

2024-0708

2024-02-28

Container Label

GROUP	2	HERBICIDE
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MET PRO HERBICIDE

COMMERCIAL (AGRICULTURAL)

60% WETTABLE GRANULES

ACTIVE INGREDIENT: Metsulfuron-methyl.....60%

WARNING, contains the allergen Sulfites.

REGISTRATION NO. 35123 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION



POISON

CAUTION EYE IRRITANT

NET CONTENTS: 250 g – 500 g

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC 1-800-424-9300 / +1 703-527-3887

Distributed by:

NewAgco, Inc.

320-22nd Street East

Saskatoon, Saskatchewan

Canada S7K 0H1

1-844-269-3276

AgraCity Crop & Nutrition Ltd.

320-22nd Street East

Saskatoon, Saskatchewan

Canada S7K 0H1

1-844-269-3276

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Avoid breathing spray mist.
- Avoid contact with skin, eyes and clothing.
- Do not contaminate any body of water.
- Wear chemical resistant gloves, long-sleeved shirt, long pants, shoes and socks during mixing/loading, clean-up and repair activities. Mixers, loaders and applicators must wear long- sleeved shirts, long pants and chemical-resistant gloves (gloves are not required for ground boom sprayers).

ENVIRONMENTAL PRECAUTIONS:

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

Runoff:

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

Avoid application when heavy rain is forecast.

Contamination of aquatic areas because of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

Leaching:

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

FIRST AID:**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, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically. Medical personnel should contact **CHEMTREC 1-800-424-9300 / +1 703-527-3887.**

STORAGE:

Store product in original container only, in a secure, well-ventilated area, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

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/territorial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial 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.

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Booklet Label

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COMMERCIAL (AGRICULTURAL)

60% WETTABBLE GRANULES

ACTIVE INGREDIENT: Metsulfuron-methyl.....60%

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- Avoid breathing spray mist.
- Avoid contact with skin, eyes and clothing.
- Do not contaminate any body of water.
- Wear chemical resistant gloves, long-sleeved shirt, long pants, shoes and socks during mixing/loading, clean-up and repair activities. Mixers, loaders and applicators must wear long-sleeved shirts, long pants and chemical-resistant gloves (gloves are not required for ground boom sprayers).

ENVIRONMENTAL PRECAUTIONS:

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

Runoff:

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

Avoid application 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.

Leaching:

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

FIRST AID:**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.

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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. Medical personnel should contact **CHEMTREC 1-800-424-9300 / +1 703-527-3887.**

STORAGE:

Store product in original container only, in a secure, well-ventilated area, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

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/territorial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill and for clean-up of spills.

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 or 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, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water. Keep from contact with other pesticides, fertilizers, and seeds.

APPLY **MET PRO HERBICIDE** WITH A RECOMMENDED SURFACTANT.

GENERAL INFORMATION

MET PRO HERBICIDE is a dry flowable granule to be mixed in water and applied as a foliar spray for control of undesirable brush/woody plants in pasture, rangeland and non-crop areas, and for control of broadleaf weeds in rough turf and non-crop areas.

MET PRO HERBICIDE is noncorrosive, nonflammable, nonvolatile and does not freeze. **MET PRO HERBICIDE** is an ALS inhibitor herbicide and thus rapidly inhibits growth of susceptible species, however typical symptoms (discoloration) may not be noticeable for several weeks after application, depending on growing conditions and weed susceptibility. Warm, moist conditions following treatment promote the activity of **MET PRO HERBICIDE** while cold, dry conditions may reduce or delay activity. Brush and weeds hardened off by cold weather or drought stress may not be controlled.

Degree of control and duration of effect are dependent on the rate used, sensitivity and size of target species, as well as soil moisture and soil temperature.

DIRECTIONS FOR USE

MET PRO HERBICIDE must be used only in accordance with recommendations on this label.

Do not mix, load or apply within a minimum of 15 metres of all wells, including abandoned wells and drainage wells.

Make one application of **MET PRO HERBICIDE** per season.

Apply between mid-June and mid-August after the target species have leafed out, but before fall colouration begins. Cattle may graze the treated areas on the day of treatment.

