

GROUP	2	HERBICIDE
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SOLO® WDG HERBICIDE

Water Dispersible Granular Herbicide
in water-soluble bags

AGRICULTURAL

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

GUARANTEE: Imazamox 70% a.e.

Warning, contains the allergen sulfites

REGISTRATION NO. 25496 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 470 g (4 x 117.5 g water-soluble bags)

WARNING - 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 BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

DO NOT SELL INDIVIDUAL WATER-SOLUBLE BAGS SEPARATELY

BASF Canada Inc.
100 Milverton Drive
5th Floor
Mississauga, Ontario
L5R 4H1

1-877-371-2273

SOLO® is a registered trademark of BASF.

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PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

DO NOT APPLY BY AIR.

Skin irritant.

WARNING - EYE IRRITANT

May cause eye damage.

Wear a long-sleeved shirt and long pants during all activities, and wear chemical-resistant gloves and goggles or face shield during mixing/loading, clean-up and repair activities.

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

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.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Store above 5°C.

Store in a cool, dry place away from children, animals, food, feed or fertilizers.

Keep unused water-soluble bags in resealed original container.

Keep packages dry at all times.

Keep packages out of rain.

Keep from freezing.

DISPOSAL

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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to non-target plants. Observe buffer zones specified under DIRECTIONS FOR USE.

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 or fine textured such as clay). Avoid application of this product 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.

FOR FIELD PEAS, CLEARFIELD® CANOLA¹ (e.g., canola varieties with the CLEARFIELD trait), CLEARFIELD LENTILS¹ (e.g., lentil varieties with the CLEARFIELD trait), CLEARFIELD SUNFLOWERS¹ (e.g., sunflower varieties with the CLEARFIELD trait) AND CLEARFIELD CANOLA¹ QUALITY *BRASSICA JUNCEA* (e.g. canola quality *Brassica Juncea* varieties with the CLEARFIELD trait)

DIRECTIONS FOR USE (Prairie Provinces and Peace River Area of British Columbia only)

SOLO WDG Herbicide is a selective herbicide that can be applied as an early post-emergence treatment in field peas, CLEARFIELD Canola¹, CLEARFIELD Lentils¹ and CLEARFIELD Canola¹ Quality *Brassica Juncea*.

When SOLO WDG herbicide is applied early post-emergence, absorption may occur through both the roots and foliage. Susceptible weeds stop growing and eventually die.

Apply using ground equipment only. DO NOT APPLY BY AIR.

DO NOT apply more than once per year.

DO NOT graze the treated field peas, CLEARFIELD Canola¹, CLEARFIELD Lentils¹ or CLEARFIELD Canola¹ quality *Brassica Juncea* or cut for hay within 20 days of application.

DO NOT graze treated sunflower plants or cut for straw; sufficient data are not available to support such use.

Pre-harvest Interval: After 60 days, canola, dry edible beans (*Phaseolus vulgaris*), field peas, CLEARFIELD Lentils¹ and CLEARFIELD Canola¹ Quality *Brassica Juncea* can be harvested. Sunflowers can be harvested after 70 days.

Overspray or drift to sensitive habitats should be avoided. A buffer zone of 11 metres is required between the downwind point of direct application and the closest edge of (1) sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), (2) sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) and (3) estuarine or marine habitats.

DO NOT apply during periods of dead calm or when winds are gusty.

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

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

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

BROADLEAF WEED AND GRASS CONTROL

SOLO WDG herbicide at 21 g/ha (15 g a.e./ha) will control only:	
Lamb's-quarters*	Volunteer spring wheat
Stinkweed	(non-CLEARFIELD tolerant wheat)
Wild mustard	
SOLO WDG herbicide at 29 g/ha (20 g a.e./ha) will control:	
Barnyard grass	Volunteer barley
Cleavers*	Volunteer canary seed
Cow cockle	Volunteer canola (non-CLEARFIELD tolerant canola only)
Green foxtail	Volunteer durum wheat
Green smartweed	Volunteer spring wheat (non-CLEARFIELD tolerant wheat)
Japanese brome grass*	Volunteer tame oats
Kochia*	Wild buckwheat*
Lamb's-quarters	Wild mustard
Persian darnel	Wild oats
Redroot pigweed	Yellow foxtail
Round-leaved mallow*	
Russian thistle	
Shepherd's purse	
Stinkweed	

* = suppression only

Apply in 100 L/ha of water with MERGE® Adjuvant at a rate of 0.5% v/v (e.g. 5 L of MERGE Adjuvant per 1000 L spray solution).

