

Sub.2020-1059
2020-06-12

GROUP	2	HERBICIDE
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Metsulfuron Methyl EUP Toss-N-Go® Herbicide

60% DRY FLOWABLE

FOR POSTEMERGENCE USE ON WHEAT (SPRING AND DURUM), BARLEY AND ESTABLISHED CREEPING RED FESCUE, TIMOTHY (SEED OR FORAGE), ORCHARD GRASS, CRESTED AND INTERMEDIATE WHEAT GRASS (SEED OR FORAGE) IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION OF BRITISH COLUMBIA (SOIL PH 7.9 OR LOWER).
COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

ACTIVE INGREDIENT: Metsulfuron Methyl 60%

WARNING, contains the allergens, Sulfites and Milk.

REGISTRATION NO. 25578 PEST CONTROL PRODUCTS ACT



CAUTION

POISON

CAUTION EYE IRRITANT
DO NOT SELL WATER SOLUBLE BAGS SEPARATELY.

NET CONTENTS: 122 GRAMS
(4 x 30.5 gram water soluble bags)

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

ENVIRONMENTAL HAZARDS:

TOXIC to aquatic organisms and non-target terrestrial plants. Observe 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 of this product when heavy rain is forecast.

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

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:**EYE CONTACT:**

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.

SKIN OR CLOTHING CONTACT:

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.

INGESTION:

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.

INHALATION:

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.

For medical emergencies call **1-800-331-3148** (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE:

Store product in original container only, in a secure, well ventilated, dry area, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container tightly closed. Keep water soluble bags in original outer bag away from moisture.

DISPOSAL:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on the disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for 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.

<<DFU Booklet>>

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For medical emergencies call **1-800-331-3148** (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

IMPORTANT

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

DO NOT APPLY BY AIR.

Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than wheat, barley, creeping red fescue, orchard grass or crested and intermediate wheat grass.

APPLY Metsulfuron Methyl EUP Toss-N-Go® WITH RECOMMENDED SURFACTANT.

PRIOR TO USE REFER TO "MINIMUM CROP ROTATION GUIDELINES" SECTION OF LABEL.

GENERAL INFORMATION

Metsulfuron Methyl EUP Toss-N-Go® is recommended for post-emergence use for control or suppression of certain broadleaf weeds in wheat (spring and durum), barley and established creeping red fescue (seed or forage), orchard grass and crested and intermediate wheat grass in the Prairie Provinces and the Peace River Region of British Columbia (soil pH of 7.9 or lower) and for the

Metsulfuron Methyl EUP Toss-N-Go® bags are to be mixed in water with a recommended surfactant and applied as a uniform broadcast spray. Metsulfuron Methyl EUP Toss-N-Go® is noncorrosive, non-flammable, non-volatile and does not freeze. Wheat, barley or creeping red fescue may be grazed by or fed to livestock anytime after treatment.

Metsulfuron Methyl EUP Toss-N-Go® is a 60% active ingredient herbicide formulated as a dry flowable dispersible granule contained in a water soluble film. Use gloves and goggles when handling the water soluble bags. Reseal unused Toss-N-Go® bags into original bag when not in use. Avoid exposure of Toss-N-Go® bags to excess moisture or physical damage during storage and prior to mixing in spray tank.

Prior to using Metsulfuron Methyl EUP Toss-N-Go®, careful consideration should be given to crop rotation plans. Crops other than those listed in the "Minimum Crop Rotation Guidelines" section can be very sensitive to low concentrations of Metsulfuron Methyl EUP Toss-N-Go® in the soil. Refer to the "Minimum Crop Rotation Guidelines" section of this label to plan your Metsulfuron Methyl EUP Toss-N-Go® use and crop rotations.

Rainfall, soil temperature and soil pH are important factors affecting Metsulfuron Methyl EUP Toss-N-Go® breakdown in the soil. Metsulfuron Methyl EUP Toss-N-Go® breakdown is more rapid under conditions of moist soil, warm soil temperatures and low soil pH. The breakdown process is slower under conditions of dry soil, cool soil temperatures and high soil pH.

Metsulfuron Methyl EUP Toss-N-Go® must be applied with a recommended surfactant early postemergence to the main flush of actively growing broadleaf weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of Metsulfuron Methyl EUP Toss-N-Go® by allowing maximum foliar uptake and contact activity. If cold, dry conditions prevail, delay treatment until active weed growth resumes. Brush and weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. Metsulfuron Methyl EUP Toss-N-Go® may only be applied with ground spray equipment. For best results, ensure good spray coverage of target species. In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact FMC at 1-833-362-7722 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by FMC.

