

BASF

MERGE Adjuvant

A component of FlaxMax Herbicide Tank Mix

A blend of surfactant with petroleum hydrocarbons.

COMMERCIAL (AGRICULTURAL)

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

REGISTRATION NO. 25818

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: 8.1 L

**READ THE LABEL AND ENCLOSED BOOKLET BEFORE USING.
SHAKE WELL BEFORE USING.**

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

FLAXMAX ULTRA is a registered trademark of BASF AG, used under license by BASF Canada.
MERGE is a registered trademark of BASF Canada Inc.

MERGE is a blend of surfactant and petroleum hydrocarbons designed for use with **FLAXMAX Herbicide Tank Mix**. Refer to the **FLAXMAX Herbicide Tank Mix** booklet for detailed use instructions.

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

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 FOR MERGE ADJUVANT:

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/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:

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.

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.

FLAXMAX® HERBICIDE TANK MIX

Post-emergence herbicide tank mix for control of annual grasses, broadleaf weeds including Canada thistle in flax, excluding low linolenic acid varieties (Prairie Provinces only).

AGRICULTURAL

This herbicide tank mix concept contains:

GUARANTEE:

POAST ULTRA HERBICIDE:	Sethoxydim	450 g/L
REGISTRATION NO. 25820	PEST CONTROL PRODUCTS ACT	

GUARANTEE:

FLAXMAX HERBICIDE:	Clopyralid (present as acid)	50 g a.e./L
	MCPA (present as 2-ethylhexyl ester)	280 g a.e./L
REGISTRATION NO. 25819	PEST CONTROL PRODUCTS ACT	

GUARANTEE:

MERGE ADJUVANT:	Surfactant blend ... 50%	Solvent (petroleum hydrocarbons)... 50%
REGISTRATION NO. 25818	PEST CONTROL PRODUCTS ACT	



WARNING

POISON

SKIN AND EYE IRRITANT

NET CONTENTS:	1 x 3.65 L	POAST® ULTRA Herbicide
	2 x 8.1 L	FLAXMAX® Herbicide
	1 x 8.1 L	MERGE® Adjuvant

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**READ ALL THE LABELS AND THE ENCLOSED BOOKLET BEFORE USING.
KEEP OUT OF REACH OF CHILDREN.**

BASF Canada Inc.
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**FLAXMAX Herbicide Tank Mix will treat
8 ha at the high rate or 11 ha at the low rate.**

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MERGE® is a registered trademark of BASF Canada Inc.

DIRECTIONS FOR USE:

INTRODUCTION:

FLAXMAX Herbicide Tank Mix is a combination tank mix of **POAST ULTRA Herbicide**, **MERGE Adjuvant** and **FLAXMAX Herbicide** for the control of most broadleaf and grass weeds occurring in flax, excluding low linolenic acid varieties (Prairie Provinces only).

Apply to flax when the crop is 5 - 15 cm tall. Early spraying will reduce the risk of crop injury. Apply **FLAXMAX** herbicide tank mix in 100 L/ha total spray volume by ground equipment at spray pressures of 240 - 275 kPa. For optimum spray coverage, use 80° – 110° stainless steel flat fan 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.

For best results, apply to actively growing weeds and when crop is small enough to permit thorough spray coverage.