CLEARFIELD CANOLA¹ (e.g., canola varieties with the CLEARFIELD trait)

Application should be made from the 2 to 6 true leaf stage of the canola crop and after the weeds have emerged. To control broadleaf weeds, apply SOLO WDG herbicide from the cotyledon to the 4-leaf stage. To control grasses, apply SOLO WDG herbicide from the 1 to 4-true leaf stage until early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.

CLEARFIELD CANOLA¹ QUALITY *BRASSICA JUNCEA* (e.g. canola quality *Brassica Juncea* varieties with the CLEARFIELD trait)

Application should be from the 2 to 6 true leaf stage of the crop and after the weeds have emerged. To control broadleaf weeds, apply SOLO WDG herbicide from the cotyledon to the 4-leaf stage. To control grasses, apply SOLO WDG herbicide from the 1 to 4 true leaf stage until early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.

CLEARFIELD SUNFLOWERS¹ (e.g., sunflower varieties with the CLEARFIELD trait)

Application should be made from the 2 to 8 leaf stage of the sunflower crop and after the weeds have emerged. To control broadleaf weeds, apply SOLO WDG herbicide from the cotyledon up to the 4-leaf stage. To control grasses, apply SOLO WDG herbicide from the 1 to 4-true leaf stage up until early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.

Apply in 100 L/ha of water with MERGE® Adjuvant at a rate of 0.5% v/v (e.g. 5 L of MERGE Adjuvant per 1000 L spray solution).

FOR FIELD PEAS

Application should be made from the 1 to 6 true leaf stage and after weeds have emerged. Apply when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 to 4 true leaf or early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.

CLEARFIELD LENTILS¹ (e.g., lentil varieties with the CLEARFIELD trait)

Application should be made from the 2 to 6 leaf stage of the lentil crop and after the weeds have emerged. To control broadleaf weeds, apply SOLO WDG herbicide from the cotyledon up to the 4-leaf stage. To control grasses, apply SOLO WDG herbicide from the 1 to 4-true leaf stage up until early tillering.

TANK-MIX COMBINATION

SOLO WDG Herbicide + Basagran® Forte Liquid Herbicide in Field Peas

To provide broad-spectrum weed control, SOLO WDG herbicide may be tank-mixed with Basagran Forte Liquid Herbicide in field peas.

Follow all recommendations, precautions and restrictions on the tank-mix partner label.

Timing	Early post-emergence						
Rate	29 g/ha SOLO WDG herbicide + 894 mL/ha Basagran Forte Liquid Herbicide + 2 L/ha nitrogen source** (UAN 28%)						
Water Volume	100 L/ha						
Weeds Controlled	<p>This tank-mix combination will provide enhanced weed control vs. SOLO WDG herbicide alone, as well as control of weeds listed on SOLO WDG Herbicide label. Refer to the Broadleaf Weed and Grass Control Section of this label.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Control</th> <th style="text-align: center;">Suppression</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Volunteer CLEARFIELD Canola</td> <td style="text-align: center;">Wild buckwheat</td> </tr> <tr> <td style="text-align: center;">Wild mustard (Group 2 resistant) Lentils (including CLEARFIELD Lentils)</td> <td style="text-align: center;">Cleavers (including Group 2 resistant biotypes)</td> </tr> </tbody> </table>	Control	Suppression	Volunteer CLEARFIELD Canola	Wild buckwheat	Wild mustard (Group 2 resistant) Lentils (including CLEARFIELD Lentils)	Cleavers (including Group 2 resistant biotypes)
Control	Suppression						
Volunteer CLEARFIELD Canola	Wild buckwheat						
Wild mustard (Group 2 resistant) Lentils (including CLEARFIELD Lentils)	Cleavers (including Group 2 resistant biotypes)						
Remark	<p>Application should be made from the 3 to 6 node stage of field peas and after weeds have emerged. Apply when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 to 4-true leaf or early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.</p> <p>For tank mixing, see mixing instructions.</p>						

**A reduction in grass control can be observed without the addition of nitrogen source (UAN 28%).

SOLO WDG Herbicide + Basagran Forte Liquid Herbicide in Dry Edible Beans (all types of the species *Phaseolus vulgaris)**

To provide broad-spectrum weed control and to reduce the potential for crop injury SOLO WDG herbicide must be tank-mixed with Basagran Forte Liquid Herbicide in dry edible beans.