ROUGH TURF AND NON-CROP AREAS SUCH AS UTILITY RIGHTS OF WAY, ROADSIDES, INDUSTRIAL SITES, FENCE LINES):

FOR CONTROL OF BROADLEAF WEEDS

MET PRO HERBICIDE may be applied as a broadcast treatment to rough turf areas at 20, 25 and 30 grams per hectare with a recommended surfactant for season long weed control. **MET PRO HERBICIDE** may be tank mixed with 2,4-D to increase the spectrum of weeds controlled. Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution). Temporary chlorosis, height reduction or growth suppression of grass species may occur.

For best results apply **MET PRO HERBICIDE** post-emergence to young (less than 10 cm tall or across) annual weeds; biennial and perennial weeds up to the early bud stage. Weeds should be actively growing at time of application.

Apply to brush species as a full coverage spray to foliage and stems using equipment that will ensure uniform coverage.

Note: Severe injury may occur to desirable broadleaf species such as alfalfa and red clover.

WEEDS CONTROLLED OR SUPPRESSED AT 20 GRAMS PER HECTARE

Weeds controlled:

common tansy scentless chamomile kochia sweet clover Russian thistle

Weeds Suppressed:

Canada thistle sow thistle dandelion

WEEDS CONTROLLED OR SUPPRESSED AT 25 GRAMS PER HECTARE

Weeds Controlled:

Weeds controlled at 20 grams per hectare, plus Western Snowberry

Weeds Suppressed:

Canada thistle sow thistle dandelion

WEEDS CONTROLLED AT 30 GRAMS PER HECTARE

Weeds Controlled:

Weeds controlled at 25 grams per hectare, plus dandelion

Weeds Suppressed:

Canada thistle sow thistle

TANK MIXES:

MET PRO HERBICIDE at 20 or 30 grams per hectare may be tankmixed with 2,4-D amine or ester at 1.0 kg ai/ha to control the weeds above and the weeds that are controlled by this rate of 2,4-D (refer to the 2,4-D label). Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution).

This product may be tank mixed with (a fertilizer, a supplement, or 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 AgraCity Crop & Nutrition Ltd. at 1-844-269-3276 for information before applying any tank mix that is not specifically recommended on this label.

RANGELAND & NON-CROP AREAS such as **Utility Rights of Way, roadsides, industrial sites, fence lines.**

FOR CONTROL OF UNDESIRABLE BRUSH/WOODY PLANT SPECIES

For control of Balsam Poplar and Willow, apply 100 grams of **MET PRO HERBICIDE** per hectare.

For control of Pine Species (including Jack pine, Eastern White pine, Western White pine and Red pine), apply 140 grams of **MET PRO HERBICIDE** per hectare.

For control of Cherry and Trembling Aspen, apply 150 grams of **MET PRO HERBICIDE** per hectare.

Add a recommended surfactant such as AG-SURF™, AGRAL® 90, or CITOWETT® PLUS at 0.2% v/v (2 litres per 1000 litres of spray solution).

For best results, applications of **MET PRO HERBICIDE** should be made when brush species and weeds are actively growing. Complete coverage of all foliage and stems is required for brush control. Applications should be made after the target species have leafed out, but before fall colouration has begun. Pine species may be treated at anytime when actively growing and beginning from when needles are fully extended.

Do not treat brush species that exceed 2.5 m in height, or control may be decreased. For woody plants exceeding this height, cut and spray regrowth.

Note: Where dense stands exist or where growth of the target species is advanced, use of the high volume foliar application method is recommended.

PASTURE & RANGELAND:

FOR CONTROL OF WESTERN SNOWBERRY AND WILD ROSE in the Prairie Provinces and British Columbia

For control of Western Snowberry apply 25 grams of **MET PRO HERBICIDE** per hectare. For control of Wild Rose apply 30 grams of **MET PRO HERBICIDE** per hectare.

Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution).

Apply as a ground application only in 100 - 225 litres spray volume per hectare. Apply as a full coverage spray to foliage and stems using equipment that will assure uniform coverage.

GROUND APPLICATIONS:

Low Volume Foliar Broadcast

Apply to brush species as full coverage spray to foliage and stems in 100-500 litres spray volume per hectare, using properly calibrated equipment that will ensure uniform coverage. Direct the spray solution to thoroughly wet the foliage of the target plants, but not to the point of runoff.