**APPLICATION RATES OF THE TANK MIX COMPONENTS FOR SPECIFIC WEEDS
CONTROLLED (Spray volume 100 L/ha):**

GRASS SPECIES	GRASS LEAF STAGE	POAST ULTRA RATE (L/ha)	FLAXMAX RATE (L/ha)	MERGE RATE (L/ha)	Hectares Treated
Annual Grasses: Barnyard grass, crabgrass (large), fall panicum, foxtail (green/yellow; wild millet), persian darnel, proso millet, volunteer corn, witchgrass.	1-6	0.32	1.5	0.75	11.0
Wild Oats and Volunteer Cereals: Wild oats, volunteer barley and volunteer wheat.	1-4	0.32	1.5	0.75	11.0
Annual Broadleaf Weeds: Flixweed, lamb's-quarters, shepherd's purse, stinkweed, wild mustard, and volunteer sunflower.	2-4*	0.32	1.5	0.75	11.0
Perennial Weeds: Canada thistle** - light infestations.	10 cm to early bud stage	0.32	1.5	0.75	11.0
Annual Grasses: Barnyard grass, crabgrass (large), fall panicum, foxtail (green/yellow; wild millet), persian darnel, proso millet, volunteer corn, witchgrass.	1-6	0.47	2.0	1.0	8.0
Wild Oats and Volunteer Cereals: Wild oats, volunteer barley and volunteer wheat.	1-6	0.47	2.0	1.0	8.0
Annual Broadleaf Weeds: Flixweed, lamb's-quarters, shepherd's purse, stinkweed, wild mustard and volunteer sunflower, annual sow-thistle, common groundsel, redroot pigweed, Russian pigweed, scentless chamomile, smartweed, tartary buckwheat, volunteer canola, and wild buckwheat.	2-4*	0.47	2.0	1.0	8.0
Perennial Weeds: Dandelion	spring rosette stage	0.47	2.0	1.0	8.0
Perennial Weeds: Perennial sow-thistle	top growth	0.47	2.0	1.0	8.0
Perennial Weeds: Canada thistle	medium to heavy	0.47	2.0	1.0	8.0

* Treatments made to broadleaf weeds after the 4 leaf stage may result in less than satisfactory control.

**Season long control with some potential regrowth in the fall.

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.

Do not delay spraying broadleaf weeds if grassy weeds are not in the correct stage for treatment.

SPRAY TANK MIXING SEQUENCE:

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 **FLAXMAX Herbicide.**
4. Add the correct amount of **POAST ULTRA Herbicide.**
5. Add the correct amount of **MERGE Adjuvant**, along with the remaining amount of water necessary to fill the spray tank.
6. After filling, continue agitation.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Do not allow the mixture to sit over night.
8. Immediately after use, thoroughly clean the sprayer by rinsing it with clean water.

NOTE: NOT TO BE USED FOR AERIAL APPLICATION.

WARNINGS:

SENSITIVE PLANTS:

Do not apply **FLAXMAX Herbicide Tank Mix** directly to, or otherwise permit it to come into contact with grass, cereal, corn, turf, sunflowers, legumes, fruit or vegetable crops, flowers or other desirable broadleaf plants and take precautions to avoid spray mists drifting onto them.

REPLANTING:

Allow a minimum of 14 days between application of **FLAXMAX Herbicide Tank Mix** and replanting of barley, flax, oat or wheat crop. A cultivation to a minimum depth of 10 cm is recommended 7 days prior to seeding. Refer to “Sensitive Plants” and “Crop Rotation” sections for other crop recommendations.

CROP ROTATION:

Flax fields treated with **FLAXMAX** Herbicide Tank Mix can be seeded to barley, canola, corn, flax, mustard, oats, rye, sugar beets, wheat 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 the treated crop or cut for hay; sufficient data are not available to support such use.

PRE-HARVEST INTERVAL:

Sixty (60) days is required after application, before harvesting the mature crop.

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 or re-tillering 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.**

Avoid application under humid and especially hot and humid conditions. Do not apply tank mix during flowering. Caution should be taken to avoid non-uniform applications, e.g. overlapping.

Do not apply if rain is forecast within six hours.

TO REDUCE SPRAY DRIFT:

1. Use coarse sprays at low pressures (240 - 275 kPa).
2. Use 100 L/ha of spray solution.
3. Spray when the wind velocity is 16 km/h or less.

EQUIPMENT CLEAN-UP:

Equipment used to apply **FLAXMAX Herbicide Tank Mix** should not be used to apply other pesticides to sensitive crops without thorough cleaning. Wash sprayer thoroughly after use to avoid damage to the next crop sprayed, especially if it is a cereal, forage or corn crop.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, **FLAXMAX** is Group 1 and Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to **FLAXMAX** and other Group 1 and 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** or other Group 1 and 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

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, smoking or going to the washroom. Take a shower immediately after work.
5. During spraying or application, wear protective equipment and clothing, including hat, long sleeved shirt, trousers and rubber boots. Wear goggles or face shield, chemical resistant gloves (rubber, PVC, neoprene or nitrile) and apron during mixing, loading, repair and cleanup or when handling the concentrate.
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.

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FIRST AID INSTRUCTIONS FOR THE TANK MIX:

- 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/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.

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

TOXICOLOGICAL INFORMATION:

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. There is no specific antidote. Supportive care should be given. Treatment is based on the 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 containers and do not allow water to be introduced into the containers.
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 products are 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.
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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.