Timing	Early post-emergence								
Rate	0.029 kg/ha SOLO WDG herbicide + 1.25 L/ha Basagran Forte Liquid Herbicide + 2 L/ha nitrogen source** (UAN 28%)								
Water Volume	100 L/ha								
Weeds Controlled	<p>This tank-mix combination will provide enhanced weed control vs. SOLO WDG herbicide alone, as well as control of weeds listed on SOLO WDG Herbicide label. Refer to the Broadleaf Weed and Grass Control Section of this label.</p> <table border="1"> <thead> <tr> <th>Control</th> <th>Suppression</th> </tr> </thead> <tbody> <tr> <td>Group 2 resistant wild mustard</td> <td>Prostrate pigweed</td> </tr> <tr> <td>Stork's bill</td> <td>Spiny annual sow thistle</td> </tr> <tr> <td>Volunteer canola (including biotypes with the CLEARFIELD [CL], ROUNDUP READY and LIBERTY LINK traits)</td> <td>Wild buckwheat</td> </tr> </tbody> </table> <p>**Nitrogen source: A reduction in grass control can be observed without the addition of nitrogen source (UAN 28%).</p>	Control	Suppression	Group 2 resistant wild mustard	Prostrate pigweed	Stork's bill	Spiny annual sow thistle	Volunteer canola (including biotypes with the CLEARFIELD [CL], ROUNDUP READY and LIBERTY LINK traits)	Wild buckwheat
Control	Suppression								
Group 2 resistant wild mustard	Prostrate pigweed								
Stork's bill	Spiny annual sow thistle								
Volunteer canola (including biotypes with the CLEARFIELD [CL], ROUNDUP READY and LIBERTY LINK traits)	Wild buckwheat								
Remark	<p>Solo WDG Herbicide is only registered for use on dry beans when tank-mixed with Basagran Forte Liquid Herbicide + UAN.</p> <p>Application should be made after 1st trifoliate leaf has fully expanded up to the 2nd trifoliate leaf stage of the dry bean and after weeds have emerged. Apply when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 to 4-true leaf or early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.</p> <p>For tank mixing, see mixing instructions.</p> <p>Follow all recommendations, precautions and restrictions on the tank-mix partner label.</p> <p>Do not harvest the treated crop within 60 days of application.</p>								
*Warning	<p>Only the following dry bean types have been tested and demonstrate acceptable tolerance: Pinto, pink, red mexican, cranberry, black, great northern and navy.</p> <p>Since not all types of dry beans of the species <i>Phaseolus vulgaris</i> have been tested, first application should be limited to a small area or consult your seed supplier or BASF Business Representative for more information.</p>								

NOTE TO USER

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than BASF Canada and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. BASF Canada itself makes no representation or warranty with respect to performance (efficacy) and crop tolerance (phytotoxicity) claims for this product when used on the crops listed above.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerances arising, and agree to hold BASF Canada harmless from any claims based on efficacy or phytotoxicity in connection with the uses described above.

Dry common bean varieties may vary in their tolerance to herbicides, including to **SOLO WDG Herbicide + Basagran Forte Liquid Herbicide** tank mix. In particular, white (navy) beans are more susceptible to herbicide injury which can result in delayed maturity. Since not all dry common bean varieties have been tested for tolerance to **SOLO WDG Herbicide + Basagran Forte Liquid Herbicide** tank mix, first use of **this tank mix** should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice.

**SOLO WDG Herbicide + Lontrel Dry Soluble Granular Herbicide in CLEARFIELD Canola¹
(e.g. canola varieties with the CLEARFIELD trait)**

SOLO WDG herbicide may be tank-mixed with Lontrel Dry soluble granular herbicide in CLEARFIELD Canola¹ (e.g. canola varieties with the CLEARFIELD trait).

Timing	Early post-emergence						
Rate	29 g/ha SOLO WDG Herbicide + 100 g/ha Lontrel Dry Granular Herbicide						
Water Volume	100 L/ha						
Surfactant/Adjuvant	Add MERGE Adjuvant – 0.5% v/v						
Weeds Controlled	<p>This tank-mix combination will provide control of weeds as listed on the SOLO WDG Herbicide. Refer to Broadleaf weed and Grass control Section.</p> <p>Improved weed control with the tank mix vs. SOLO WDG Herbicide alone.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Control</th> <th>Top Growth Control</th> </tr> </thead> <tbody> <tr> <td>Wild buckwheat</td> <td>Canada thistle</td> </tr> <tr> <td>Annual sow thistle</td> <td>Perennial sow thistle</td> </tr> </tbody> </table>	Control	Top Growth Control	Wild buckwheat	Canada thistle	Annual sow thistle	Perennial sow thistle
Control	Top Growth Control						
Wild buckwheat	Canada thistle						
Annual sow thistle	Perennial sow thistle						
Remark	<p>Application should be made from the 2 to 6 leaf stage of the canola crop and after the weeds have emerged.</p> <p>To control broadleaf weeds, apply SOLO WDG herbicide from the cotyledon to the 4-leaf stage. To control grasses, apply SOLO WDG herbicide from the 1 to 4 true leaf stage until early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.</p> <p>For tank mixing, see mixing instructions.</p> <p>Refer to Tank mix rotational crop restrictions for details.</p>						