Metsulfuron Methyl EUP Toss-N-Go® is an ALS inhibitor herbicide and thus, rapidly inhibits the growth of susceptible species. 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 depend on the rate used, sensitivity, and size of target species, as well as growing conditions, soil moisture, soil temperature and soil pH and spray coverage.

SURFACTANTS FOR USE WITH Metsulfuron Methyl EUP Toss-N-Go®:

AG-SURF*, AGRAL* 90, CITOWETT* PLUS, COMPANION*, and SUPER SPREADER STICKER® are registered for use with Metsulfuron Methyl EUP Toss-N-Go®, Metsulfuron Methyl EUP Toss-N-Go® + 2,4-D, and Metsulfuron Methyl EUP Toss-N-Go® + MCPA. Not all tank mixes require the use of an adjuvant. Use the surfactant at the rate of 2 L per 1000-L spray solution (0.2% v/v). See section on MIXING INSTRUCTIONS.

DIRECTIONS FOR USE:

WHEAT, BARLEY AND CREEPING RED FESCUE

CROP LEAF STAGING:

Apply Metsulfuron Methyl EUP Toss-N-Go® or Metsulfuron Methyl EUP Toss-N-Go® tank mixtures to wheat, barley, or creeping red fescue when the crop is between the stages listed in the following table.

	Leaf Stage	
Post emergent treatment	Crop Leaf Staging	Crop
Metsulfuron Methyl EUP Toss-N-Go®	2 leaf to flag leaf (shot blade)	Wheat, barley, creeping red fescue
Metsulfuron Methyl EUP Toss-N-Go® Plus 2,4-D (amine or ester)	Full 3-leaf to just before flag leaf stage	Wheat, barley

Metsulfuron Methyl EUP Toss-N-Go® Plus MCPA (amine or ester)	Full 3-leaf to just before flag leaf stage	Wheat, barley
Metsulfuron Methyl EUP Toss-N-Go® Plus AVENGE*	2-leaf to 6-leaf (shot blade)	Wheat, barley
Metsulfuron Methyl EUP Toss-N-Go® Plus AVENGE* + MCPA (ester)	3-leaf to 6-leaf (shot blade)	Wheat, barley
Metsulfuron Methyl EUP Toss-N-Go® Plus PUMA*	2-leaf to 6-leaf (main stem) + 3 tillers	Wheat
Metsulfuron Methyl EUP Toss-N-Go® Plus PUMA* ¹²⁰ SUPER	1-leaf to 6-leaf + 3 tillers	Spring and durum wheat
Metsulfuron Methyl EUP Toss-N-Go® Plus HORIZON* Herbicide Tank Mix	2-leaf to flag leaf	Spring wheat only

HOW TO APPLY TO: WHEAT (SPRING OR DURUM), BARLEY OR ESTABLISHED CREEPING RED FESCUE (SEED OR FORAGE)

Apply Metsulfuron Methyl EUP Toss-N-Go® or Metsulfuron Methyl EUP Toss-N-Go® tank mixtures to the first main flush of actively growing weeds, when the crop is in the leaf stage specified in the section CROP STAGE. Apply before the crop canopy is dense enough to prevent thorough coverage of the weeds. Apply with ground equipment only. For further information on control of Canada thistle, sow thistle, Russian thistle, lamb's-quarters or wild buckwheat, refer to the section SPECIFIC WEED CONTROL RECOMMENDATIONS.

NOTE TO /USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS.

The Directions for Use for this product for the use described below were developed by persons other than FMC and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. FMC itself makes no representation of warranty with respect to product performance (efficacy) and crop tolerance (phytotoxicity) claims of this product when used on the crop listed on this label. Accordingly, the User assumes all liability risks related to performance and crop tolerance, and agree to hold FMC harmless from any claims based on efficacy or phytotoxicity in connection with this use described below:

FORAGE GRASSES FOR FEED OR SEED PRODUCTION:

For postemergent application to creeping red fescue, orchard grass, crested and intermediate wheat grass. These forage grasses should be established for a minimum of one year before applying Metsulfuron Methyl EUP Toss-N-Go®. Optimum control of narrow-leaved hawk's beard and scentless chamomile is obtained if application is made to small, actively growing weeds.

