30-JUL-2003

11-SEP-2003 Notification received of a label change. See below for this change.

Page 1 of 3

GROUP 5 HERBICIDE

# **AATREX® NINE-0®**

**AGRICULTURAL** 

HERBICIDE

Water Dispersible Granule for Selective Weed Control in Corn and Blueberries

**GUARANTEE:** 

# READ THE LABEL AND PAMPHLET BEFORE USING KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO.: 14842
PEST CONTROL PRODUCTS ACT

**NET CONTENTS: 10 Kg** 

Syngenta Crop Protection Canada, Inc. 140 Research Lane, Research Park Guelph, ON N1G 4Z3

Notification Change

Bag

# **NOTICE TO USER**

This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

# **NOTICE TO BUYER**

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

#### **FIRST AID**

**IF POISONING IS SUSPECTED, IMMEDIATELY** contact a physician or a poison control centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**If swallowed**, **IMMEDIATELY** give large quantities of water and induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention or contact a poison control centre.

**If in eyes**, splash repeatedly with large amounts of clean water. Obtain medical attention or contact a poison control centre.

**If on skin**, remove contaminated clothing **IMMEDIATELY**. Wash skin thoroughly with soap and water. If irritation occurs, obtain medical attention.

#### TOXICOLOGICAL INFORMATION

Treat symptomatically

# **PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN AND UNAUTHORIZED PERSONNEL. Harmful if swallowed. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. When applying the product wear a coverall over a long-sleeved shirt and long pants and chemical-resistant boots. Additionally, wear chemical-resistant gloves, when servicing the sprayer and during cleanup. Persons involved in mixing/loading operations should wear the previously mentioned clothing, chemical-resistant gloves and a face shield.

Do not eat, drink or smoke when using product. Wear freshly laundered clothes daily. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

This product should not be mixed/loaded within 30 meters of any wells, lakes, streams, ponds or sink holes in order to avoid the potential of well or surface water contamination. Do not use this product within 10 meters of the above mentioned water sources. Avoid contamination of food and feed, domestic or irrigation water supplies, lakes, streams and ponds. Do not apply this product

through any type of irrigation system. USE ONLY ON LABELLED CROPS. Do not apply at rates greater than 1.7 kg/ha, except for weed control in lowbush blueberries.

DO NOT APPLY BY AIR

STORE IN A DRY PLACE.

**CAUTION:** Do not graze treated immature crops or cut for fodder. In the case of corn, immature means before ear emergence. Sufficient data is not available to support such use.

If this pest control product is to be used on commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or <a href="https://www.cropro.org/">www.cropro.org/</a>."

# **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 clean up of spills.

#### **CONTAINER DISPOSAL**

- 1. Empty bag thoroughly into spray tank.
- 2. Make the empty bag unsuitable for further use.
- 3. Dispose of the bag in accordance with provincial requirements.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING CALL 1-800-327-8633 (FASTMED)

® AAtrex is a registered trademark of a Syngenta group company

GROUP 5 HERBICIDE

# **AATREX**® NINE-0®

**AGRICULTURAL** 

**HERBICIDE** 

Water Dispersible Granule for Selective Weed Control in Corn and Blueberries

# **GUARANTEE:**

# READ THE LABEL AND PAMPHLET BEFORE USING KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO.: 14842
PEST CONTROL PRODUCTS ACT

Syngenta Crop Protection Canada, Inc. 140 Research Lane, Research Park Guelph, ON N1G 4Z3

**PAMPHLET** 

Page 2 of 11

# **NOTICE TO USER**

This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control*, *Products Act* to use a control product under unsafe conditions.

# **NOTICE TO BUYER**

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

#### **FIRST AID**

**IF POISONING IS SUSPECTED, IMMEDIATELY** contact a physician or a poison control centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**If swallowed**, **IMMEDIATELY** give large quantities of water and induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention or contact a poison control centre.

**If in eyes**, splash repeatedly with large amounts of clean water. Obtain medical attention or contact a poison control centre.