Tank Mix Rotational Crop Restrictions

**SOLO WDG Herbicide + Lontrel Dry Soluble Granular Herbicide in CLEARFIELD Canola¹
(e.g. canola varieties with the CLEARFIELD trait)**

Fields previously treated with tank mix can be seeded to wheat, barley, oats and rye (not underseeded to forage legumes, clover or alfalfa), canola, corn, field peas, flax, forage grasses or can be summer-fallowed. Seed only those crops listed above in the year following treatment.

Do not seed to field peas for at least 10 months following treatment. Very dry soil conditions following application can result in a risk of injury to field peas grown in rotation. If severe drought conditions are experienced during the months of June to August inclusive in the year of application, delay seeding field peas an additional 12 months (total 22 months following application).

Contact your local BASF Canada representative or retailer for more information before seeding field peas following drought conditions in the previous year.

Tank Mix Pre-harvest / Grazing Interval

Do not harvest the treated crop within 60 days of application.

MIXING INSTRUCTIONS

1. Use 100 L/ha of water.
2. Use a 50-mesh (or coarser) filter screen.
3. Fill the spray tank with three-quarters of the required amount of clean water, start agitation and continue agitation throughout the entire mixing and spraying procedure.
4. Add the required amount of SOLO WDG herbicide soluble bag(s) directly into the sprayer through the tank opening.
5. For SOLO WDG Herbicide+ Basagran Forte liquid herbicide tank mix, add Basagran Forte Liquid Herbicide followed by recommended amount of nitrogen source (UAN 28%).
6. For SOLO WDG Herbicide + Lontrel Dry soluble granular herbicide tank mix, add recommended Lontrel Dry soluble granular herbicide.
7. Agitate for at least ten minutes to dissolve the herbicide. After the herbicide is dissolved, continue agitation.
8. If required, add the required amount of MERGE Adjuvant. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT®).
9. **DO NOT** use MERGE Adjuvant for SOLO WDG herbicide + Basagran Forte Liquid Herbicide tank mix.
10. Complete filling the tank to the desired level with water. If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again.
11. Between loads of SOLO WDG Herbicide, Basagran Forte Liquid Herbicide or Lontrel Dry soluble granular herbicide, check in-line and nozzle screens and rinse clean if necessary.
12. Upon completion of spraying SOLO WDG herbicide or the tank mix, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.

FOLLOW CROPPING

Winter wheat can be planted 3 months after treatment (3 MAT) as a rotational crop.

Initial crop injury to non-CLEARFIELD canola may be observed. Avoid spray overlap as yield reduction may result. The following crops may be grown safely the year following an application:

Canary seed
Field corn
Field peas
CLEARFIELD Canola¹ (e.g., canola varieties with the CLEARFIELD trait)
Non-CLEARFIELD canola
Lentils
Spring wheat
Durum wheat
Spring barley
Sunflower
Tame oats
Flax

Chickpeas

CLEARFIELD Sunflowers¹ (e.g., sunflower varieties with the CLEARFIELD trait)

The following crop may be grown safely two years following an application:

Mustard (condiment type only)

There are insufficient data for other follow crops. Conduct a field bioassay (a test strip grown to maturity) the year before growing any crop other than those listed above.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, SOLO WDG herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to SOLO WDG herbicide and other Group 2 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 SOLO WDG herbicide or other Group 2 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.

BASAGRAN® FORTE, CLEARFIELD® and MERGE® are registered trademarks of BASF.

®All other products listed are registered trademarks of their respective companies.

¹*Methods 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.*

GROUP

2

HERBICIDE

SOLO® WDG HERBICIDE

Water Dispersible Granular Herbicide
in water-soluble bags

AGRICULTURAL

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

GUARANTEE: Imazamox 70% a.e.

Warning, contains the allergen sulfites

REGISTRATION NO. 25496 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 470 g (4 x 117.5 g water-soluble bags)

WARNING - EYE IRRITANT

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INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673

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

DO NOT SELL INDIVIDUAL WATER-SOLUBLE BAGS SEPARATELY

BASF Canada Inc.
100 Milverton Drive
5th Floor
Mississauga, Ontario
L5R 4H1

1-877-371-2273

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©BASF Canada Inc., 1998

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

DO NOT APPLY BY AIR.