Apply Metsulfuron Methyl EUP Toss-N-Go® as a broadcast application at 7.5 g/ha post-emergent. Application should be made from the 2 leaf, up to the shot blade stage of the crop, and before canopy closure to permit thorough coverage of actively growing weeds.

Make only one application per growing season. Application should be made using ground equipment only. Rotation options are determined by soil pH, the crop to be planted and a minimum interval. Refer to the recropping recommendation section as well as other application instructions.

TIMOTHY FOR FORAGE OR SEED PRODUCTION: For fall application to postemergent timothy which has been established for at least one growing season.

Applications should be made from early September until late fall, prior to soil freeze-up. Apply Metsulfuron Methyl EUP Toss-N-Go® as a broadcast application at 7.5 g/ha post-emergent with a non-ionic surfactant at 0.2% v/v. Use a minimum of 100 L/ha spray volume. Application should be made after a cut has been removed to expose weed seedlings. Thorough coverage of actively growing weeds is essential for consistent control.

WEEDS CONTROLLED

Metsulfuron Methyl EUP Toss-N-Go® 7.5 grams/ha + surfactant:

Narrow leaved hawk's beard
Flixweed
Dandelion

Scentless chamomile
Alsike Clover

Applications of Metsulfuron Methyl EUP Toss-N-Go® to timothy may cause crop yellowing and/or stunting. However, forage or seed yield should not be affected.

Make only one application per growing season. Application should be made using ground equipment only

ESTABLISHED CREEPING RED FESCUE FOR SEED:

For postemergent broadleaf and grassy weed control, apply one of the following tankmixes:

Metsulfuron Methyl EUP Toss-N-Go® Herbicide + ASSURE* II Herbicide + Adjuvant:

Metsulfuron Methyl EUP Toss-N-Go®	7.5 grams/hectare
Plus	
ASSURE* II Herbicide	0.5 – 1.0 litres/hectare
Plus	
SURE-MIX*	5 litres per 1000 litres spray solution

These tankmixes will control all label weeds listed on the respective Metsulfuron Methyl EUP Toss-N-Go® Herbicide and ASSURE* II Herbicide labels.

Apply Metsulfuron Methyl EUP Toss-N-Go® Herbicide + ASSURE* II Herbicide tank mixtures postemergent to the first main flush of actively growing weeds, when established creeping red fescue is in the 2 leaf to flag leaf (shot blade) stage. Apply before the crop canopy is dense enough to prevent thorough coverage of the weeds.

Apply with ground equipment only. Make only one application per growing season.

Refer to other sections of this label, and to the ASSURE* Herbicide and/or ASSURE* II Herbicide labels for additional application and/or use precaution instructions.

RATES TO APPLY:

Chemical	Application Rate
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Metsulfuron Methyl EUP Toss-N-Go® (plus surfactant):

Metsulfuron Methyl EUP Toss-N-Go®	7.5 g/ha
Surfactant	

Metsulfuron Methyl EUP Toss-N-Go® + 2,4-D (plus surfactant):

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
2,4-D Amine 500	0.84 - 1.1 L/ha
Plus	
Surfactant	

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
2,4-D Ester LV 700	0.6 - 0.8 L/ha
Plus	
Surfactant	

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
2,4-D Ester LV 600	0.7 - 0.9 L/ha
Plus	
Surfactant	

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
2,4-D Acid Equivalent	420-560 g/ha
Plus	
Surfactant	

Refer to the 2,4-D label for information on crop variety restrictions, precautions, and application information

Metsulfuron Methyl EUP Toss-N-Go® + MCPA (plus surfactant):

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
MCPA Amine 500	0.7 - 1.1 L/ha

Plus	
Surfactant	

Metsulfuron Methyl EUP Toss-N-Go®	5.0 or 7.5 g/ha
Plus	
MCPA Ester 500	0.7 - 1.1 L/ha
Plus	
Surfactant	

Refer to the MCPA label for information on crop variety restrictions, precautions, and application information.

Metsulfuron Methyl EUP Toss-N-Go® + AVENGE* 200-C or Metsulfuron Methyl EUP Toss-N-Go® + AVENGE* 200-C + MCPA ESTER (Use one of the following. Do not add surfactant.):

Metsulfuron Methyl EUP Toss-N-Go®	7.5 g/ha
Plus	
AVENGE* 200-C	4.25 L/ha
Or	
AVENGE* 200-C	4.25 L/ha
Plus	
MCPA Ester 500	0.7 - 1.1 L/ha

Refer to the AVENGE* 200-C and MCPA Ester labels for information on crop variety restrictions, precautions, and application information.