**If on skin**, remove contaminated clothing **IMMEDIATELY**. Wash skin thoroughly with soap and water. If irritation occurs, obtain medical attention.

# **TOXICOLOGICAL INFORMATION**

Treat symptomatically

#### **PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN AND UNAUTHORIZED PERSONNEL. Harmful if swallowed. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. When applying the product wear a coverall over a long-sleeved shirt and long pants and chemical-resistant boots. Additionally, wear chemical-resistant gloves, when servicing the sprayer and during cleanup. Persons involved in mixing/loading operations should wear the previously mentioned clothing, chemical-resistant gloves and a face shield.

Do not eat, drink or smoke when using product. Wear freshly laundered clothes daily. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

This product should not be mixed/loaded within 30 meters of any wells, lakes, streams, ponds or sink holes in order to avoid the potential of well or surface water contamination. Do not use this product within 10 meters of the above mentioned water sources. Avoid contamination of food and feed, domestic or irrigation water supplies, lakes, streams and ponds. Do not apply this product

Page 3 of 11

through any type of irrigation system. USE ONLY ON LABELLED CROPS. Do not apply at rates greater than 1.7 kg/ha, except for weed control in lowbush blueberries.

DO NOT APPLY BY AIR

STORE IN A DRY PLACE.

**CAUTION:** Do not graze treated immature crops or cut for fodder. In the case of corn, immature means before ear emergence. Sufficient data is not available to support such use.

If this pest control product is to be used on commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or <a href="https://www.cropro.org/">www.cropro.org/</a>."

# **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 clean up of spills.

# **CONTAINER DISPOSAL**

- 1. Empty bag thoroughly into spray tank.
- 2. Make the empty bag unsuitable for further use.
- 3. Dispose of the bag in accordance with provincial requirements.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING CALL 1-800-327-8633 (FASTMED)

Page 4 of 11

# **GENERAL INFORMATION**

AAtrex<sup>®</sup> Nine-0<sup>®</sup> herbicide provides selective control of broadleaf weeds and wild oats in corn and certain broadleaf weeds in blueberries. This product may be applied before or after weeds emerge.

#### WEEDS CONTROLLED

Wormseed Mustard
Wild Buckwheat
Lamb's-quarters
Common Purslane
Ragweed
Ragweed
Volunteer Clover
Smartweed
Wild Oats

Lady's-thumb

NOTE: Some naturally occurring triazine tolerant biotypes of the above listed broadleaf weeds may not be controlled by atrazine alone. Refer to specific recommendations in the tank-mix section of this label or consult your local agricultural authority.

#### TIMING OF APPLICATION

Can be applied:

- . Pre-plant incorporated (PPI)
  - Pre-emergence
- . Post-emergence in either conventional tillage or minimum tillage programs.

If weeds escape a ppi or pre-emergence application, an additional post-emergence application may be necessary. Do not make more than one re-application per year and only in the spring.

# LIQUID FERTILIZERS (CORN)

For pre-plant incorporated and pre-emergence application, nitrogen solutions or complete liquid fertilizers may replace the water as a carrier.

CAUTION: Do not apply after the corn has emerged as there is danger of liquid fertilizer causing crop injury. If there is any doubt about compatibility, check by mixing a small amount of AAtrex Nine-0 with the liquid fertilizer.

#### DRY BULK GRANULAR FERTILIZERS

Many dry bulk granular fertilizers may be impregnated with AAtrex Nine-0 or AAtrex Nine-0 plus Dual<sup>®</sup> Magnum<sup>®</sup> herbicide, DUAL II Magnum herbicide or Eradicane<sup>®</sup> 8E herbicide as a preplant incorporated application to control weeds in corn.

Prepare the herbicide/fertilizer mixtures by using any commonly used dry bulk fertilizer blender. Spray the herbicide(s) uniformly onto the fertilizer.