Skin irritant.

WARNING - EYE IRRITANT

May cause eye damage.

Wear a long-sleeved shirt and long pants during all activities, and wear chemical-resistant gloves and goggles or face shield during mixing/loading, clean-up and repair activities.

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

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.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Store above 5°C.

Store in a cool, dry place away from children, animals, food, feed or fertilizers.

Keep unused water-soluble bags in resealed original container.

Keep packages dry at all times.

Keep packages out of rain.

Keep from freezing.

DISPOSAL

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.

SOLO WDG HERBICIDE

70% Water Dispersible Granular Herbicide

AGRICULTURAL

NET CONTENTS: 117.5 g

GUARANTEE: Imazamox ... 70% active (a.e.)

Warning, contains the allergen sulfites

WARNING - EYE IRRITANT

KEEP OUT OF REACH OF CHILDREN

(Container)



Lontrel*Dry

Soluble Granular Herbicide

GROUP	4	HERBICIDE
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**FOR THE CONTROL OF CANADA THISTLE, WILD BUCKWHEAT AND PERENNIAL SOW THISTLE
(TOP GROWTH CONTROL) IN CANOLA**

FOR SALE FOR USE IN WESTERN CANADA ONLY

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: clopyralid 75%
(present as potassium salt)

REGISTRATION NO. 27306 PEST CONTROL PRODUCTS ACT

CAUTION - POISON
EYE IRRITANT

NET CONTENTS: 800 g - bulk

Dow AgroSciences Canada Inc.
Suite 2100, 450 - 1 Street S.W.
Calgary, Alberta
T2P 5H1
1-800-667-3852

*Trademark of Dow AgroSciences LLC

PRECAUTIONS

CAUTION - EYE IRRITANT

KEEP OUT OF REACH OF CHILDREN

DO NOT APPLY BY AIR

Avoid contact with eyes, skin and clothing. Harmful if inhaled. Avoid inhaling/breathing dust, vapours or spray mist.

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.

AT ALL TIMES: Wear clean, body-covering coveralls.

During mixing and loading and clean-up and repair: Wear goggles or face shield and chemical resistant gloves.

At Completion of Spraying or End of the Day: Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse.

FIRST AID

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

If swallowed: Induce vomiting if large amounts are ingested. Consult medical personnel or call a poison control centre **IMMEDIATELY**.

If in eyes: Irrigate with flowing water **IMMEDIATELY** and continuously for 15 minutes. Consult medical personnel or contact a poison control centre.

If on skin: Wash off with soap and flowing water.

If inhaled: Remove individual to fresh air if breathing difficulty occurs. Get medical attention or contact a poison control centre **IMMEDIATELY**.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

ENVIRONMENTAL HAZARDS

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

STORAGE

Store away from food, feedstuff, fertilizer, seeds, insecticides, fungicides or other pesticides or herbicides intended to be used on crops sensitive to Lontrel Dry Soluble Granular Herbicide. Store in heated storage; if product is frozen, bring to room temperature and agitate before use.

DISPOSAL

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

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

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

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.

PRECAUTIONS**CAUTION - EYE IRRITANT****KEEP OUT OF REACH OF CHILDREN****DO NOT APPLY BY AIR**

Avoid contact with eyes, skin and clothing. Harmful if inhaled. Avoid inhaling/breathing dust, vapours or spray mist.

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.

AT ALL TIMES: Wear clean, body-covering coveralls.

During mixing and loading and clean-up and repair: Wear goggles or face shield and chemical resistant gloves.

At Completion of Spraying or End of the Day: Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse.

FIRST AID

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

If swallowed: Induce vomiting if large amounts are ingested. Consult medical personnel or call a poison control centre **IMMEDIATELY**.

If in eyes: Irrigate with flowing water **IMMEDIATELY** and continuously for 15 minutes. Consult medical personnel or contact a poison control centre.

If on skin: Wash off with soap and flowing water.

If inhaled: Remove individual to fresh air if breathing difficulty occurs. Get medical attention or contact a poison control centre **IMMEDIATELY**.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

ENVIRONMENTAL HAZARDS

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

STORAGE

Store away from food, feedstuff, fertilizer, seeds, insecticides, fungicides or other pesticides or herbicides intended to be used on crops sensitive to Lontrel Dry Soluble Granular Herbicide. Store in heated storage; if product is frozen, bring to room temperature and agitate before use.

DISPOSAL**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.

Returnable Containers:

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

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.