Metsulfuron Methyl EUP Toss-N-Go® + PUMA* (Do not add surfactant):

Metsulfuron Methyl EUP Toss-N-Go®	7.5 g/ha
Plus	
PUMA*	1.0 L/ha

Refer to the PUMA* label for information on crop variety restrictions, precautions, and application information.

Metsulfuron Methyl EUP Toss-N-Go® + PUMA*¹²⁰ SUPER (Do not add surfactant):

Metsulfuron Methyl EUP Toss-N-Go®	5 or 7.5 g/ha
Plus	
PUMA* ¹²⁰ SUPER Herbicide	0.385 or 0.77 L/ha

Refer to the PUMA*¹²⁰ SUPER label for information on crop variety restrictions, precautions, environmental information, and application information.

Metsulfuron Methyl EUP Toss-N-Go® + HORIZON* Herbicide Tank Mix:

Metsulfuron Methyl EUP Toss-N-Go®	7.5 g/ha
Plus	
HORIZON* Herbicide Tank Mix: HORIZON* 240EC SCORE® Adjuvant	230 or 290 mL/ha
	0.8% or 1.0% v/v(0.8 L or 1.0 L per 100 L of spray solution)

A non-ionic surfactant is NOT required when Metsulfuron Methyl EUP Toss-N-Go® is tank mixed with HORIZON* Herbicide Tank Mix.

Refer to the HORIZON* Herbicide Tank Mix label for additional information on crop variety restrictions, use precautions and application information.

WEEDS CONTROLLED OR SUPPRESSED*

*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.

Metsulfuron Methyl EUP Toss-N-Go® 7.5 Grams/ha + surfactant:

Ball mustard	Prostrate pigweed
Blue bur	Redroot pigweed
Canada thistle*	Russian thistle*
Chickweed	Scentless chamomile
Common groundsel	Shepherd's-purse
Corn spurry	Sow thistle (annual; perennial)*
Cow cockle	Stinkweed
Flixweed	Stork's-bill
Green smartweed	Tartary buckwheat
Hemp-nettle	Toadflax*
Kochia	Volunteer rapeseed**
Lady's-thumb	Wild buckwheat*
Lamb's-quarters*	Wild mustard

** Volunteer rapeseed: Metsulfuron Methyl EUP Toss-N-Go® alone will not control imazethapyr tolerant canola varieties, e.g. canola varieties with the PURSUIT SMART* trait.

Metsulfuron Methyl EUP Toss-N-Go® 5 Grams/ha + 2,4-D (amine or ester) + Surfactant:

Annual sunflower	Prickly lettuce
Ball mustard	Redroot pigweed
Canada thistle*	Russian pigweed
Chickweed	Russian thistle
Cow cockle	Shepherd's-purse
Flixweed	Sow thistle*
Green smartweed	Stinkweed
Hemp-nettle	Sweetclover
Kochia	Toadflax*
Lamb's-quarters	Volunteer rapeseed**
Narrow-leaved hawksbeard	Wild buckwheat*
(spring seedlings)	Wild mustard
Plantain	Wormseed mustard

** Including imazethapyr tolerant canola varieties, e.g. canola varieties with the PURSUIT SMART® trait. Consult the 2,4-D label for appropriate use rates.

Metsulfuron Methyl EUP Toss-N-Go® 7.5 Grams/ha + 2,4-D (amine or ester) + Surfactant:

All of the weeds controlled or suppressed by Metsulfuron Methyl EUP Toss-N-Go® 5 Grams/ha + 2,4-D plus:

Bluebur	Scentsless chamomile
Common groundsel	Stork's-bill
Corn spurry	Tartary buckwheat
Lady's-thumb	Toadflax*
Prostrate pigweed	

Metsulfuron Methyl EUP Toss-N-Go® 5 Grams/ha + MCPA (amine or ester) + Surfactant:

Annual sunflower	Russian pigweed
Ball mustard	Russian thistle
Canada thistle*	Shepherd's purse
Chickweed	Sow thistle*
Cow cockle	Stinkweed
Flixweed	Sweet clover
Green smartweed	Toadflax*
Hemp-nettle	Tumble mustard
Kochia	Volunteer rapeseed**
Lamb's-quarters	Wild buckwheat*
Plantain	Wild mustard
Prickly lettuce	Wormseed mustard
Redroot pigweed	

** Including imazethapyr tolerant canola varieties, e.g. canola varieties with the PURSUIT SMART® trait. Use the highest rate of MCPA (1.1 litre/ha) when volunteer imazethapyr tolerant canola is the target weed.

