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BRY/MAE™ 2

Herbicide



Bayer CropScience

GROUP 4 6 HERBICIDE

FOR POSTEMERGENCE WEED CONTROL IN SPRING AND DURUM WHEAT

**FOR USE ONLY IN MANITOBA, SASKATCHEWAN, ALBERTA AND
PEACE RIVER, OKANAGAN AND CRESTON FLATS REGIONS OF BRITISH
COLUMBIA**

EMULSIFIABLE CONCENTRATE

This component must be used in the RRR/BRY/MAE Herbicide Tank-Mix.

AGRICULTURAL

GUARANTEE:

Bromoxynil (present as mixed octanoate
and heptanoate esters).....280 g/L
MCPA (present as 2-ethylhexyl ester).....280 g a.e./L

REGISTRATION NO. 29510 PEST CONTROL PRODUCTS ACT



WARNING

POISON

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 8 L

Product Information: 1-888-283-6847
www.bayercropscience.ca

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd S.E.
Calgary, Alberta T2C 3G3

In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day).

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE: See the printed booklet provided with this container.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs. Wash concentrate from skin or eyes immediately. Avoid working in spray mist. After use wash hands and other exposed skin. For both ground and aerial application, wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant nitrile gloves (e.g. Edmont Sol-Ves #37-155/ #37-145 or Pioneer A-15) which are in good condition when mixing/ loading, spraying, and during clean up and repair. In addition, wear coveralls over a long-sleeved shirt and long pants, and a chemical-resistant apron, during mixing/loading activities. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves. Do NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area being treated during the application. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. DO NOT reuse them. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at www.croplife.ca.

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

If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If 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 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 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.

TOXICOLOGICAL INFORMATION: This product contains an aromatic hydrocarbon solvent. Vomiting may cause aspiration pneumonia. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. Treat symptomatically.

ENVIRONMENTAL HAZARDS: Avoid contamination of ponds, streams, rivers and other water sources. TOXIC to aquatic organisms and non-target terrestrial plants.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment. Observe buffer zones specified under DIRECTIONS FOR USE.

Surface 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, fine textured, or low in organic matter such as clay). Avoid applying this product when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) 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. sand, loamy sand and sandy loam soils) and/or depth of the water table is shallow.

STORAGE: This BRY/MAE 2 Herbicide formulation will solidify at temperatures below -20° C but will become usable at temperatures above 0° C. Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs. Insecticides and fungicides should be segregated from herbicides so as to prevent the possibility of cross-contamination.

DISPOSAL:

Recyclable Container

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

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

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

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

TMBRY/MAE is a trademark of Bayer.



Bayer CropScience

GROUP	2	HERBICIDE	
GROUP	4	6	HERBICIDE

RRR/BRY/MAE™ Herbicide Tank-Mix

FOR POSTEMERGENCE WEED CONTROL IN SPRING AND DURUM WHEAT

FOR USE ONLY IN MANITOBA, SASKATCHEWAN, ALBERTA AND

PEACE RIVER, OKANAGAN AND CRESTON FLATS REGIONS OF BRITISH COLUMBIA

AGRICULTURAL

READ THE LABELS AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

This co-package contains:

RRR 1 HERBICIDE

SUSPENSION

GROUP	2	HERBICIDE
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GUARANTEE: thiencarbazono-methyl.....10 g/L

REGISTRATION NO. 29511 PEST CONTROL PRODUCTS ACT

BRY/MAE 2 HERBICIDE

EMULSIFIABLE CONCENTRATE

GROUP	4	6	HERBICIDE
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GUARANTEE:

Bromoxynil (present as mixed octanoate and heptanoate esters) 280 g/L

MCPA (present as 2-ethylhexyl ester).....280 g a.e./L

REGISTRATION NO. 29510 PEST CONTROL PRODUCTS ACT



WARNING

POISON

WARNING – EYE AND SKIN IRRITANT

NET CONTENTS:

RRR 1 HERBICIDE - 4 L

BRY/MAE 2 HERBICIDE – 8 L

The contents of this carton will treat 8 hectares (20 acres).

