

GROUP	2 4 14	HERBICIDE
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CF-18-878 PRO HERBICIDE

WETTABLE GRANULES

For use pre-seed to spring wheat (including durum), winter wheat, spring barley, and in fallow and post-harvest applications.

COMMERCIAL

READ THE LABEL AND THE ACCOMPANYING BOOKLET BEFORE USING

REGISTRATION NO. 35478 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENTS: Carfentrazone-ethyl 11.08%
Dicamba (present as sodium salt) 43.09%
Tribenuron-methyl 4.62%
Metsulfuron-methyl 0.91%

WARNING, CONTAINS THE ALLERGENS SULFITES AND MILK

CAUTION



POISON

WARNING -EYE IRRITANT, POTENTIAL SKIN SENSITIZER

NET CONTENTS: 162.5 g - bulk

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

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.

FIRST AID

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 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 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 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.

Take container, label or 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, 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**. Refer to attached booklet for more information.

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.**
- Potential skin sensitizer
- **DO NOT apply by air.**
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Avoid breathing spray mist or dust. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing.
- When using, do not eat, drink or smoke.

- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks, shoes and a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use.
- Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

See booklet for full user precautions, including personal protective equipment.

STORAGE

Not for use or storage in or around the home. Store in original containers only. Keep container tightly closed. Store in a cool, dry place. Store this product away from food or feed. In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. Confine spills.

DISPOSAL

For 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 returnable containers:

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

For recyclable containers:

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

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

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

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 clean-up of spills.

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<<DFU Booklet>>

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CF-18-878 PRO HERBICIDE

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SECTION 1: NOTICE TO USER

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SECTION 2: FIRST AID AND TOXICOLOGICAL INFORMATION

FIRST AID

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.

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SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.**
- Potential skin sensitizer
- **DO NOT apply by air.**
- May be harmful if swallowed, inhaled or absorbed through skin.
- Avoid breathing spray mist or dust. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing.
- When using, do not eat, drink or smoke.
- Wash thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use.
- Do not contaminate any body of water.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas.
- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- Do not apply to frozen ground where surface runoff may occur.
- Do not apply to a crop under sown with legumes or grasses as injury to the forage may result.
- Do not treat areas where soil penetration or surface washing may bring CF-18-878 PRO Herbicide into contact with roots of desirable plants.
- Do not remove soil from treated fields for use on lawns, in gardens or for backfill.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls or calcium deposits.
- Control of weeds growing in wheel tracks may be reduced if CF-18-878 PRO Herbicide is applied under dry, dusty conditions.
- Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than wheat (spring, durum, and winter) or spring barley.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks, shoes and a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

RESTRICTED-ENTRY INTERVAL

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

SECTION 4: ENVIRONMENTAL PRECAUTIONS

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

SECTION 5: PRODUCT INFORMATION

CF-18-878 PRO Herbicide is to be tank mixed with glyphosate and applied pre-seed to spring wheat (including durum), winter wheat, spring barley, and in fallow systems and post-harvest applications.

CF-18-878 PRO Herbicide used as directed will provide selective control of emerged weeds. Weed control is optimized when the product is applied to actively growing weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of CF-18-878 PRO Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by environmental stress such as cold weather, drought stress or excessive heat may not be adequately controlled or suppressed, and regrowth may occur.

CF-18-878 PRO Herbicide applied to fields to be planted to spring wheat, durum wheat, winter wheat or barley that are stressed by severe conditions such as drought, low fertility, saline soils, waterlogged soils (soils 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, grade, or yield loss.

Apply CF-18-878 PRO Herbicide when air temperature is between 10 and 25°C. Do not apply when there is a risk of severe drop in night temperature.

Heavy rainfall soon after application may result in visual crop injury or possible yield reduction. Conditions such as thin crop stand, sandy soil or low soil organic matter may increase the severity of injury.

Heavy rainfall immediately after application may wash the herbicide off the foliage, which may reduce the effectiveness of CF-18-878 PRO Herbicide. Do not apply if rain is forecast for the time of application.

When using other herbicides containing the active ingredient tribenuron-methyl, follow the instructions on the label and restrict the total use tribenuron-methyl to 15 grams active ingredient per hectare per year.