High Volume Foliar Broadcast

For control of brush/woody plants up to 2.5 metres in height, use **MET PRO HERBICIDE** at rates of 100 - 150 grams per hectare in enough water to make 1000 litres of spray solution. Apply as a full coverage spray to foliage, stems and limbs using up to 2000 litres of total spray per hectare depending on plant species, height and density of growth, and on the type of spray equipment used. Do not apply more than 150 grams of **MET PRO HERBICIDE** per hectare.

Spray brush to the point of runoff. Coverage should be thorough to wet all foliage. To minimize spray drift, do not use pressures exceeding 1400 kPa at the spray nozzle. Use of a drift control system is suggested to minimize spray drift.

SPRAY DRIFT CONTROL:

The potential for spray drift with ground broadcast applications can be reduced by:

- Applying a coarse spray using large droplet producing nozzle tips.
- The use of Radiarc® or an equivalent drift control system or additive.
- Keep the spray boom as low as possible.
- Apply with minimum wind velocity.
- When using a power sprayer and handgun, direct sprays no higher than the tops of the target plants.

AERIAL APPLICATION:

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

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

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

Use Precautions:

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides. As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests. Avoid drifting of spray onto any body of water or other non-target areas. Specified spray buffer zones should be observed. Coarse sprays are less likely to drift, therefore, avoid combinations of

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

Operator Precautions:

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions:

Read and understand the entire label before opening this product. If you have questions, call AgraCity Crop & Nutrition Ltd. at 1-844-269-3276 or obtain technical advice from the distributor or your provincial agricultural representative.

Application of this product must meet and/or conform to the following: Apply a minimum of 25 L of spray volume per hectare.

Apply a maximum of 50 L of spray volume per hectare.

Use 50 L/ha for better coverage in rangeland, pasture, and non-crop areas.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than NewAgco Inc. under the User Requested Minor Use Label Expansion program. For these uses, NewAgco Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

PASTURE, RANGELAND, ROUGH TURF AND NON-CROP AREAS IN BRITISH COLUMBIA:

For weeds listed in the **MET PRO HERBICIDE** Directions for Use booklet and for control of field scabious and perennial pepper weed:

MET PRO HERBICIDE	20- 30 grams/hectare plus
AG-SURF	2 litres per 1000 litres spray solution (0.2% v/v)
or	
AGRAL 90	2 litres per 1000 litres spray solution (0.2% v/v)
or	
CITOWETT PLUS	2 litres per 1000 litres spray solution (0.2% v/v)

Apply the spray mixture post-emergent, only one application per growing season. Apply with ground equipment only. Apply a minimum of 100 litres/ha of total spray volume. For mixing instructions and use precautions, refer the **MET PRO HERBICIDE** Directions for Use booklet.

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 inversions, application equipment and sprayer settings.

Field sprayer application:

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty.

DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S 572.1) coarse classification.

For application to rights-of-way, spray buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g. wind direction, low wind speed) and spray equipment (e.g. coarse droplet sizes, minimizing the height above canopy), should be used. Applicators must, however, observe the specified spray buffer zones for protection of sensitive aquatic habitats.

Spray Buffer zones:

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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Application Rate (and use)*	Spray Buffer Zones (in metres) Required for the Protection of :		
	Freshwater Habitat of Depths :		Terrestrial Habitat
	0.8 m	> 1 m	
12 g a.i./ha (pasture and rangeland)	1	1	10
15 g a.i./ha (pasture and rangeland)	1	1	10
18 g a.i./ha (pasture and rangeland)	1	1	10
60 g a.i./ha (non-crop areas)	2	1	35
90 g a.i./ha (non-crop areas)	3	1	45

* For field sprayer application, spray buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled spray buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled spray buffer zone can be reduced by 30%.

**Spray buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including railroad ballast, rail and hydro rights-of-way, utility easements, roads, and training grounds and firing ranges on military bases.

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 (ASAE) category indicated on the labels for those tank mix partners.

The following spray methods or equipment DO NOT require a spray buffer zone: hand-held or backpack sprayers, inter-row hooded sprayers, spot treatment, soil drench and soil incorporation.

MIXING INSTRUCTIONS:

1. Add the proper amount of **MET PRO HERBICIDE** into the necessary volume of water in the spray tank with the agitator running. Prepare the mixture to use a minimum of 100 litres spray volume per hectare. Continuous agitation is required for a uniform suspension and application.
2. If 2,4-D is to be added to the mixture, add the required amount once **MET PRO HERBICIDE** is in suspension.
3. Add a recommended surfactant such as AG-SURF, AGRAL 90 or CITOWETT PLUS at 0.2% v/v (2 litres per 1000 litres of spray solution).
4. If an antifoaming agent is required, add this last.

