil (seed production)</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled broadleaf and grass weeds</td>
</tr>
<tr>
<td>Lontrel® 360</td>
<td>CLEARFIELD Canola</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled broadleaf and grass weeds and Canada thistle</td>
<td></td>
</tr>
<tr>
<td>Equinox EC</td>
<td>Field peas, CLEARFIELD Lentils</td>
<td>0.5%</td>
<td>50 - 100</td>
<td>Labelled broadleaf and grass weeds, quackgrass, green foxtail, volunteer CLEARFIELD wheat, volunteer barley, volunteer spring wheat, wild oats</td>
<td></td>
</tr>
<tr>
<td>Poast Ultra Herbicide</td>
<td>NA</td>
<td>Various crops as labelled</td>
<td>0.25 - 2.0 L/ha</td>
<td>25 - 200</td>
<td>Labelled grass weeds</td>
</tr>
<tr>
<td>Buctril M</td>
<td>Flax (including low linolenic acid varieties)</td>
<td>0.5 - 2.0 L/ha</td>
<td>50 - 200</td>
<td>Labelled weeds plus additional weeds as listed</td>
<td></td>
</tr>
<tr>
<td>Logic® M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lontrel 360</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lontrel 360 + MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCPA Ester</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muster® + Lontrel 360</td>
<td>Canola (rapeseed)</td>
<td>0.5 – 2.0 L/ha</td>
<td>50 - 200</td>
<td>Labelled weeds plus additional weeds as listed</td>
<td></td>
</tr>
<tr>
<td>Product</td>
<td>Tank Mix</td>
<td>Crop(s)</td>
<td>Amount of MERGE Adjuvant</td>
<td>Water Volume (L/ha)</td>
<td>Weeds Controlled</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------</td>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>---------------------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>Muster</td>
<td>Pursuit® 240</td>
<td>Dry peas</td>
<td>1.0 L/ha</td>
<td>50 - 100</td>
<td>Labelled weeds plus additional weeds as listed</td>
</tr>
<tr>
<td></td>
<td>Liberty 150 SN</td>
<td>Glufosinate tolerant canola (e.g. canola varieties with the LibertyLink symbol)</td>
<td>1.0 L/ha</td>
<td>50 – 100</td>
<td>Labelled weeds plus additional weeds as listed</td>
</tr>
<tr>
<td>Solo WDG Herbicide</td>
<td>NA</td>
<td>Field peas, CLEARFIELD Canola (including canola quality Brassica juncea), CLEARFIELD Sunflowers, CLEARFIELD Lentils</td>
<td>0.5%</td>
<td>100</td>
<td>Labelled broadleaf and grass weeds</td>
</tr>
<tr>
<td></td>
<td>Lontrel Dry</td>
<td>CLEARFIELD Canola</td>
<td>0.5%</td>
<td>100</td>
<td>Labelled broadleaf and grass weeds</td>
</tr>
</tbody>
</table>

**MIXING**

1. Thoroughly clean the sprayer prior to use.  **For appropriate cleaning instructions, refer to the label of the product sprayed previously.**

2. Fill spray tank half full with clean water. Start agitation system.

3. Add the correct amount of herbicide(s) and MERGE Adjuvant and continue filling.

4. After filling, continue agitation.

**SPRAYER CLEAN-OUT**

Follow the following steps and consult each herbicide label used:

1. Immediately after use, thoroughly clean the sprayer by completely filling spray tank with clean water while adding 1 litre of ammonia (containing 3% ammonia) per 100 litres of water. Agitate to mix water and ammonia. Reduce amount of ammonia added proportionally if higher concentrations of ammonia are used. Flush solution through boom and nozzles and then add more water to completely refill the tank. Agitate the solution for at least 15 minutes and then flush the boom and nozzles until the spray tank is empty.

2. Remove the nozzles and screens and clean separately in a bucket containing a cleaning agent and water.

3. Fill spray tank half full with clean water.

4. Agitate to thoroughly rinse the tank and flush the water through the boom.
PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**

2. Do not take internally. Harmful if swallowed or absorbed through the skin.

3. Skin irritant. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing.

4. Wash thoroughly after handling and before eating, drinking or smoking.

5. Wear protective equipment and clothing including goggles or face shield, gloves (rubber, PVC, neoprene or nitrile), hat, long sleeved shirt, trousers and rubber boots.

6. If clothing becomes contaminated, remove and wash separately from household laundry before re-use.

7. Clean spray equipment thoroughly after use.

8. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

FIRST AID

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

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

TOXICOLOGICAL INFORMATION

This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia. Treat symptomatically.
STORAGE

1. Store in original tightly-closed container and do not allow water to be introduced to this container.
2. Do not ship or store near food, feed, seed or fertilizers.
3. Store product in cool, dry, locked, well ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.
5. Product must be stored at temperatures above 5°C (40ºF).

DISPOSAL

For Recyclable Containers
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 any further use.

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

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.

For Returnable-Refillable Containers
For disposal, this 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 reuse this container for any other purpose.

For information on the 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.

ACCORD®, CLEARFIELD®, EQUINOX®, ERAGON®, HEAT®, ODYSSEY®, POAST® and SOLO are registered trademarks of BASF.

©All other products mentioned are trademarks or registered trademarks of their respective companies.
MERGE® ADJUVANT
EMULSIFIABLE CONCENTRATE

A blend of surfactant with petroleum hydrocarbons for application with various herbicides

COMMERCIAL (AGRICULTURAL)

GUARANTEE:  
Surfactant blend ........................................ 50%
Solvent (petroleum hydrocarbons) .......... 50%

REGISTRATION NO.  24702  
PEST CONTROL PRODUCTS ACT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673

WARNING  
POISON
SKIN IRRITANT  
NET CONTENTS:  4 L to 200 L

READ THE LABEL AND BOOKLET BEFORE USING

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

MERGE® is a registered trademark of BASF.
PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN.

2. Do not take internally. Harmful if swallowed or absorbed through the skin.

3. Skin irritant. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing.

4. Wash thoroughly after handling and before eating, drinking or smoking.

5. Wear protective equipment and clothing including goggles or face shield, gloves (rubber, PVC, neoprene or nitrile), hat, long sleeved shirt, trousers and rubber boots.

6. If clothing becomes contaminated, remove and wash separately from household laundry before re-use.

7. Clean spray equipment thoroughly after use.

8. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

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

TOXICOLOGICAL INFORMATION

This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia. Treat symptomatically.
STORAGE

1. Store in original tightly-closed container and do not allow water to be introduced to this container.

2. Do not ship or store near food, feed, seed or fertilizers.

3. Store product in cool, dry, locked, well ventilated area without floor drain.

4. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.

5. Product must be stored at temperatures above 5°C (40°F).

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 any further use.

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

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.