If the herbicide/fertilizer mixture is too wet, the use of a highly absorptive powder such as Microcel E, diatomaceous earth or finely powdered clay is recommended. Generally less than 2% by weight of absorptive powder will be needed.

For best results, apply AAtrex Nine-0 herbicide, AAtrex Nine-0 herbicide plus DUAL Magnum herbicide, DUAL II Magnum herbicide or AAtrex Nine-0 herbicide plus Eradicane 8E herbicide fertilizer mixtures uniformly to the soil with properly calibrated equipment immediately after blending and incorporate according to label directions.

NOTE: Apply a minimum of 225 kg per hectare of dry granular fertilizer impregnated with recommended rates of AAtrex Nine-0 herbicide, AAtrex Nine-0 herbicide plus DUAL Magnum herbicide, DUAL II Magnum herbicide or AAtrex Nine-0 herbicide plus Eradicane herbicide tank mixtures. Do not impregnate AAtrex Nine-0 herbicide, AAtrex Nine-0 herbicide plus DUAL Magnum herbicide, DUAL II Magnum herbicide or AAtrex Nine-0 herbicide plus Eradicane 8E herbicide onto nitrate fertilizers, super phosphates or limestone.

Do not use AAtrex Nine-0 herbicide plus Eradicane 8E herbicide on corn seed stock.

# AATREX NINE-0 IN OIL-WATER EMULSIONS (POST-EMERGENT TREATMENT)

The post-emergent activity of AAtrex Nine-0 herbicide is increased when applied in an oil-water emulsion. This combination produces satisfactory control of seedling broadleaf weeds up to 10 cm high. Always apply AAtrex Nine-0 herbicide before the corn reaches 30 cm in height in order to favour degradation during the growing season. The combination of AAtrex Nine-0 herbicide in oil-water emulsions has been particularly useful following periods of hot, dry weather, when weeds are more difficult to kill.

NOTE: Some injury to corn can occur with AAtrex Nine-0 herbicide applied in oil-water emulsions, especially during cold, backward weather. There is no risk of corn injury when AAtrex Nine-0 herbicide is applied in water alone. Do not add hormone-type weed killers such as 2,4-D, 2,4-DB, MCPA, MCPB and dicamba herbicide, or other herbicides, to combinations of oil-water emulsions and AAtrex Nine-0 herbicide. The risk of damage to other vegetation from spray drift is increased with the use of AAtrex Nine-0 herbicide in an oil-water emulsion.

#### MIXING AND SPRAYING INSTRUCTIONS

This product should not be mixed/loaded, or used within 30 metres of any wells, lakes, streams, ponds or sink holes in order to avoid the potential of well or surface water contamination. Where possible, use a nurse tank to fill your spray tank.

Page 6 of 11

# Mixing Steps:

- 1. Spray equipment should be thoroughly flushed with clean water before mixing AAtrex Nine-0 herbicide.
- 2. Fill spray tank 1/2 full with carrier. Engage gentle agitation.
- 3. Pour in the required amount of AAtrex Nine-0 herbicide and/or wettable powder or wettable granule herbicides.
- 4. Fill tank 3/4 full and add liquid flowable herbicide if applicable.
- 5. Fill tank 9/10 full and add emulsifiable concentrate, liquid solutions or emulsifiable oils, as required. If adding emulsifiable oils, avoid excessive agitation to prevent mixture from forming a grease-like mass and settling out.
- 6. Finish filling tank. Maintain gentle agitation during mixing and spraying operations.
- Do not let stand without agitation.
- 8. When using a mixture of AAtrex Nine-0 herbicide and an emulsifiable oil, clean tank immediately after use with a strong detergent and clean water.
  - Spray pressure 200 300 kPa
  - Spray volume minimum 150 litres per hectare
  - Use 16 mesh suction screen. 50 mesh screens elsewhere on sprayer.