Product Information: 1-888-283-6847

www.bayercropscience.ca

Bayer CropScience Inc.

Suite 200, 160 Quarry Park Blvd SE

Calgary, Alberta T2C 3G3

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GENERAL INFORMATION

SECTION 1: NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

SECTION 2: THE PRODUCT

RRR/BRY/MAE™ Herbicide Tank-Mix is a post-emergent herbicide concept that provides control of certain annual grass weeds, annual broadleaf weeds and suppression of select perennial broadleaf weeds in Spring Wheat (hard red spring, Canada Prairie spring, soft white spring, and extra strong or utility) and Durum wheat.

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER, OKANAGAN AND CRESTON FLATS REGIONS OF BRITISH COLUMBIA.

SAFETY AND HANDLING

SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Avoid breathing vapors, or spray mist. Avoid working in spray mist. Harmful or Fatal if swallowed. Causes eye irritation. DO NOT get in eyes. May irritate the skin. Avoid contact with skin and clothing. Wash concentrate from skin or eyes immediately. Wash hands and other exposed skin thoroughly with soap and water after handling and before eating, drinking or smoking. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): For Aerial Application and Application using Groundboom Equipment:

Applicators must wear long-sleeved shirts, long pants, shoes plus socks and chemical-resistant gloves such as barrier laminate, or butyl rubber > 14 mils or nitrile rubber > 14 mils. In addition, during mixing/loading, clean up and repair, workers must wear coveralls and protective eyewear (safety glasses), as well as a chemical resistant apron during mixing/loading activities. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. 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.

USER SAFETY RECOMMENDATIONS: Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DO NOT apply this product in a way that this product will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area being treated during application.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at : www.croplife.ca.

SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION
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FIRST AID:

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

If swallowed	<ul style="list-style-type: none"> • Call a poison control centre or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control centre or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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 inhaled	<ul style="list-style-type: none"> • 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 in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for

	<p>15–20 minutes.</p> <ul style="list-style-type: none"> 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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TOXICOLOGICAL INFORMATION:

RRR 1 Herbicide: No specific antidote is available. Treat the patient symptomatically.

This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

BRY/MAE 2 Herbicide: This product contains an aromatic hydrocarbon solvent. Vomiting may cause aspiration pneumonia. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. Treat symptomatically.

SECTION 5: ENVIRONMENTAL PRECAUTIONS AND INFORMATION

RRR 1 Herbicide: This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms and non-target terrestrial plants.

BRY/MAE 2 Herbicide: TOXIC to aquatic organisms and non-target terrestrial plants. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms.

Observe buffer zones specified under DIRECTIONS FOR USE.

As these products are not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

Surface 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, fine textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

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

Leaching

The use of these chemicals may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or depth of the water table is shallow.

SECTION 6: STORAGE

Store in a cool, dry place. Do not store below freezing. Shake well before using. Do not contaminate, water, food, or feed by storage and disposal. To prevent contamination, store this product away from food or feed. Store product in original container only and keep tightly closed. Store away from other pesticides, feeds, seeds, fertilizers, foodstuffs or plants. Do not use or store in or around the home.

SECTION 7: DISPOSAL

Recyclable Container

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

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

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

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

DIRECTIONS FOR USE

SECTION 8: CROPS AND WEEDS

8.1 CROPS AND APPLICATION TIMING

RRR/BRY/MAE Herbicide Tank-Mix may be applied to the following crops when at the indicated growth stages:

CROP	RECOMMENDED GROWTH STAGE	REMARKS
Spring Wheat (incl. hard red spring, Canada Prairie spring, soft white spring and extra strong (utility) wheat)	2 to 6 leaves on main stem, plus 3 tillers, but prior to jointing (presence of first node)	<ul style="list-style-type: none"> • Do not apply to crop that is under stress due to abnormal environmental conditions such as frost, extreme heat, low fertility, drought, flooding, or disease and/or insect damage as crop injury may result. Under drought conditions: <ul style="list-style-type: none"> ○ Do not spray RRR/BRY/MAE Herbicide Tank-Mix if time between seeding and spraying exceeds 35 days (as drought hastens crop development) ○ Do not spray RRR/BRY/MAE Herbicide Tank-Mix three days prior to or following cold temperatures (3°C or lower) <ul style="list-style-type: none"> • Do not treat wheat underseeded to legumes. • Refer to section 9.1 for general reminders for successful operation.
Durum Wheat		