Metsulfuron Methyl EUP Toss-N-Go® 7.5 Grams/ha + MCPA (amine or ester) + Surfactant:

All of the weeds controlled by Metsulfuron Methyl EUP Toss-N-Go® 5 Grams/ha + MCPA, plus:

Bluebur	Scentsless chamomile
Corn spurry	Stork's-bill
Common groundsel	Tartary buckwheat
Lady's thumb	Toadflax*
Prostrate pigweed	

Metsulfuron Methyl EUP Toss-N-Go® + AVENGE* 200-C (No surfactant):

Broadleaf weeds controlled by Metsulfuron Methyl EUP Toss-N-Go®, plus:

Wild Oats

Metsulfuron Methyl EUP Toss-N-Go® + AVENGE* 200-C + MCPA ester (No surfactant):

Broadleaf weeds controlled by Metsulfuron Methyl EUP Toss-N-Go® + MCPA, plus:

Wild Oats

Metsulfuron Methyl EUP Toss-N-Go® + PUMA* (No surfactant):

Broadleaf weeds controlled by Metsulfuron Methyl EUP Toss-N-Go® plus:

Green Foxtail	Wild oats
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Metsulfuron Methyl EUP Toss-N-Go® + PUMA*¹²⁰ SUPER Herbicide (0.385 L/ha) (No surfactant):

Broadleaf weeds controlled by Metsulfuron Methyl EUP Toss-N-Go® Herbicide at 5 OR 7.5 grams/ha, plus:

Green Foxtail

Refer to PUMA*¹²⁰ SUPER Herbicide label for appropriate weed staging, additional application instructions and use and environmental precautions.

Metsulfuron Methyl EUP Toss-N-Go® + PUMA*¹²⁰ SUPER Herbicide (0.77 L/ha)(No surfactant):

Broadleaf weeds controlled by Metsulfuron Methyl EUP Toss-N-Go® at 5 OR 7.5 grams/ha, plus:

Green Foxtail
Barnyard Grass
Wild Oats

Refer to PUMA*¹²⁰ SUPER Herbicide label for appropriate weed staging, additional application instructions and use and environmental precautions.

Metsulfuron Methyl EUP Toss-N-Go® + HORIZON* Herbicide Tank Mix:

Broadleaf weeds controlled or suppressed by Metsulfuron Methyl EUP Toss-N-Go® alone at 7.5 g/ha, plus control of the following:

Wild Oats	HORIZON* 240 EC	230 mL/ha
	Plus	
	0.8% v/v SCORE® Adjuvant	(0.8 L per 100 L of spray solution)
Wild Oats Green Foxtail Yellow Foxtail	HORIZON* 240 EC	290 mL/ha
	Plus	
	1.0% v/v SCORE® Adjuvant	(1.0 L per 100 L of spray solution)

Refer to HORIZON* Herbicide Tank Mix label for the appropriate weed staging at application to control wild oats, green foxtail and yellow foxtail.

SPECIFIC WEED RECOMMENDATIONS:

Weeds must be actively growing at time of application or control may be reduced. Application should be made before the crop canopy prevents thorough coverage of the weeds.

Canada Thistle, Sow Thistle - Apply when the majority of thistles have emerged. Metsulfuron Methyl EUP Toss-N-Go® + surfactant should be applied before the thistles are more than 15 cm tall. Metsulfuron Methyl EUP Toss-N-Go® + 2,4-D or Metsulfuron Methyl EUP Toss-N-Go® + MCPA + surfactant may be applied up to the bud stage of the thistles. Thistles that emerge after application will not be controlled. A single application will prevent emerged thistles from competing with the crop.

Wild Buckwheat - Apply Metsulfuron Methyl EUP Toss-N-Go® + surfactant at the cotyledon to 3-leaf stage. Metsulfuron Methyl EUP Toss-N-Go® + 2,4-D or Metsulfuron Methyl EUP Toss-N-Go® + MCPA + surfactant should be applied at the 1-3 leaf stage. Under dry conditions, control may be reduced. Large weeds may regrow after treatment.

Lamb's-Quarters, Russian Thistle - Apply Metsulfuron Methyl EUP Toss-N-Go® + surfactant before these weeds are more than 8 cm tall.