#### **APPLICATION INFORMATION - CORN**

# Ground Application only. Do not apply by air. FOR AATREX NINE-0 HERBICIDE ALONE, PPI AND PRE-EMERGENCE TREATMENTS

SOIL TYPE	RATE OF APPLICATION/HA
Light and Sandy	1.1 - 1.7* kg AAtrex Nine-0 herbicide
Loams and Clays	1.7 kg AAtrex Nine-0 herbicide

<sup>\*</sup>Use higher rate for heavy weed infestations.

Rainfall is required within 10 days or a shallow cultivation will be necessary.

AAtrex Nine-0 may be applied as an overall spray or as a band application. USE PROPORTIONATELY LESS PRODUCT FOR BAND APPLICATION.

#### PRE-PLANT INCORPORATED TANK MIXES (Silage, Field, Sweet Corn)

WEEDS CONTROLLED	PRODUCT RATES		
Broadleaf Weeds and Wild Oats	1.1 - 1.7 kg/ha AAtrex Nine-0 herbicide		
Yellow Nutsedge, Annual Grasses and	1.1 - 1.7 kg/ha +	1.25 – 1.75 L/ha	
Broadleaf Weeds	AAtrex Nine-0 herbicide	DUAL Magnum or	
		DUAL II Magnum herbicide	
	1.1 - 1.7 kg/ha +	5.5 - 8.5 L/ha	
	AAtrex Nine-0 herbicide	Sutan+ <sup>®</sup> 8E	
Annual Grasses and Broadleaf Weeds	1.1 - 1.7 kg/ha +	4.25 - 5.5 L/ha	
	AAtrex Nine-0 herbicide	Sutan+ 8E	
	1.2 - 1.5 kg/ha +	4.25 - 8.5 L/ha	
	AAtrex Nine-0 herbicide	Eradicane 8E <sup>1</sup>	

Do not use AAtrex Nine-0 herbicide + Eradicane 8E herbicide tank mix on corn seed stock.

If tillage is intended after spraying, do not incorporate AAtrex Nine-0 herbicide deeper than 5.0 cm

CONSULT TANK MIX PARTNER LABELS FOR COMPLETE INSTRUCTIONS AND RESTRICTIONS.

# PRE-EMERGENT TANK MIXES (Silage, Field, Sweet Corn):

WEEDS CONTROLLED	PRODUCT RATES		
Broadleaf Weeds and Wild Oats	1.1 - 1.7 kg/ha AAtrex Nine-0	herbicide	
Broadleaf Weeds, Wild Oats and	1.1 - 1.7 kg/ha +	1.25 L/ha	
Triazine Tolerant Weeds*	AAtrex Nine-0 herbicide	Banvel II 1, 2	
Annual Grasses and Broadleaf Weeds	1.1 - 1.7 kg/ha +	1.25 – 1.75 L/ha	
	AAtrex Nine-0 herbicide	DUAL Magnum or	
		DUAL II Magnum herbicide	
Annual Grasses, Broadleaf Weeds and	1.1 - 1.7 kg/ha +	1.25 – 1.75 L/ha	
Triazine Tolerant Weeds*	AAtrex Nine-0 herbicide	DUAL Magnum or	
		DUAL II Magnum herbicide	
	+	1.25 L/ha	
		Banvel II 1, 2	
	1.1 - 1.7 kg/ha +	1.25 – 1.75 L/ha	
	AAtrex Nine-0 herbicide	DUAL Magnum or	
		DUAL II Magnum herbicide	
	+	0.75 - 1.5 kg/ha	
		Lorox <sup>®</sup> DF <sup>1</sup>	

- DO NOT APPLY TO SWEET CORN.
- <sup>2</sup> Eastern Canada only.
- \* This tank mix will control triazine tolerant forms of the weeds listed on Banvel II herbicide label.

A firm, level seedbed free from large clumps and surface trash must be prepared to ensure uniform weed control. Do not use AAtrex Nine-0 herbicide on loose and rough seedbeds.

CONSULT TANK-MIX PARTNER LABELS FOR COMPLETE INSTRUCTIONS AND RESTRICTIONS.

