Approved Label
2023-4921
2026-10-05

GROUP	**2**	**HERBICIDE**
GROUP	**4**	**HERBICIDE**

DB-6654 HERBICIDE

Wettable Granules

FOR SALE FOR USE ON WHEAT (SPRING AND DURUM) AND SPRING BARLEY

COMMERCIAL (AGRICULTURAL)

REGISTRATION NO. 29556 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENTS:	Dicamba (present as sodium salt)	53.8% a.e.
	Thifensulfuron methyl	5.77%
	Tribenuron methyl	5.77%

Warning: Contains the allergens milk and sulfites

CAUTION  POISON

EYE IRRITANT

Label

NET CONTENTS: 0.2 – 600.0 Kg

READ THE LABEL AND ACCOMPANYING BOOKLET BEFORE USING

FMC of Canada Limited
6755 Mississauga Road, Suite 204
Mississauga, ON L5N 7Y2
1-833-362-7722

PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, COVERALLS, AND SUITABLE CHEMICAL RESISTANT GLOVES DURING MIXING AND LOADING.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION.
- DO NOT EAT, DRINK OR SMOKE/VAPE WHILE USING THIS PRODUCT. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM/TOBACCO, SMOKING/VAPING, USING THE TOILET OR HANDLING MOBILE DEVICES.
- REMOVE CONTAMINATED CLOTHING IMMEDIATELY AFTER USE. STORE AND WASH CONTAMINATED CLOTHING SEPARATELY FROM HOUSEHOLD LAUNDRY BEFORE REUSE.
- WEAR LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, AND CHEMICAL-RESISTANT GLOVES AND FOOTWEAR DURING MIXING, LOADING, APPLICATION, CLEAN-UP AND REPAIR. CHEMICAL-RESISTANT GLOVES ARE NOT REQUIRED WHILE OPERATING GROUNDBOOM SPRAYERS.
- DO NOT APPLY BY AIR.

FIRST AID:

In case of poisoning, contact a physician or a poison control centre.

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

IN CASE OF EMERGENCY, CALL TOLL FREE, DAY OR NIGHT: 1-800-331-3148

TOXICOLOGICAL INFORMATION:

Dicamba may cause severe irritation to the eyes, and irritation to the skin and mucous membranes. Symptoms of overexposure to dicamba may include dizziness, muscle weakness, loss of appetite, weight loss, vomiting, decreased heart rate, shortness of breath, excitement, tenseness, depression, incontinence, cyanosis, muscle spasms, exhaustion and loss of voice. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

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

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

STORAGE:

Store this product away from food or feed. Store product in original container only, away from other pesticides or fertilizer. Not for use or storage in or around the home. Keep container closed.

DISPOSAL:

If this is a recyclable container:

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

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

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

If this is a refillable container**:**
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.

If this is a returnable container:
DO NOT reuse this container for any other purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For all package types:
For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for cleanup of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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SECTION 1: NOTICE TO USER:

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SECTION 2: FIRST AID AND TOXICOLOGICAL INFORMATION

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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.

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SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, COVERALLS, AND SUITABLE CHEMICAL RESISTANT GLOVES DURING MIXING AND LOADING.
- DO NOT CONTAMINATE ANY BODY OF WATER.

- MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION.
- DO NOT EAT, DRINK OR SMOKE/VAPE WHILE USING THIS PRODUCT. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM/TOBACCO, SMOKING/VAPING, USING THE TOILET OR HANDLING MOBILE DEVICES.
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- DO NOT APPLY BY AIR.

SECTION 4: ENVIRONMENTAL PRECAUTIONS

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

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

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SECTION 5: PRODUCT DESCRIPTION:

DB-6654 Herbicide is recommended for selective post-emergent control or suppression of broadleaf weeds in wheat (spring and durum) and spring barley, not underseeded to legumes or grasses.

DB-6654 Herbicide contains three active ingredients formulated as dry flowable or water-soluble granules. It is non-corrosive, non-flammable and does not freeze. Should product be exposed to freezing temperatures, warm to room temperature prior to use.

DB-6654 Herbicide is to be mixed with water and a recommended adjuvant and applied as a uniform broadcast spray. Recommended adjuvants are: AGRAL90[1], AG-SURF[2] and CITOWETT PLUS. Apply early postemergence, to the main flush of actively growing broadleaf weeds. APPLY WITH GROUND EQUIPMENT ONLY.

[1] Agral 90 Non-ionic Wetting and Spreading Agent Liquid or Agral 90 Non-ionic Liquid Wetting and Spreading Agent

[2] IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II or Weedaway Ag-Surf II

Warm, moist growing conditions promote active weed growth and enhance the activity of DB-6654 Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. For best results, ensure thorough spray coverage of target weeds. See "DIRECTIONS FOR USE" section of this label for complete use details.