8.2

APPLICATION RATE AND WEEDS CONTROLLED

Treatment with RRR/BRY/MAE Herbicide Tank-Mix containing **RRR 1 Herbicide at 0.5 L/ha plus BRY/MAE 2 Herbicide at 1 L/ha** applied according to label recommendations will provide control of the following weed species:

GRASS WEEDS	RECOMMENDED STAGE
Wild oats	1 to 6 leaves, up to emergence of the 3 rd tiller
Green foxtail	
Barnyard grass	
Yellow foxtail ¹	
Persian Darnel ¹	
Voluntary canary seed	1 to 6-leaves, up to emergence of 2 nd tiller
Japanese Brome ¹	1 to 6-leaf stage

BROADLEAF WEEDS	RECOMMENDED STAGE
American nightshade	Up to 4-leaf stage
Ball mustard	Up to 4-leaf stage
Bluebur	Up to 4-leaf stage
Canada Thistle ¹	Top-growth suppression
Cleavers	1 to 6 whorls
Cocklebur	Up to 4-leaf stage
Common buckwheat	Up to 8-leaf stage
Common groundsel	Up to 8-leaf stage
Common ragweed	Up to 8-leaf stage
Cow cockle ²	Up to 4-leaf stage
Flixweed	Up to 4-leaf stage
Green smartweed	Up to 4-leaf stage
Hemp-nettle	1 to 6-leaf stage
Kochia	Up to 5 cm high
Lady's-thumb	Up to 4-leaf stage
Lamb's Quarters	Up to 8-leaf stage
Night-flowering catchfly	Up to 4-leaf stage
Pale Smartweed	1 to 6-leaf stage
Perennial sow-thistle ¹	Top-growth suppression
Redroot pigweed	1 to 6-leaf stage
Round-leaved mallow ¹	1 to 6-leaf stage
Russian Thistle	Up to 5 cm high
Scentless chamomile ³	Up to 4-leaf stage
Shepherd's-purse	1 to 6-leaf stage
Stinkweed	Up to 8-leaf stage
Tartary buckwheat	Up to 8-leaf stage
Velvetleaf	Up to 8 cm high (up to 4-leaf stage)

Volunteer canola	1 to 6-leaf stage
Volunteer sunflower	Up to 4-leaf stage
Wild buckwheat	Up to 8-leaf stage
Wild mustard	Up to 8-leaf stage
Wild tomato	Up to 6-leaf stage
Wormseed mustard	Up to 8-leaf stage

- 1 SUPPRESSION ONLY
- 2 Plants beyond this stage are unlikely to be controlled
- 3 Spring annuals only

- For best results, apply to emerged, young, actively growing weeds according to the weed stages listed. Research has demonstrated that optimum wheat yield is obtained when weeds are removed early.
- Under stressed conditions and/or heavy crop canopy, early application will result in improved weed control.
- Weeds growing under adverse environmental conditions such as drought will be less susceptible to RRR/BRY/MAE Herbicide Tank-Mix.

8.3 RAINFASTNESS

- Rainfall within 60 minutes of application may reduce effectiveness.