When using other herbicides containing the active ingredient metsulfuron methyl, follow the instructions on the label and restrict total use of metsulfuron methyl to 1.5 grams active ingredient per hectare per year.

When using other herbicides containing the active ingredient carfentrazone-ethyl, follow instructions on the label and restrict the total use of carfentrazone-ethyl to 56 grams active ingredient per hectare per year.

Do not apply more than 162.5 grams/hectare of CF-18-878 PRO Herbicide per year.

DIRECTIONS FOR USE

SECTION 6: GENERAL APPLICATION INSTRUCTIONS

IMPORTANT INFORMATION: READ BEFORE USING

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.

DO NOT apply by air.

GROUND APPLICATION

Use a boom and nozzle sprayer equipped with the appropriate nozzles, spray tips and screens adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures. Use nozzles that produce minimal amounts of fine spray droplets. Use 50 mesh filter screens or larger (metal or nylon). Apply in a minimum of 100 litres of spray volume per hectare. Use higher spray volumes when there is a dense weed population.

DO NOT apply CF-18-878 PRO Herbicide with a carrier other than water or any additive other than those indicated in this label. Other carriers may accelerate breakdown of this product and reduce its effectiveness.

SECTION 7: SPRAY DRIFT MANAGEMENT

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

SPRAY DRIFT PRECAUTIONS

CF-18-878 PRO Herbicide may cause injury to desirable trees and plants, particularly flowers, fruit trees, grapes, ornamentals, peas, potatoes, tomatoes, and other broadleaf plants, especially in their developmental and growing stage. Follow these precautions when spraying in the vicinity of sensitive crops:

1. Do not spray when the temperature is expected to exceed 30°C.
2. Avoid spraying under conditions of high humidity or fog.

The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from applications to agricultural field crops.

Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The optimum drift management strategy is to apply the largest droplets that provide sufficient coverage and performance. Applying larger droplets reduces drift potential but will not prevent drift when applications are made improperly, or under unfavourable environmental conditions. (See Wind, Temperature and Humidity, and Temperature Inversions.)

Controlling Spray Droplet Size

VMD – VMD is the expression of the droplet size of the spray cloud. The VMD value means that 50% of the droplets are larger than the expressed value and 50% of the droplets are smaller than the expressed value. Optimum CF-18-878 PRO Herbicide spray clouds should be 450 microns with fewer than 10% of the droplets being 200 microns or smaller.

Volume – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows usually produce larger droplets.

Pressure – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of Nozzles – Use the minimum number of nozzles that provide uniform coverage.

Nozzle Type – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low drift nozzles.

Application Height – Making applications at the lowest height that is safe reduces exposure of spray droplets to evaporation and wind movement.

Wind – Drift potential is lowest between wind speeds of 5 to 16 km/h. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Applications shall be avoided below 5 km/h due to variable wind direction and high inversion potential.

Do not apply CF-18-878 PRO Herbicide when wind speed exceeds 16 km/h. NOTE: Local terrain can influence wind patterns. Every applicator shall be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity – When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions – Do not apply CF-18-878 PRO Herbicide during a temperature inversion because the drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the following morning. Their presence can be indicated by ground fog. However, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves

laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas – Apply CF-18-878 PRO Herbicide only when direction of air flow is away from nearby sensitive areas (e.g., residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops).

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

A spray buffer zone is NOT required for:

- soil drench or soil incorporation

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

Method of Application	Spray Buffer Zones (metres) Required for the Protection of:		
	Terrestrial Habitat	Aquatic Habitats of Depths:	
Field sprayer		Less than 1 m	Greater than 1 m
		5	1

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 web site.

SECTION 8: MIXING AND LOADING INSTRUCTIONS

It is important that spray equipment is clean and free of existing pesticide deposits before using this product. Follow the spray tank clean-out procedures specified on the label of the product previously applied before adding CF-18-878 PRO Herbicide to the spray tank.

Use 100 L/ha water and ensure good coverage for maximum performance.

For best results, fill the spray tank with one half the volume of clean water needed for the area to be treated. Make sure the agitation system is operating while adding products. Slowly add the required amount of CF-18-878 PRO Herbicide to the spray tank. Carefully rinse the container, adding the rinsings to the spray tank.