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:

For control of brush/woody plants up to 2.5 metres in height, use Metsulfuron Methyl EUP Toss-N-Go® 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 Metsulfuron Methyl EUP Toss-N-Go® 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.

TANK MIXES:

Metsulfuron Methyl EUP Toss-N-Go® 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 2.0 litres per 1000 litres spray solution.

Drop intact water-soluble package (WSP) directly into spray tank. The WSP and pesticide will dissolve readily in water.

Do not allow the WSP to become wet prior to use. Do not handle individual WSP with wet hands or wet gloves as this may cause breakage. Do not remove WSP from over-wrap container except for immediate use.

Do not open water-soluble bags or attempt to remove the contents from them. The contents are not designed to be re-measured or subdivided.

Do not use opened or punctured WSP.

If broken WSP is found when the over-wrap bag is opened, avoid contact with, and inhalation of the product. Handle with chemical-resistant gloves and dispose of broken WSP according to the DISPOSAL section.

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) medium classification for application to crops.

For application to rights-of-way, 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 buffer zones for protection of sensitive aquatic habitats.

Buffer zones:

The 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)*	Buffer Zones (in metres) Required for the Protection of :		
	Freshwater Habitat of Depths :		Terrestrial Habitat
	0,8 m	> 1 m	
4.5 g a.i./ha (crops)	1	0	15

* For field sprayer application, 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 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 buffer zone can be reduced by 30%.

**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.

NOTE: Applicators may recalculate a site-specific 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) medium or coarse classification.' To access the Buffer Zone Calculator, please visit the Pest Management Regulatory Agency web site.

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

The following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayers, spot treatment.

MIXING INSTRUCTIONS:

1. Fill the spray tank 1/4 to 1/3 full with clean water. Prepare mixture volume to apply a minimum of 100 litres spray volume per hectare.
2. With the agitator running, add the required number of Metsulfuron Methyl EUP Toss-N-Go® bags.
3. Continue to agitate until Metsulfuron Methyl EUP Toss-N-Go® is completely dispersed.
4. If another herbicide is to be added, do this now.
5. Add the rest of the required water.
6. If required in the mixture, add the surfactant now.
7. On repeat tank loads, draw down the tank contents to less than 10% of the original volume, and repeat from step 1. If more than 10% of the spray volume remains, pre-slurry Metsulfuron Methyl EUP Toss-N-Go® in a bucket of water before adding to the spray tank.
8. If an antifoam agent is required, add it last.

NOTE:

Continuous agitation is required to Metsulfuron Methyl EUP Toss-N-Go® in suspension in the spray tank for a uniform application.

Use spray preparation of Metsulfuron Methyl EUP Toss-N-Go® within 48 hours or product degradation may occur. If spray preparation is left standing without agitation, thoroughly agitate before spraying.

Do not mix the soluble bags with liquid fertilizers, substances that contain boron or substances that release free chlorine. Mixing the water-soluble bags with any of these compounds will result in an insoluble substance in the tank.

APPLICATION INSTRUCTIONS:

Apply the spray mixture with ground equipment only, using a minimum of 100 litres spray volume per hectare. Use a properly calibrated sprayer that will ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended. Use 50-mesh screens or larger.

Continuous agitation is required to keep Metsulfuron Methyl EUP Toss-N-Go® in suspension. Avoid overlapping, and shut off spray booms while starting, turning, slowing or stopping to prevent over-application.

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 Nalco-Trol[®] 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.

NOTE:

Extreme care must be taken to prevent drift to desirable plants or non-target agricultural land.

SPRAYER CLEANUP:

Immediately after spraying, thoroughly remove all traces of Metsulfuron Methyl EUP Toss-N-Go® from mixing and spray equipment in order to avoid subsequent injury to sensitive crops (other than wheat or barley, creeping red fescue, orchard grass or crested and intermediate wheat grass). Follow these instructions:

1. Drain tank and 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 Metsulfuron Methyl EUP Toss-N-Go®. If necessary, repeat step 1. **DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.**
2. Fill tank with clean water while adding 1 litre household ammonia (containing a minimum 3% ammonia) per 100 litres of water. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation. Again flush the hoses, boom and nozzles with the cleaning solution and drain tank.

3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat Step 2.
5. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

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.

MINIMUM CROP ROTATION GUIDELINES:

Rotation options are determined by application rate, soil pH, the crop to be planted and a minimum interval. Minimum interval is the time from the last application of Metsulfuron Methyl EUP Toss-N-Go® to date of planting the rotational crop. The following crop rotation guidelines are based on an application rate of 7.5 g/ha Metsulfuron Methyl EUP Toss-N-Go®.