**GENERAL USE PRECAUTIONS
VEGETATION AND CROP PRECAUTIONS****Sensitive Plants**

Do not apply Lontrel Dry Soluble Granular Herbicide directly to, or otherwise permit it to come into contact with sunflowers, legumes (such as peas, beans, lentils or alfalfa), fruit or vegetable crops, flowers or other desirable broadleaved plants. Take precautions to prevent spray mists containing Lontrel Dry Soluble Granular Herbicide to drift onto the above plants. Residues of Lontrel Dry Soluble Granular Herbicide can remain in the soil following the year of use, thereby affecting growth of sensitive crops.

Non-Target Sites

Avoid contamination of non-target land, water or irrigation ditches. Do not use Lontrel Dry Soluble Granular Herbicide in the following areas: standing or flowing water; the inner banks or bottoms of irrigation ditches; in areas where surface water can run off to adjacent croplands either planted or to be planted to sensitive crops.

Crop Rotation

Fields previously treated with Lontrel Dry Soluble Granular Herbicide can be seeded the following year to wheat, barley, oats, rye (not underseeded with legumes, clover or alfalfa), forage grasses, flax, canola, mustard or can be summerfallowed.

Do not seed to crops other than those listed above in the calendar year following treatment.

Tank Mixtures

Do not mix or apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label.

Grazing and Harvesting for Feed

Crops or areas treated with this product may be grazed immediately following treatment.

Manure and Straw

Residues of the herbicide occurring in the straw may be harmful to susceptible plants; therefore, do not use straw or crop residue from treated crops for composting or mulching susceptible broadleaved crops. If the straw or crop residue is used for animal bedding or feed, return the manure to fields to be planted to clopyralid tolerant crops such as wheat, oats, rye, forage grasses, canola or flax. Do not grow susceptible crops such as peas, beans, lentils, potatoes, sunflowers or other sensitive crops on land which has been mulched with straw containing Lontrel Dry Soluble Granular Herbicide residues within the last 12 months.

SPRAY EQUIPMENT AND CONTAINER PRECAUTION**DO NOT APPLY BY AIR.**

To Reduce Spray Drift:

1. Use nozzles that deliver higher volumes and coarser droplets.
2. Use low pressures (200 to 275 kPa).
3. Use 100 to 200 L/ha of spray solution.
4. Spray when the wind velocity is 15 km/h or less.

Equipment Clean-Up

Equipment used to apply Lontrel Dry Soluble Granular Herbicide should not be used to apply other pesticides to sensitive crops without thorough cleaning. Contact your Lontrel Dry Soluble Granular Herbicide dealer for detailed equipment cleaning procedure.

APPLICATION DIRECTIONS

Do not apply Lontrel Dry Soluble Granular Herbicide more than once per year.

Spray Preparation

To prepare the spray solution, add about half the desired amount of water to the spray tank, then with mechanical or bypass agitation, add the recommended amount of Lontrel Dry Soluble Granular Herbicide. Mix thoroughly in the tank. Finally with continued agitation, add the rest of the water.

DIRECTIONS FOR USE (Lontrel Dry Soluble Granular Herbicide alone)

READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE.

CANOLA (Western Canada Only)

For use on Polish and Argentine varieties. Lontrel Dry Soluble Granular Herbicide should be diluted with water and applied at the 2 to 6 leaf stage of the crop to effectively control the weed species in the following table. For specific directions for control of only Canada thistle, see the Control of Canada Thistle section.

Weeds Controlled	Rate	For Optimum Results
Canada thistle (top growth)	200 g/ha	1. Treat when weeds are actively growing 2. Use 100 to 200 L/ha spray solution for uniform coverage
Canada thistle wild buckwheat perennial sow-thistle (top growth)	267 g/ha	

NOTE: If the sprayer has been previously used to apply herbicides which contain 2,4-D or MCPA, it is imperative that the spray equipment be thoroughly cleaned before Lontrel Dry Soluble Granular Herbicide is mixed in the spray tank. Trace contamination of the spray solution with these herbicides will result in damage to the canola.

Control of Canada Thistle

For in crop control of top growth of Canada thistle, apply Lontrel Dry Soluble Granular Herbicide at the rate of 200g/ha. This will suppress top growth of Canada thistle for 6 to 8 weeks. Some regrowth may occur by the end of the season but this will not interfere with the harvesting of the crop.

For season long control of top growth of Canada thistle, apply Lontrel Dry Soluble Granular Herbicide at the rate of 267g/ha. This rate will generally provide season-long control of Canada thistle. Not all thistle roots will be killed and some regrowth may occur by the end of the growing season.