Continue to agitate for a minimum of 5 minutes to ensure that the herbicide is completely dissolved. Complete filling the spray tank to the desired level. Spray tank agitation should be sufficient to ensure uniform spray mixture during application and must continue until the spray tank has been emptied.

Tank Mixtures: Fill spray tank one-half to two-thirds full of water. With agitator operating add the recommended amount of ingredients using the following order:

- **Wettable powders and dispersible granules**
- **Agitate tank mix thoroughly**
- **Micro-encapsulated suspensions**
- **Liquid flowables and suspensions**
- **Emulsifiable concentrate formulations**
 - Fill spray tank nearly full of water
- **Glyphosate formulations**
- **Surfactants**
 - Complete filling the spray tank to the desired level

Maintain agitation during filling, mixing and application. When using drift reducing agents, follow specific product label instructions for order of addition to spray tank.

If sprayer has been stored or idle, purge the spray boom and nozzles with clean water before charging sprayer with products to be applied.

Avoid the overnight storage of CF-18-878 PRO Herbicide spray mixtures. Spray preparation should be used within 24 hours or product degradation may occur.

Maintain continuous and adequate spray solution agitation until all the spray solution has been used.

Do not use with tank additives that alter the pH of the spray solution.

SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS (INDUCTION DEVICES FOR CLOSED SYSTEM LOADING OF SPRAYERS)

1. Ensure the chemical handler is clean (rinsed with ammonia).
2. For best results, add CF-18-878 PRO Herbicide to the top of the tank.
3. If a chemical handler is used, make sure that all of the granules of CF-18-878 PRO Herbicide are completely dissolved 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 CF-18-878 PRO Herbicide, leaving un-dissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.
5. Always dissolve the CF-18-878 PRO 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 CLEANUP

DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION. Many herbicide products are very active at low rates, especially to sensitive crops. Residues left in mixing equipment, spray tanks, hoses, spray booms and nozzles can cause crop effects if such equipment is not properly cleaned between uses.

As soon as possible after spraying CF-18-878 PRO Herbicide and before using the sprayer equipment for any other applications, the sprayer equipment must be thoroughly cleaned using the following procedure. In addition, users must take appropriate steps to ensure proper equipment clean-out for any other products mixed with CF-18-878 Herbicide, as directed on the companion product labels. Maximum cleaning can be achieved by cleaning the spray system immediately following use.

1. Drain sprayer tank, hoses, spray boom and spray nozzles. Use a high-pressure detergent wash to remove physical sediment and residues from the inside of the sprayer tank and thoroughly rinse. Then, thoroughly flush sprayer hoses, spray boom and spray nozzles with a clean water rinse.
2. Next, prepare a sprayer cleaning solution by adding 3 litres of ammonia (containing at least 3% active) per 100 litres of clean water. Prepare sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush the tank, hoses, spray boom and spray nozzles.
3. If possible, leave the ammonia solution or fresh water left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage to dissolve and dilute any remaining traces of herbicide.
4. Before using the sprayer, completely drain the sprayer system. Rinse the tank with two tanks full of clean water and flush through the hoses, spray boom, and spray nozzles with clean water.
5. Remove and clean spray tips and all filters and screens separately in an ammonia solution prepared as in Step 2, above. Replace these parts right after cleaning and rinsing.
6. Properly dispose of all cleaning solution and rinsate in accordance with established regulations and guidelines. Do not apply sprayer cleaning solutions or rinsate to sensitive crops.

Do not store the sprayer overnight or for any extended period of time with CF-18-878 PRO Herbicide spray solution remaining in the tank, spray lines, spray boom plumbing, spray nozzles or strainers.

Small quantities of CF-18-878 PRO Herbicide remaining in improperly cleaned mixing, loading and/or spray equipment may be released during subsequent applications, potentially causing crop effects.

CAUTION: Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour that can cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

SECTION 10: CROPS AND WEEDS CONTROLLED

PRE-PLANT BURNDOWN

CF-18-878 PRO Herbicide is to be mixed with glyphosate and applied as a pre-plant burndown application in the following crops: spring wheat (including durum), winter wheat, and spring barley.

FALLOW SYSTEMS

CF-18-878 PRO Herbicide may be mixed with glyphosate and utilized in fallow cropping systems.