DB-6654 Herbicide stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending upon growing conditions and weed susceptibility. Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.

IMPORTANT INFORMATION: READ BEFORE USING

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- DO NOT apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- DO NOT use on lawns, walks, driveways, recreational grounds or similar areas.
- Prevent drift of spray to desirable plants.
- Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than spring wheat and spring barley.

REPLANTING TO OTHER CROPS:

Any crop may be planted in the year following the use of DB-6654 Herbicide.

GRAZING/HARVEST RESTRICTIONS:

Wheat (spring and durum) and spring barley may not be grazed or fed to livestock within 7 days of application.

VARIETY RESTRICTIONS:

Limit use of DB-6654 Herbicide to currently licensed varieties of wheat (spring and durum) and spring barley. Consult FMC prior to use on unlicensed varieties for crop tolerance information. DO NOT USE ON LEGER SPRING BARLEY OR BELVEDERE WHEAT VARIETIES.

RAINFASTNESS INFORMATION:

Up to 25 mm of rain beginning 4 hours or more after spraying will not reduce the effectiveness of DB-6654 Herbicide.

DIRECTIONS FOR USE

SECTION 6: GENERAL PRECAUTIONS

- DO NOT APPLY BY AIR.
- DO NOT apply to irrigated land where tail water will be used to irrigate cropland.
- Overspray or drift to important wildlife habitats such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided.
- Apply DB-6654 Herbicide when air temperature is between 10 and 25°C. DO NOT apply when there is a risk of severe drop in night temperature.
- DO NOT treat areas where soil penetration or surface washing may bring DB-6654 Herbicide into contact with roots of desirable plants.
- Crop damage may occur if DB-6654 Herbicide is applied at any time other than the recommended crop stage.
- Apply with an adjuvant registered for use with DB-6654 Herbicide. Use only water as a carrier. Other carriers may accelerate breakdown of DB-6654 Herbicide and reduce its effectiveness.
- DO NOT apply to crops underseeded to legumes or grasses as injury to forage may result.
- Application to crops that are stressed by severe weather conditions, frost, low fertility, waterlogged soil (soil at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.
- Under certain conditions, such as heavy rainfall, prolonged cool weather, frost or wide fluctuations in day/night temperatures, temporary lightening in crop colour, and occasionally, a slight reduction in crop height may occur.
- DO NOT apply more than 130 grams/hectare of DB-6654 Herbicide per year.
- DO NOT re-enter treated fields until 12 hours after application.
- Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.
- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
  DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
  Note: Crops growing under stress from adverse environmental conditions such as excess moisture, drought, disease, etc. may suffer a further setback and exhibit more pronounced injury symptoms if DB-6654 Herbicide is applied. However, the crop injury that may occur is usually offset by the weed control obtained.

SECTION 7: SPRAY DRIFT MANAGEMENT

SPRAY DRIFT PRECAUTIONS

DB-6654 Herbicide may cause injury to desirable trees and plants, particularly flowers, fruit trees, grapes, ornamentals, peas, potatoes, tomatoes, soybeans and other broadleaf plants, especially in their developmental and growing stage. Follow these precautions when spraying in the vicinity of sensitive crops:

1. Avoid spraying when winds are towards sensitive crops. Leave an adequate spray buffer zone between treatment areas and sensitive plants.
2. Use coarse sprays since they are less likely to drift than fine sprays. Select nozzles which minimize amounts of fine spray particles. Keep spray pressure below 150 kPa and the spray volume above 220 L/ha unless otherwise required by the nozzle manufacturer.
3. DO NOT spray when the temperature is expected to exceed 30°C.
4. Avoid spraying under conditions of high humidity or fog.

APPLICATION INSTRUCTIONS:

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh or larger filter screens (metal or nylon). A spray pressure of 210-275 kPa is recommended. Avoid overlapping and shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

FIELD SPRAYER APPLICATION:

DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) Coarse classification. Boom height must be 60 cm or less above the crop or ground.

SPRAY BUFFER ZONES:

The spray buffer zones specified in the tables 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), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop/Site	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat (Spring and Durum) and Spring Barley	1	0	0	0	15

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

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website. Spray buffer zones of 1 m (ground) CANNOT be modified.

SECTION 8: MIXING AND LOADING INSTRUCTIONS

MIXING PRECAUTIONS:

DO NOT allow the spray mixture to remain in the tank for more than 24 hours before spraying or the effectiveness may be reduced. If the spray mixture has been allowed to stand in the tank, use vigorous agitation to thoroughly disperse before resuming spraying.