Applications of Lontrel Dry Soluble Granular Herbicide should be made when Canada thistle is in the rosette to pre-bud stage of growth. Best results are obtained when Canada thistle is actively growing and soil moisture is adequate for rapid growth. Under dry soil conditions and poor growing conditions, control of Canada thistle may be severely reduced. Applications of Lontrel Dry Soluble Granular Herbicide made after the Canada thistle flower has reached the purple bud stage will not provide satisfactory control.

TANK MIX COMBINATION - Lontrel Dry Soluble Granular Herbicide + Odyssey¹ Herbicide in CLEARFIELD² canola varieties

Lontrel Dry Soluble Granular Herbicide may be tank mixed with Odyssey Herbicide to control weeds in canola varieties tolerant to imidazolinone herbicides (CLEARFIELD canola). This tank mix will provide control of wild buckwheat, and top growth control of Canada thistle and perennial sowthistle in addition to weeds controlled by Odyssey Herbicide. Apply 200-267 g/ha Lontrel Dry Soluble Granular Herbicide with 29-42 g/ha of Odyssey Herbicide. Lontrel Dry Soluble Granular Herbicide at 200 g/ha will suppress top growth of Canada thistle for 6-8 weeks and at 267 g/ha will provide season-long control of Canada thistle and perennial sowthistle. Follow all relevant use directions including precautions, restrictions, and limitations on both tank-mix partner labels.

Mixing Instructions

Fill sprayer tank ½ full of water

1. Start sprayer agitation
2. Add the required amount of Odyssey Herbicide and agitate for at least 10 minutes
3. After Odyssey Herbicide has dissolved, add the required amount of Lontrel Dry Soluble Granular Herbicide and continue to agitate
4. After the Lontrel Dry Soluble Granular Herbicide has dissolved, continue agitation and add Merge³ adjuvant at a rate of 0.5% v/v (0.5 L of Merge per 100 L of spray mixture).
5. Complete filling the spray tank with sufficient water to apply 100 L of spray mixture per hectare.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Lontrel Dry Soluble Granular Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Lontrel Dry Soluble Granular 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 Lontrel Dry Soluble Granular 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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or at www.dowagro.ca.

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.

^{1, 2, 3} Odyssey, Merge and CLEARFIELD are trademarks of BASF Canada Inc.

020707

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
 Impact® Herbicide

Odyssey® WDG Herbicide
 Poast®Ultra Herbicide
 Solo® WDG Herbicide

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Accord Dry Flowable Herbicide	NA	Wheat (spring & durum), spring barley, canary seed	1.0%	100	Labelled weeds
	MCPA Amine	Barley	1.0%	100	Labelled weeds plus additional broadleaf weeds
	MCPA Ester				
	Buctril® M				
	Refine® Extra	Wheat (spring & durum)	1.0%	100	Labelled weeds plus additional broadleaf weeds
	Buctril M				
	2,4-D Amine				
	2,4-D Ester				
	MCPA Amine				
	MCPA Ester				
	Refine Extra	Wheat (spring only)	1.0%	100	Labelled weeds, wild oats plus additional broadleaf weeds
	Express® Pack				
	Avenge® 200-C				
	Avenge 200-C + Buctril M				
	Avenge 200-C + 2,4-D Ester				
	Avenge 200-C + MCPA Ester	Canary seed	1.0%	100	Labelled weeds plus additional broadleaf weeds
	Avenge 200-C + Refine Extra				
	Buctril M				

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Accord WSB Herbicide	NA	Wheat (spring & durum), spring barley, canary seed	1.0%	100	Labelled weeds
	MCPA Amine	Barley	1.0%	100	Labelled weeds plus additional broadleaf weeds
	MCPA Ester				
	Buctril M				
	Refine Extra				
	Buctril M	Wheat (spring & durum)	1.0%	100	Labelled weeds plus additional broadleaf weeds
	2,4-D Amine				
	2,4-D Ester				
	MCPA Amine				
	MCPA Ester				
	Refine Extra				
	Express Pack	Wheat (spring only)	1.0%	100	Labelled weeds, wild oats plus additional broadleaf weeds
	Avenge 200-C				
	Avenge 200-C + Buctril M				
	Avenge 200-C + 2,4-D Ester				
	Avenge 200-C + MCPA Ester				
Avenge 200-C + Refine Extra	Canary seed	1.0%	100	Labelled weeds plus additional broadleaf weeds	
Buctril M					
Equinox EC Herbicide	NA	Canola (all types, including CLEARFIELD® Canola), CLEARFIELD Canola Quality <i>Brasica juncea</i> , chickpea, dry beans, dry pea, flax (including low linolenic acid varieties), lentils (including CLEARFIELD Lentils), mustard (brown, oriental & yellow), sunflower (all types, including CLEARFIELD Sunflowers)	0.5%	50 - 100	Labelled grass weeds, quackgrass
	Odyssey WDG	Field peas, CLEARFIELD Canola, CLEARFIELD Canola Quality <i>Brasica juncea</i> , CLEARFIELD Lentils	0.5%	50 - 100	Labelled annual grass weeds, quackgrass plus additional broadleaf weeds
	Buctril M	Flax (including low linolenic acid varieties)	0.5%	50 - 100	Labelled annual grass weeds, quackgrass plus additional broadleaf weeds