Page 8 of 11

# POST-EMERGENT TANK MIXES (Silage, Field, Sweet Corn):

WEEDS CONTROLLED	PRODUCT RATES		
Broadleaf Weeds and Wild Oats	1.1 - 1.7 kg/ha +	17 L/ha	
	AAtrex Nine-0 herbicide	emulsifiable crop oil	
	1.1 - 1.7 kg/ha +	2.75 - 5.5 L/ha	
	AAtrex Nine-0 herbicide	Kornoil Concentrate**	
Broadleaf Weeds, Wild Oats and Triazine	1.1 - 1.7 kg/ha +	0.6 L/ha	
Tolerant Weeds*	AAtrex Nine-0 herbicide	Banvel II <sup>1</sup>	
	1.1 - 1.7 kg/ha +	0.85 L/ha	
	AAtrex Nine-0 herbicide	Kil-Mor <sup>®</sup>	
	1.1 - 1.7 kg/ha +	1.0 L/ha	
	AAtrex Nine-0 herbicide	Pardner <sup>® 2</sup>	
	1.1 - 1.7 kg/ha +	1.0 L/ha	
	AAtrex Nine-0 herbicide	Buctril <sup>®</sup> M <sup>2, 3</sup>	
	1.1 kg/ha +	1.0 kg/ha	
	AAtrex Nine-0 herbicide	Lentagran <sup>®</sup> 45WP <sup>4</sup>	
Broadleaf Weeds and Triazine Tolerant	0.56 kg/ha +	1.0 - 1.2 <u>L</u> /ha	
Weeds***	AAtrex Nine-0 herbicide	Pardner <sup>2</sup>	
Annual Grasses and Broadleaf Weeds	1.1 - 1.7 kg/ha +	1.25 – 1.75 L/ha	
	AAtrex Nine-0 herbicide	DUAL Magnum or	
		DUAL II Magnum herbicide	

- \* Tank mix with Banvel II herbicide or Kil-Mor herbicide will control triazine tolerant forms of the weeds listed on their labels.
- \*\* Rate of Kornoil Concentrate depends on water volume used. Use 300 L water/ha at higher rate.
- \*\*\* This treatment will provide control of:
  - Redroot Pigweed (triazine susceptible) seedlings up to the 6-leaf stage
  - Velvet leaf seedlings up to the 6-leaf stage and less than 10 cm in height
  - Common Ragweed seedlings up to the 8-leaf stage.
- DO NOT APPLY TO SWEET CORN.
- WEAR CHEMICAL-RESISTANT NITRILE GLOVES WHEN MIXING/LOADING, SPRAYING AND DURING CLEAN UP AND REPAIRS. SEE TANK-MIX PARTNER LABEL.
- CORN WILL BE DAMAGED WITH THIS TANK MIX IF TREATED AFTER THE 6-LEAF STAGE.
- DO NOT APPLY WITHIN 45 DAYS OF HARVEST.
- ALWAYS APPLY AATREX NINE-0 HERBICIDE BEFORE THE CORN REACHES 30 CM IN HEIGHT
- SOME INJURY TO CORN CAN OCCUR WITH AATREX NINE-0 HERBICIDE APPLIED IN OIL-WATER EMULSIONS UNDER CROP STRESS CONDITIONS
- USE ONLY CROP OILS OR OIL CONCENTRATES LABELLED FOR USE WITH AATREX NINE-0 HERBICIDE
- OILS CONTAMINATED WITH WATER OR OTHER MATERIALS CAN CAUSE COMPATIBILITY PROBLEMS, CROP INJURY, OR BOTH.

CONSULT TANK MIX PARTNER LABELS FOR COMPLETE INSTRUCTIONS AND RESTRICTIONS.

Page 9 of 11

#### **WEED CONTROL IN LOWBUSH BLUEBERRIES:**

Weeds controlled:

Brown top Canada goldenrod\*
Poverty grass Narrowleaf goldenrod\*
Sheep fescue Solidago bicolor\*
Hawkweed Wild strawberry

\*Suppression only

#### **APPLICATION RATES:**

Apply 4.4 kg of AAtrex Nine-0 herbicide per hectare.