TANK MIXES:

This product may be tank mixed with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. DO NOT tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact FMC of Canada Limited at 1-833-362-7722 for information before applying any tank mix that is not specifically recommended on this label.

DIRECTIONS:

Select a spray volume that will ensure thorough coverage and a uniform spray pattern. Use a minimum of 55 L of spray volume per hectare. If tank mixing with other herbicides, always consult the label of the tank mix partner(s) for minimum spray volume requirements and apply the tank mixture using a water volume recommended for all products.

1. Always start with a clean and empty sprayer tank.

2. Fill the tank to 2/3 full of **clean** water.

3. With the agitator running, add the required amount of DB-6654 Herbicide. Continue to agitate for a minimum of 5 minutes to ensure that DB-6654 Herbicide is **completely** dissolved.

4. Make sure there are no undissolved granules, and then add the required amount of the tank mix partner. If the tank mix partner is an Emulsifiable Concentrate (EC), reduce agitation to avoid inducing an invert emulsion.

5. Add the rest of the water.

6. If required for the tank mixture, add the appropriate adjuvant. If an antifoam agent is required, add last.

7. Refer to the tank mix sections of this booklet for mixing order and other mixing instructions.

8. For repeat tank loads, reduce the material remaining in the tank to 10% of the original volume **or less** before proceeding with step 1, because remaining chemicals may prevent DB-6654 Herbicide granules from completely dissolving or dispersing. If this is

not possible, pre-slurry DB-6654 Herbicide in a small amount (5-10 L) of water before adding to the tank.

SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS

1. Ensure the chemical handler is clean (rinsed with ammonia).

2. For best results, add DB-6654 Herbicide to the top of the sprayer tank.

3. If a chemical handler is used, make sure that all of the granules of DB-6654 Herbicide are completely dissolved/dispersed and injected into the main tank with agitation before adding other chemicals.

4. Low water volumes in some chemical handlers can cause the water to become saturated with DB-6654 Herbicide, leaving undissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.

5. Always dissolve the DB-6654 Herbicide granules with agitation in the main tank before adding a tank mix partner.

NOTE: Follow the clean-out procedure recommended for sprayer tanks for the chemical handler.

SECTION 9: SPRAYER CLEANING PRECAUTIONS:

CAUTION: DO NOT use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour, which may cause eye, nose, throat, and lung irritation. DO NOT clean equipment in an enclosed area.

DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.

CLEANING INSTRUCTIONS:

To avoid subsequent injury to crops other than wheat (spring and durum) or spring barley, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of DB-6654 Herbicide from mixing and spray equipment as follows:

1. Drain tank and then fill tank half-full with clean water. Flush tank, boom and hoses by operating the sprayer until the system is purged of the rinse water. If boom is equipped with multiple nozzle bodies, be sure to rotate through all nozzles to ensure clean water reaches all parts of these assemblies.

2. Visually inspect tank to ensure removal of all visible herbicide residues. If necessary, repeat Step 1.

3. Fill the tank with clean water, and then add 1 litre household AMMONIA (containing minimum of 3% ammonia) or equivalent amount of a spray tank cleaner containing ammonia, per 100 litres of water. Ammonia will not neutralize the herbicide, but helps dissolve dried-on herbicide deposits. If an emulsifiable concentrate has been tank mixed with DB-6654 Herbicide, use of a wetting agent in the cleaning process will assist in removing oily residue that may trap DB-6654 Herbicide on the tank and hoses.

4. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation.

5. Drain the tank.

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

7. Flush the sprayer with two tanks full of clean water, flushing water through the hoses and boom.

SECTION 10: CROPS AND WEEDS CONTROLLED

WHEAT (SPRING AND DURUM) and SPRING BARLEY DB-6654 Herbicide

LOCATION: No restriction

CROP(S): Wheat (spring and durum) and spring barley only, **not underseeded to legumes.**

TIMING: Post-emergent application from the 2- to 5-leaf stage of spring wheat (including durum) or spring barley. For best results, apply to young, actively growing weeds that are less than 10 cm in height or diameter. Thorough coverage of target weeds is essential.

TANK MIX COMPONENTS AND APPLICATION RATES

DB-6654 Herbicide	130 grams/hectare
Adjuvants: Agral[1] 90, Ag-Surf[2], Citowett Plus [1] Agral 90 Non-ionic Wetting and Spreading Agent Liquid or Agral 90 Non-ionic Liquid Wetting and Spreading Agent [2] IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II or Weedaway Ag-Surf II	2 litres/1000 litres of spray solution

MIXING: Ensure that DB-6654 Herbicide is completely dissolved, and then add adjuvant. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.