BLACK AND GREY WOODDED SOILS:

INTERVAL PRIOR TO PLANTING (MONTHS AFTER APPLICATION):

SOIL pH	SW	DW	BR	OT	RS	FL	LN	CS	YM
6.9 Or Lower	10	10	10	10	10	10	34	48	48
7.0 - 7.9	10	10	10	10	22	34	48	48	48

SW=spring wheat; DW=durum wheat; BR=barley; OT=oats; RS=rapeseed; FL=flax; LN=lentils; CS=canary seed; YM=yellow mustard.

On black and grey wooded soils of pH 7.5 or lower, FESCUE may be planted in 10 months; ALFALFA, RED CLOVER, PEAS, and FLAX 22 months following application of Metsulfuron Methyl EUP Toss-N-Go®.

Do not use on soils with pH greater than 7.9.

All other crops FIELD BIOASSAY*

BROWN AND DARK BROWN SOILS:

INTERVAL PRIOR TO PLANTING (MONTHS AFTER APPLICATION):

SOIL pH	SW	DW	BR	OT	RS	FL	LN	CS	YM
6.9 or lower	10	10	10	10	22	22	34	48	48
7.0-7.9	10	10	10	22	34	34	48	48	48

SW=spring wheat; DW=durum wheat; BR=barley; OT=oats; RS=rapeseed; FL=flax; LN=lentils; CS=canary seed; YM=yellow mustard.

Do not use on soils with pH greater than 7.9.

All other crops FIELD BIOASSAY*

*IMPORTANT:

Land previously treated with Metsulfuron Methyl EUP Toss-N-Go® cannot be rotated to crops other than those listed until a FIELD BIOASSAY confirms that residues of Metsulfuron Methyl EUP Toss-N-Go® are not present. A FIELD BIOASSAY involves growing test strips of the crop(s) intended for production the following year in fields previously treated with Metsulfuron Methyl EUP Toss-N-Go®. Crop response will indicate whether or not to rotate to the crop(s) used in the test strip. See "Field Bioassay" section. A successful bioassay would be anticipated in the 3rd or 4th season after application (soil pH 7.0-7.9) dependent on the rotational crop selected. Failure to follow these instructions could result in injury to subsequent crops.

NOTE:

Wherever Metsulfuron Methyl EUP Toss-N-Go® is used on land previously treated with GLEAN* Herbicide, read the rotational guidelines on both labels and follow the one with the longest interval stated for your situation.

NOTE:

When considering interval prior to recropping broadleaf crops after a Metsulfuron Methyl EUP Toss-N-Go® application, extend the rotational interval one year if rainfall was less than 130 mm in the Brown & Dark brown Soil Zones or 250 mm in the Black and Grey Wooded Soil Zones in any year within a stated interval prior to planting.

FIELD BIOASSAY:

Select a representative area or areas of the field previously treated with Metsulfuron Methyl EUP Toss-N-Go® to plant your bioassay crop(s). Be sure to consider factors such as size of field, soil texture, drainage and turn-around areas when selecting the site(s) that are most representative of the soil conditions in the field. On large fields, more than one site may be needed in order to obtain reliable results.

Plant the test strips perpendicular to the direction in which the field was sprayed. The strips should be long enough to cross the width of several spray swaths. Large test strip areas are more reliable than small ones.

Use standard tillage and seeding equipment to plant the bioassay.

Prepare a seed bed and plant the crops and varieties you want the option of growing the following year. It is important to use the same planting time, conditions, techniques and cultural practices you normally use to plant and grow the bioassay crop(s). Also plant into an adjacent area not treated with Metsulfuron Methyl EUP Toss-N-Go® to use as a comparison.

As the crop(s) emerges and grows, examine these key points Metsulfuron Methyl EUP Toss-N-Go® treated and non-treated areas:

crop stand	root development	rate of growth
plant colour and vigour	yield	

Allow the bioassay crop(s) to grow to maturity while making your observations.

Do not overspray the test strips with herbicides that may damage the bioassay crop(s).

If the bioassay indicates that Metsulfuron Methyl EUP Toss-N-Go® residues are still present, continue cropping only to those crops listed on the label, and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally.