Use spray preparation of **MET PRO HERBICIDE** within 48 hours or product degradation may occur. If spray preparation is left standing without agitation, thoroughly agitate before spraying.

Avoid over-filling of spray tank. Mix only enough product for the job at hand. During spray operation, make scheduled checks of spray equipment to help ensure proper application.

SPRAYER CLEANUP:

Unless the spraying and mixing equipment is dedicated to the uses on this label, immediately after spraying, thoroughly remove all traces of **MET PRO HERBICIDE** from mixing and spray equipment as follows:

1. Drain tank; then flush tank, boom and hoses with clean water for a minimum of ten minutes. Visually inspect tank to assure removal of all visible residues of **MET PRO HERBICIDE**. If necessary, repeat

- step 1.
2. Fill the tank with clean water then add one litre HOUSEHOLD AMMONIA (containing a minimum 3% ammonia) per 100 litres of water. Fill boom and hoses with solution and allow sprayer to sit for 15 minutes. Drain.
 3. Repeat step 2.
 4. Nozzles and screens should be removed and cleaned separately. To remove traces of ammonia, rinse the tank, hoses and booms thoroughly with clean water.

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.

USE PRECAUTIONS:

Avoid overspray or drift to important aquatic and wildlife habitats such as lakes, streams and ponds, shelterbelts, wetlands, sloughs, and dry slough borders, woodlots, vegetated ditchbanks and other cover on the edge of fields. Leave a 15 meter spray buffer zone for low use rates of 20, 25 and 30 grams of **MET PRO HERBICIDE** per hectare and 45 metres for high use rates of 100 and 150 grams of **MET PRO HERBICIDE** per hectare between the last spray swath and the edge of any of these habitats.

Do not apply **MET PRO HERBICIDE** during periods of intense rainfall or to soils saturated with water. Do not apply directly to standing or running water. Do not apply in areas where surface water from the treatment site can run off to adjacent cropland, or into streams, irrigation water or wells.

Applications should only be made when there is no hazard of spray drift contaminating non-target land areas since very small quantities of the **MET PRO HERBICIDE** spray solution may severely injure susceptible crops or other non-target plants.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Spray Buffer zones:

Use of the following spray methods or equipment **DO NOT** require a spray buffer zone: hand-held or backpack sprayer and spot treatment.

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 shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Aircraft	Droplet size	Spray Buffer Zones (metres) Required for the Protection of:		
				Freshwater Habitat of Depths:		Terrestrial* habitat
				Less than 1 m	Greater than 1 m	
Aerial	Pasture, range land and rough turf	Fixed wing	Coarse	20	10	175
			Coarse to very Coarse	15	10	150
			Very Coarse	15	10	125
			Very Coarse to Extremely coarse	15	10	125
		Rotary wing	Coarse	15	10	150
			Coarse to very Coarse	15	10	125
			Very Coarse	15	10	100
			Very Coarse to Extremely coarse	10	10	95
	Non-crop areas	Fixed wing	Coarse	70	35	800
			Coarse to very Coarse	60	30	800
			Very Coarse	50	25	800
			Very Coarse to Extremely coarse	40	20	750
		Rotary wing	Coarse	55	30	800
			Coarse to very Coarse	45	25	525
			Very Coarse	40	20	475
			Very Coarse to Extremely coarse	35	15	425

*Spray buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including railroad ballast, rail and hydro rights-of-way, utility easements, roads, and training grounds and firing ranges on military bases.

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 (ASAE) category indicated on the labels for those tank mix partners.

NOTE: Applicators may recalculate a site-specific spray buffer zone by combining information on current weather conditions and spray configuration for the following applications: all airblast applications, and for field and aerial applications which specify the following droplet size category wording on the product label: 'DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification.' To access the Spray Buffer Zone Calculator, please visit the Pesticides portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **MET PRO HERBICIDE** is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **MET PRO 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 **MET PRO HERBICIDE** or other Group 2 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 AgraCity Crop & Nutrition Ltd. at 1-844-269-3276.

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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