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
	FlaxMax®	Flax (excluding low linolenic acid varieties)	0.5%	50 - 100	Labelled annual grass weeds, quackgrass plus additional broadleaf weeds
	Liberty® 150 SN	LibertyLink® (glufosinate ammonium tolerant) canola	0.5%	50 - 100	Labelled annual grass weeds, quackgrass plus additional broadleaf weeds
Eragon	NA	Barley, wheat (spring, winter, durum)	1 L/ha	100 - 200	Labelled broadleaf weeds
	Glyphosate	Corn (field, sweet), soybeans	1 L/ha	100 - 200	Labelled broadleaf weeds plus additional weeds
	Glyphosate + Pursuit® Herbicide	Soybeans	1 L/ha	100 - 200	Labelled broadleaf weeds plus additional weeds
Heat WG	NA	Barley, canary seed, chemfallow, chickpea Kabuli, corn (field, sweet), lentils, oats, peas (dried field), soybeans, wheat (spring, durum, winter)	0.5 L/ha	50 - 100	Labelled broadleaf weeds
	Glyphosate	Barley, canary seed, chemfallow, chickpeas, corn (field, sweet), oats, peas (dried field), lentils (including CLEARFIELD Lentils), wheat (spring, durum, winter), soybeans	0.5 L/ha	50 - 100	Labelled broadleaf weeds plus additional weeds

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Impact Herbicide	NA	Field corn (conventional & herbicide tolerant hybrids), sweet corn & seed corn (hybrids & inbred lines)	0.5%	200	Labelled broadleaf and grass weeds
	Aatrex® 480 OR Atrazine	Field corn, sweet corn & seed corn (hybrids & inbred lines)	0.5%	200	Labelled broadleaf and grass weeds
	Atrazine + Frontier®	Field corn	0.25%	200	Labelled broadleaf and grass weeds
Odyssey WDG Herbicide	NA	Field peas, fenugreek (seed uses only), CLEARFIELD Canola (including CLEARFIELD Canola quality <i>Brassica juncea</i>), CLEARFIELD Lentils, soybeans (Western Canada only), seedling & established alfalfa grown for seed, bird's foot trefoil (seed production)	0.5%	50 - 100	Labelled broadleaf and grass weeds
	Lontrel® 360	CLEARFIELD Canola	0.5%	50 - 100	Labelled broadleaf and grass weeds and Canada thistle
	Equinox EC	Field peas, CLEARFIELD Lentils	0.5%	50 - 100	Labelled broadleaf and grass weeds, quackgrass, green foxtail, volunteer CLEARFIELD wheat, volunteer barley, volunteer spring wheat, wild oats
Poast Ultra Herbicide	NA	Various crops as labelled	0.25 - 2.0 L/ha	25 - 200	Labelled grass weeds
	Buctril M	Flax (including low linolenic acid varieties)	0.5 - 2.0 L/ha	50 - 200	Labelled weeds plus additional weeds as listed
	Logic® M				
	Lontrel 360				
	Lontrel 360 + MCPA Ester				
	MCPA Ester	Canola (rapeseed)	0.5 – 2.0 L/ha	50 - 200	Labelled weeds plus additional weeds as listed
	Muster® + Lontrel 360				
Lontrel 360					

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
	Muster				
	Pursuit® 240	Dry peas	1.0 L/ha	50 - 100	Labelled weeds plus additional weeds as listed
	Liberty 150 SN	Glufosinate tolerant canola (e.g. canola varieties with the LibertyLink symbol)	1.0 L/ha	50 – 100	Labelled weeds plus additional weeds as listed
Solo WDG Herbicide	NA	Field peas, CLEARFIELD Canola (including canola quality <i>Brassica juncea</i>), CLEARFIELD Sunflowers, CLEARFIELD Lentils	0.5%	100	Labelled broadleaf and grass weeds
	Lontrel Dry	CLEARFIELD Canola	0.5%	100	Labelled broadleaf and grass weeds

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 (40°F).

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

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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

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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

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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.
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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 5⁰C (40⁰F).

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.
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