USE PRECAUTIONS:

RESISTANT WEED MANAGEMENT:

Some naturally occurring populations of certain weeds listed on this label will not be controlled by Metsulfuron Methyl EUP Toss-N-Go®, AMBER®, REFINE EXTRA®, EXPRESS®, MUSTER®, DF, or PLUS. These populations are able to survive a use rate several times higher than needed to control susceptible populations. To delay selection for resistant populations, rotate the use of Metsulfuron Methyl EUP Toss-N-Go®, AMBER*, REFINE EXTRA®, EXPRESS®, MUSTER®, DF and PLUS with other herbicides effective on the same weeds. Avoid use of Metsulfuron Methyl EUP Toss-N-Go®, AMBER*, REFINE EXTRA®, EXPRESS®, MUSTER®, DF and PLUS repeatedly in the same field. Recommended tank-mixes of Metsulfuron Methyl EUP Toss-N-Go® and 2,4-D or MCPA will also help delay the selection for resistant populations of weeds that are normally controlled or suppressed by both herbicides – see tank-mix section of label. Contact your local FMC representative or the FMC hotline at, 1-833-362-7722 for further information.

- Do not use on soils above pH 7.9
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls, or calcium deposits.
- Do not use more than 7.5 grams per hectare per year on wheat (spring and durum), barley, established creeping red fescue, orchard grass, crested and intermediate wheat grass (seed or forage) in the Prairie Provinces and the Peace River Region of British Columbia (soil pH 7.9 or lower).
- Do not apply Metsulfuron Methyl EUP Toss-N-Go® 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.
- Do not apply to irrigated land where tail water will be used to irrigate other cropland.
- Overspray or drift to important wildlife habitats such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided. Leave a 15-meter zone between the last spray swath and the edge of any of these habitats.
- Do not contaminate irrigation water.
- Do not apply within 15 meters of a body of water. Do not mix, load or apply within a minimum of 15 meters of all wells, including abandoned wells and drainage 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 Metsulfuron Methyl EUP Toss-N-Go® spray solution may severely injure susceptible crops or other non-target plants.

Do not apply to frozen ground where surface runoff may occur.

Because crop varieties differ in their tolerance to herbicides, limit first use of Metsulfuron Methyl EUP Toss-N-Go® to a small area of each variety prior to adoption as a field practice.

Do not apply Metsulfuron Methyl EUP Toss-N-Go® to a crop that is stressed by severe weather conditions, drought, low fertility, water saturated soil, disease or insect damage as crop injury may result. Drought, disease or insect damage following application also may result in crop injury.

Under certain conditions (such as heavy rainfall, prolonged cool weather, frost conditions, wide fluctuations in day/night temperatures) temporary lightening in crop colour and occasionally a slight reduction in crop height may occur.

Do not apply to a crop undersown with legumes or grasses as injury to the forage may result.

Do not remove soil from treated fields for use on lawns, in gardens or for backfill.

The additive effect of soil residues from the use of Metsulfuron Methyl EUP Toss-N-Go® and Assert® Herbicide on the same land has not been determined. Crop rotation guidelines and minimum rotation intervals are not known and injury to rotational crops other than wheat (excluding durum) may occur. Wherever land will be treated with Metsulfuron Methyl EUP Toss-N-Go® and has been or will be treated with Assert® Herbicide, plant only wheat (excluding durum) after both herbicides have been used, until a bioassay (see "Bioassay" section of the Metsulfuron Methyl EUP Toss-N-Go® label) demonstrates that other crops can be successfully grown.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, Metsulfuron Methyl EUP Toss-N-Go® is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Metsulfuron Methyl EUP Toss-N-Go® 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 Metsulfuron Methyl EUP Toss-N-Go® or other Group 2 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Canada at 1-833-362-7722.

STORAGE:

Store product in original container only, in a secure, well ventilated, dry area, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container tightly closed. Keep water soluble bags in original outer bag away from moisture.

DISPOSAL:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on the disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for 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.

®Toss-N-Go, Refine Extra, Express and Muster are Registered trademarks/trademark of FMC Canada or an affiliate

* All other products mentioned are trademarks of their respective companies.

<<Water Soluble Bag>>

Metsulfuron Methyl EUP Toss-N-Go®

KEEP OUT OF REACH OF CHILDREN

SEE DIRECTIONS FOR USE BOOKLET FOR COMPLETE PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT: Metsulfuron Methyl 60%

Warning, contains the allergens Sulfite and Milk.

DRY FLOWABLE

NET CONTENTS: 30.5 GRAMS



CAUTION

POISON

CAUTION: EYE IRRITANT