Weeds Controlled	Weeds Suppressed
Annual smartweed (green smartweed, lady's thumb)	Canada thistle[3]
Common chickweed[4]	
Cow cockle	
Flixweed	
Hemp-nettle	
Kochia (including Group 2 resistant kochia) [1]	
Lamb's-quarters	
Narrow-leaved hawk's beard	
Night-flowering catchfly	
Redroot pigweed	
Russian thistle[5]	
Perennial sowthistle	
Stinkweed[5]	
Volunteer rapeseed[2]	
Wild buckwheat	
Wild mustard	

NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application.
DO NOT harvest forage or cut hay within 30 days after application.
Withdraw meat animals from treated fields at least 3 days before slaughter.

Notes:

1. Apply to kochia (including Group 2 resistant kochia) from the seedling up to 10 cm. Expect superior results when kochia is small.
2. DB-6654 Herbicide alone will not control imazethapyr tolerant canola varieties (e.g. Clearfield varieties or other varieties with the Pursuit Smart trait)
3. Apply when the majority of thistles have emerged and are actively growing. For best top growth control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of weeds. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be controlled.
4. Apply when chickweed is small (1-6 leaf) and actively growing, but before crop canopy prevents thorough coverage of weeds. Chickweed emerging after application will not be controlled.
5. Will not control group 2 herbicide resistant biotypes.

TANK MIXES FOR WHEAT (SPRING AND DURUM) AND SPRING BARLEY ONLY

DB-6654 Herbicide + 2,4-D ESTER	
LOCATION: No restriction	
CROP(S): Wheat (spring and durum) and spring barley only, **not underseeded to legumes.**	
TIMING: Post-emergent application from the 3- to 5-leaf stage of spring wheat (including durum) or spring barley.	
TANK MIX COMPONENTS AND APPLICATION RATES	
DB-6654 Herbicide	130 grams/hectare
2,4-D Ester 700LV	0.6 L/ha (or 420 g/ha acid equivalent)
Adjuvants: Agral[1] 90, Ag-Surf[2], Citowett Plus [1] Agral 90 Non-ionic Wetting and Spreading Agent Liquid or Agral 90 Non-ionic Liquid Wetting and Spreading Agent [2] IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II or Weedaway Ag-Surf II	2 litres/1000 litres of spray solution
MIXING: Ensure that DB-6654 Herbicide is dissolved before adding 2,4-D. Then add 2,4-D while continuing agitation, then adjuvant. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the 2,4-D label for additional application instructions and use precautions.	
WEEDS CONTROLLED: Broadleaf weeds controlled or suppressed by DB-6654 Herbicide alone, as well as weeds controlled by 2,4-D Ester.	
NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application. DO NOT harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days before slaughter.	

<table>
<tr><td colspan="2">DB-6654 Herbicide + PERIMETER® II HERBICIDE♦</td></tr>
<tr><td colspan="2">LOCATION: No restriction</td></tr>
<tr><td colspan="2">CROP(S): Wheat (spring and durum) and spring barley only, not underseeded to legumes.</td></tr>
<tr><td colspan="2">TIMING: Post-emergent application from the 2- to 5-leaf stage of spring wheat (including durum) or spring barley.</td></tr>
<tr><td colspan="2">TANK MIX COMPONENTS AND APPLICATION RATES</td></tr>
<tr><td>DB-6654 Herbicide</td><td>130 grams/hectare</td></tr>
<tr><td>PERIMETER® II HERBICIDE♦

♦ PERIMETER® II Herbicide may be substituted with any equivalent 333 g ae/L fluroxypyr product delivering 70 g ae/ha at the labelled use rate.</td><td>0.21 L/ha for control of weeds listed below</td></tr>
<tr><td>Adjuvants: Agral[1] 90, Ag-Surf[2], Citowett Plus
[1] Agral 90 Non-ionic Wetting and Spreading Agent Liquid or Agral 90 Non-ionic Liquid Wetting and Spreading Agent
[2] IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II or Weedaway Ag-Surf II</td><td>2 litres/1000 litres spray solution</td></tr>
<tr><td colspan="2">MIXING: Ensure that DB-6654 Herbicide is dissolved before adding PERIMETER® II Herbicide. Then add PERIMETER® II Herbicide while continuing agitation, then adjuvant. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the PERIMETER® II Herbicide label for additional application instructions and use precautions.</td></tr>
<tr><td colspan="2">WEEDS CONTROLLED: Broadleaf weeds controlled or suppressed by DB-6654 Herbicide alone plus:
Cleavers (1-6 whorl)
Kochia (including Group 2 resistant biotypes; up to 10 cm)
Volunteer flax (up to 12 cm in height)
Stork’s bill (1-6 leaf)
Round-leaved mallow (1-5 leaf)
Shepherd’s purse (up to 20 cm).</td></tr>
<tr><td colspan="2">NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application.
DO NOT harvest forage or cut hay within 30 days after application.
Withdraw meat animals from treated fields at least 3 days before slaughter.</td></tr>
</table>