#### **TIMING OF APPLICATION:**

Apply to native stands in the spring after burn and before new blueberry growth has emerged.

**CAUTION:** Do not apply AAtrex Nine-0 herbicide to steep terrain where excellent weed control will result in soil erosion. Do not apply AAtrex Nine-0 herbicide to coarse textured soils low in organic matter.

**WARNING:** Injury may occur if land treated with AAtrex Nine-0 herbicide is planted to any crop other than corn or triazine tolerant canola in the same season. One year after application there is virtually no hazard to most rotational crops when annual weed label rates are applied. Sugar beets and tobacco are sensitive to AAtrex Nine-0 herbicide and should not be planted on land treated with AAtrex Nine-0 herbicide the previous year. When extended periods of dry weather occur during the year of treatment, there can be some injury to succeeding crops such as white beans, onions, peas, tomatoes and turnips. Injury is most likely to occur when the seedling crop is subjected to periods of stress e.g., during periods of abnormally hot, dry weather.

Under conditions of heavy rainfall sufficient to cause erosion, soil containing AAtrex Nine-0 herbicide may wash to lower areas of land and injury to existing or subsequent crops other than corn may result.

THOROUGH TILLAGE INCLUDING PLOUGHING SHOULD PRECEDE THE PLANTING OF CROPS OTHER THAN CORN. PLOUGH THE LAND FLAT AS OPPOSED TO SETTING THE FURROW ON EDGE. UNEVEN APPLICATION OF AATREX NINE-0 HERBICIDE OR APPLICATION IN EXCESS OF RECOMMENDED RATES WILL NOT INJURE CORN BUT MAY RESULT IN THE INJURY OF SUCCEEDING CROPS OTHER THAN CORN.

#### **NOTICE TO BUYER/USER:**

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Syngenta Crop Protection Canada, Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Crop Protection Canada, Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all liability arising, and agree to hold Syngenta Crop Protection Canada, Inc. harmless, from any claims based on efficacy and/or phytotoxicity in connection with the uses described below.

#### **SWEET CORN TANK MIXTURE:**

TIMING	WEEDS CONTROLLED	RATE/HA AATREX NINE-O HERBICIDE	RATE PER HECTARE/TANK MIX PARTNER	REMARKS
Pre- emergent	Annual grasses and broadleaf weeds including triazine tolerant weeds	1.1 – 1.7 kg	+ 1.25 Dual <sup>®</sup> II Magnum <sup>®</sup> + 0.79 – 1.56 L Afolan <sup>®</sup> F or 0.79 – 1.56 L Lorox <sup>®</sup> L or 0.75 – 1.5 kg Lorox DF or 0.79 – 1.56 L Linuron 480 L	Make only one application per year. Apply as pre-emergent treatment. Apply in 150 L water/ha minimum. Do not harvest sweet corn within 50 days of treatment. Apply by ground equipment only.

#### **Resistance-Management Recommendations**

For resistance management, AAtrex Nine-0 herbicide is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to AAtrex Nine-0 herbicide and other Group 5 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 AAtrex Nine-0 herbicide or other Group 5 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 and to report suspected resistance, contact Syngenta Crop Protection Canada, Inc. company representatives at 1-800-459-2422 (Eastern Canada) or 1-800-665-9250 (Western Canada) or at <a href="https://www.syngenta.ca">www.syngenta.ca</a>.
- R AAtrex, Nine-0, Nine-T, DUAL, Magnum, Sutan +, Eradicane and Kil-Mor are registered trademarks of a Syngenta group company Banvel is a registered trademark of BASF Canada Inc. Lorox is a registered trademark of E.I. DuPont De Nemours & Company Lentagran is a registered trademark of Agrolinz Ges.m.b.H.

Buctril and Pardner are registered trademarks of Rhone-Poulenc.

\*\*\*\*\*\*\*\*\*

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.