SECTION 9: APPLICATION INSTRUCTIONS and USE LIMITATIONS

9.1 GENERAL REMINDERS FOR SUCCESSFUL OPERATION

- Apply only once per season with ground or aerial equipment.
- **Do not treat wheat underseeded to legumes.**
- Do not use RRR/BRY/MAE Herbicide Tank-Mix if another Group 2 grass herbicide has been previously applied in the same season.
- Do not use another Group 2 grass herbicide following an application of RRR/BRY/MAE Herbicide Tank-Mix in the same season.
- For best results, apply to emerged, young, actively growing weeds. Application *must* be made before the crop shields the weeds.
- RRR/BRY/MAE Herbicide Tank-Mix will have an effect on weeds that are larger than the recommended leaf stage, however the speed of activity and level of control may be reduced.
- Under cool and/or dry conditions activity may be reduced or delayed. If weeds are under stress due to abnormal environmental conditions, delay application until stress passes and after weeds have resumed active growth. Weed control may also be reduced if application is made when weeds are dust covered or in the presence of heavy dew, fog, or mist/rain.
- Do not apply to crop that is under stress due to abnormal environmental conditions

such as frost, extreme heat, low fertility, drought, flooding, or disease and/or insect damage as crop injury may result.

- Follow directions under Section 8 for the correct rate and timing of application.
- Avoid overlapping; shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over-application.
- Avoid contact with desirable plants or crops either from direct application or from spray drift as severe damage may occur.
- Do not allow this chemical to drift on to other crops, especially canola, tame oats, or other non target crops.
- DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), estuarine/ marine habitats.
- Do not overspray non-target terrestrial or aquatic habitats. Do not contaminate aquatic habitats when cleaning and rinsing spray equipment or containers.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

9.2 GROUND AND AERIAL APPLICATION

GROUND APPLICATION

- Apply in a spray volume of 46.8 - 93.5 L/ha at 275 kPa pressure to ensure proper weed coverage. Ensure that all tips are in good condition and spraying the same volume.
- Adjust boom height to ensure uniform coverage of the weeds. For ground applications, spray at 5 – 10 Kph.
- Flat fan nozzles of 80° or 110° are recommended for optimum coverage.
- Do not use floodjet or controlled droplet application equipment or Sprafoil® equipment.
- Nozzles may be oriented 45° forward to enhance crop penetration and to give better weed coverage.
- Uniform, thorough coverage is important to obtain consistent weed control. Higher water volumes should be used under dense crop and weed canopies to ensure thorough coverage of the target weeds.
- 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) coarse classification. Boom height must be 60 cm or less above the crop or ground.

AERIAL APPLICATION

- Apply RRR/BRY/MAE Herbicide Tank-Mix alone in no less than 28 litres of water per hectare at a pressure no less than 300 kPa. For best results when there is a heavy crop canopy, or when the majority of the weeds are cow cockle, a volume rate of 40 L/ha is recommended.
- 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 on this label.
- Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Aerial Use Precautions

- Read and understand the entire label before opening this product. If you have questions, call Bayer CropScience Inc. at 1-888-283-6847 or obtain technical advice from the distributor or your provincial agricultural representative.
- 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*.
- Do not apply to terrain where there is a potential for surface run-off to enter aquatic systems.
- Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified 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 spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelterbelt) or aquatic habitat.
- DO NOT apply when wind speed is greater than 16 km/h at a flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification.
- DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Aerial 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 pilots have communication capabilities at each treatment site at the time of application.
- Aerial applicators must wear long pants and a long-sleeved shirt. The field crew and the mixers/loaders must wear chemical resistant gloves, long pants, a long-sleeved shirt, coveralls, shoes plus socks and protective eyewear (safety glasses)

during mixing, loading, clean-up and repair activities. Aircraft must be closed cab. Mixer/loader and applicator must be different individuals.

- No human flaggers permitted.
- 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 the manufacturer at 1-888-283-6847 or obtain technical advice from the distributor or your provincial agricultural representative.

9.3 BUFFER ZONES

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

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

Method of Application	Buffer Zones (metres) Required for the Protection of:				
	Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat
	Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field Sprayer*	1	1	1	1	4
Aerial (fixed wing)	20	5	1	1	60
Aerial (rotary wing)	20	3	1	1	50

*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 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 canopy or ground, the labelled buffer zone can be reduced by 30%.