DB-6654 Herbicide + MCPA ESTER	
LOCATION: No restriction	
CROP(S): Wheat (spring and durum) and spring barley only, **not underseeded to legumes.**	
TIMING: Post-emergent application from the 3- to 5-leaf stage of spring wheat (including durum) or spring barley.	
TANK MIX COMPONENTS AND APPLICATION RATES	
DB-6654 Herbicide	130 grams/hectare
MCPA Ester 500 Or MCPA Ester 600	0.56 L/ha Or 0.47 L/ha
MIXING: Ensure that DB-6654 Herbicide is dissolved before adding MPCA Ester. Then add MCPA Ester while continuing agitation. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the MCPA Ester label for additional application instructions and use precautions.	
WEEDS CONTROLLED: Broadleaf weeds controlled or suppressed by DB-6654 Herbicide alone plus: White cockle Dandelion (spring and fall rosettes, up to 15 cm in diameter) Scentless chamomile Volunteer imazethapyr tolerant canola varieties (e.g. Clearfield canola or other varieties with the Pursuit Smart trait). Apply when volunteer canola is in the 2- to 4-leaf stage.	
NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application. DO NOT harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days before slaughter.	

TANK MIXES ON WHEAT (SPRING AND DURUM)

DB-6654 Herbicide + HORIZON NG Herbicide	
LOCATION: Prairie Provinces and Interior of British Columbia only	
CROP(S): Wheat (spring and durum) only, **not underseeded to legumes**	
TIMING: Post-emergent application from 2-leaf to 5-leaf stage of the crop. Apply to actively growing wild oats from the 1- to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1- to 5-leaf stage, prior to emergence of the 3rd tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
DB-6654 Herbicide	130 grams/hectare
HORIZON NG Herbicide	0.93 L/Ha
No adjuvant required.	
MIXING: Ensure that DB-6654 Herbicide is completely dissolved. Reduce agitation, and then add HORIZON NG Herbicide. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha. Consult the HORIZON NG Herbicide label for additional application instructions and use precautions.	
WEEDS CONTROLLED Broadleaf weeds controlled or suppressed by DB-6654 Herbicide alone, plus weeds controlled by HORIZON NG Herbicide at 0.93 L/ha.	
NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application. DO NOT harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days before slaughter.	

DB-6654 Herbicide + Traxos Herbicide	
LOCATION: Prairie Provinces, Eastern Canada and Interior of British Columbia only	
CROP(S): Wheat (spring and durum) only, **not underseeded to legumes**	
TIMING: Post-emergent application from the 3- to 5-leaf stage of spring wheat (including durum). Apply to actively growing wild oats from the 1- to 6-leaf stage on main stem.	
TANK MIX COMPONENTS AND APPLICATION RATES	
DB-6654 Herbicide	130 grams/hectare
Traxos Herbicide	1.2 L/Ha
MIXING: Ensure that DB-6654 Herbicide is dissolved, and then add Traxos Herbicide. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the tankmix partner label for additional application instructions and use precautions.	
WEEDS CONTROLLED: Broadleaf weeds controlled or suppressed by DB-6654 Herbicide alone plus weeds controlled by Traxos Herbicide. Refer to the Traxos Herbicide label for more details.	
NOTES: DO NOT permit lactating dairy animals to graze fields within 7 days after application. DO NOT harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days before slaughter.	

SECTION 11: RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, DB-6654 Herbicide is a Group 2 plus Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to DB-6654 Herbicide and other Group 2 and/or 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 used of DB-6654 Herbicide or other Group 2 and Group 4 herbicides within a growing season (sequence) or among growing season 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. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices .
- Monitor treated weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact your local FMC representative or the FMC hotline at 1-833-362-7722 for further information.

SECTION 12: STORAGE:

Store this product away from food or feed. Store product in original container only, away from other pesticides or fertilizer. Not for use or storage in or around the home. Keep container closed.

SECTION 13: DISPOSAL:

If this is a recyclable container:

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

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

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

If this is a refillable container:
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.

If this is a returnable container:
DO NOT reuse this container for any other purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For all package types:
For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for cleanup of spills.

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