POST-HARVEST BURNDOWN

CF-18-878 PRO Herbicide can be applied after harvest to control actively growing emerged weeds.

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.

CF-18-878 PRO HERBICIDE PLUS GLYPHOSATE

Fields treated with this tank mix can be seeded to spring wheat (including durum), winter wheat or spring barley a minimum of 24 hours after application. With any chemfallow treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds emerged at time of application will be controlled. Use 100 L/ha water and ensure good coverage for maximum performance.

Apply CF-18-878 PRO Herbicide for pre-plant burndown and fallow systems at 162.5 g product/ha tank mixed with glyphosate (present as potassium salt, isopropylamine salt, ammonium salt) at 450 g ae/ha in a total spray volume of 100 L/ha. For optimum performance, make application to actively growing weeds up to 10 cm high, or as specified. **Coverage of the weeds is essential for good control.**

This tank mix will control the following weeds:

Tank Mix Partners	Application Rate	Weed Application Stage	Weeds Controlled	Weeds Suppressed *
CF-18-878 PRO + Glyphosate (present as potassium salt, isopropylamine salt and ammonium salt)	162.5 g/ha + 450 g ae/ha	Up to 8 cm	Canada fleabane Cleavers ^R Common ragweed Narrow leaved hawk's beard ^R Scentless chamomile	Night flowering catchfly

		Up to 10 cm	Black nightshade Carpetweed Cocklebur Eastern black nightshade Kochia (including Group 2, 4 and Group 9 resistant biotypes) Hairy nightshade Jimsonweed Morning glory Prostrate pigweed Round-leaved mallow Shepherd's purse Smooth pigweed Tansy Mustard Tumble pigweed Purslane (common) Pennsylvania smartweed (seedling) Velvetleaf Waterhemp (tall, common)	Wild carrot
		1-6 leaf	Common Chickweed	
		Up to 15 cm	Dandelion ^R Downy brome Flixweed Giant foxtail Green foxtail Hemp nettle Lady's thumb Lamb's-quarters Persian darnel Redroot pigweed Russian thistle Stinkweed Volunteer barley Volunteer canola ^R (including glyphosate-tolerant varieties) Volunteer flax Volunteer wheat Wild mustard Wild oats	Tufted Vetch
		Up to 3-leaf	Cow cockle	
		Up to 8-leaf	Wild buckwheat	
		Rosette	White cockle	Canada thistle

* Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

^R Residual Control

RESIDUAL WEED CONTROL RECOMMENDATIONS:

For residual control or suppression of cleavers, narrow leaved hawk's beard, dandelion and volunteer canola (including glyphosate tolerant canola), apply CF-18-878 PRO Herbicide with a recommended glyphosate herbicide as directed above. Degree and duration of residual control will depend on environmental conditions at and following treatment and weed infestation levels.

Consult the respective glyphosate herbicide label for use precautions and other weeds controlled by the glyphosate herbicide.

SECTION 11: ROTATIONAL CROP GUIDELINES

RE-CROPPING INTERVALS:

Fields treated with CF-18-878 PRO Herbicide may be seeded to wheat (spring, durum or winter) or spring barley a minimum of 24 hours after application.

The following crops may be seeded 10 months after application: canola, dry beans, faba beans, field corn, flax, lentils, peas, and soybeans.

Oats may be seeded anytime in the following season.

Fields treated with a post-harvest application of CF-18-878 PRO Herbicide in the fall may be seeded in the spring to wheat (spring or durum), spring barley or oats, or fields may be summerfallowed.

Make only one application of CF-18-878 PRO Herbicide per season.

SECTION 12: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, CF-18-878 PRO Herbicide is a Group 2 + Group 4 + Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to CF-18-878 PRO Herbicide and other Group 2, Group 4 or Group 14 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 CF-18-878 PRO Herbicide or other Group 2, Group 4 and Group 14 herbicides within a growing season (sequence) or among growing seasons 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 weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- ◆ Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- ◆ 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 13: STORAGE

Not for use or storage in or around the home. Store in original containers only. Keep container tightly closed. Store in a cool, dry place. Store this product away from food or feed. In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. Confine spills.

SECTION 14: DISPOSAL

For recyclable containers:

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

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

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

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