9.4 ROTATIONAL CROPS

Only the following crops have been field tested to indicate they may be safely planted at the prescribed interval after an application of RRR/BRY/MAE Herbicide Tank-Mix. To avoid the possibility of injury to subsequent crops after an application of the recommended rate of RRR/BRY/MAE Herbicide Tank-Mix, follow the crops and replanting interval which appear on this label. A field bioassay must be conducted the year prior to growing any other crop of interest to confirm crop safety.

CROP	REPLANTING INTERVAL
Alfalfa	10 months
Barley, spring	10 months
Canaryseed	10 months
Canola	10 months
Chickpeas	10 months
Corn, field	10 months
Dry bean	10 months
Flax, including low linolenic acid varieties	10 months
Lentils	10 months
Mustard	10 months
Oats, spring	10 months
Peas, field	10 months
Soybeans	10 months
Sunflowers	10 months
Timothy	10 months
Wheat, spring, durum and winter	10 months

SECTION 10: PRE-HARVEST, PRE-GRAZING/FEEDING AND RE-ENTRY INTERVALS

- DO NOT graze the treated crops or cut for forage, or hay within 30 days of application.
- Withdraw meat animals from treated fields 3 days before slaughter.
- DO NOT harvest wheat for grain or straw within 60 days of application.
- DO NOT re-enter treated fields within 24 hours of application.

SECTION 11: MIXING INSTRUCTIONS

RRR/BRY/MAE Herbicide Tank-Mix must be applied with properly calibrated and clean sprayer equipment. RRR/BRY/MAE Herbicide Tank-Mix is specially formulated to mix readily in water. Prior to adding RRR/BRY/MAE Herbicide Tank-Mix to the spray tank, ensure that the spray tank is thoroughly clean (see Section 12 "Sprayer Cleanup").

1. Fill the spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full with clean water and begin agitation or bypass.
2. Add the appropriate rate of RRR 1 Herbicide, as specified under Section 8, directly to the spray tank. Maintain sufficient agitation during both mixing and application.

3. Add BRY/ MAE 2 Herbicide, as specified under Section 8.
4. Fill the spray tank with balance of water required.
5. Maintain sufficient agitation during both mixing and application of RRR/BRY/MAE Herbicide Tank-Mix.

RRR/BRY/MAE Herbicide Tank-Mix may settle if left standing without agitation. If the spray solution is allowed to stand for one hour or more, re-agitate the spray solution for a minimum of 10 minutes before application.

SECTION 12: SPRAYER CLEANUP

Before and after using RRR/BRY/MAE Herbicide Tank-Mix always complete a thorough cleaning of the spray tank, lines and filters. The following procedures are recommended:

1. Drain the tank completely, and then wash out tank, boom and hoses with clean water. Drain again.
2. Half fill the tank with clean water and add ammonia (i.e., 3% domestic ammonia solution) at a dilution rate of 1% (i.e., 1 litre of domestic ammonia for every 100 litres of rinsate). Complete filling of the tank with water. Agitate/recirculate and flush through boom and hoses. Leave agitation on for 10 minutes. Drain tank completely.
3. Repeat step 2.
4. Remove nozzles and screens and soak them in a 1% ammonia solution. Inspect nozzles and screens and remove visible residues.
5. Flush tank, boom, and hoses with clean water.
6. Inspect tank for visible residues. If present, repeat step 2.
7. Dispose of rinsings in accordance with provincial regulations.

SECTION 13: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, RRR/BRY/MAE Herbicide Tank-Mix is a Group 2, 4 and 6 herbicide. Any weed population may contain or develop plants naturally resistant to RRR/BRY/MAE Herbicide Tank-Mix and other Group 2, 4 and 6 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:

1. Where possible, rotate the use of RRR/BRY/MAE Herbicide Tank-Mix or other Group 2, 4 and 6 herbicides with different herbicide groups that control the same weeds in a field.
2. Use tank mixtures with herbicides from a different group when such use is permitted.
3. 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.
4. Monitor treated weed populations for resistance development.

5. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
6. 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.
7. For further information or to report suspected resistance contact Bayer CropScience Inc. via internet at www.bayercropscience.ca or telephone at 1-888-283-6847.

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