13-OCT-2009
2009-2966

Sleeve

Nufarm
CREDIT® Dual Salt
Liquid Herbicide

GROUP	9	HERBICIDE

AGRICULTURAL

CONTAINS GLYPHOSATE as isopropylamine and monoammonium salts
Warning, contains the allergen sulfites.

GUARANTEE:
Glyphosate 324 g/L (present as isopropylamine salt)
36 g/L (present as monoammonium salt)

READ THE LABEL AND BOOKLET BEFORE USE
For use in pre-planting of all crops, pre harvest applications in wheat, barley (including malting barley), oats, canola (rapeseed), flax (including low linolenic acid varieties), peas, lentils, dry beans, soybeans and forages.

REGISTRATION NO. 27739
PEST CONTROL PRODUCTS ACT

CAUTION – EYE and SKIN IRRITANT
POTENTIAL SKIN SENSITIZER

Nufarm Agriculture Inc.
5507 1st Street SE
Calgary, Alberta T2H 1H9
1-800-868-5444

24 hour Emergency
Response Number
1 800 424-9300

NET CONTENTS: 10 Litres

PRODUCT DESCRIPTION
Water-soluble herbicide for non-selective weed control in CROPLAND SYSTEMS.

CROPLAND USES INCLUDE:
In cropping systems before planting of all crops; in minimum tillage systems; preharvest applications in wheat, barley, oats, canola (rapeseed), flax (including low linolenic acid varieties) peas, lentils, dry beans, soybeans and forages; In pasture renovation; in forage, legume and grass establishments; in tree crops including apple, pear, cherry, plum, peach, apricot, filbert, hazelnut, walnut, chestnut, Japanese Heartnut; in grapes, cranberries, blueberries and strawberry; in sugar beets; in tree plantings; and grasses for seed production.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. May irritate eyes and skin. Avoid contact with eyes and skin. Potential skin sensitizer. Wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves during mixing, loading, application, cleanup or repair. Do not enter treated field until residues have dried.

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.

FIRST AID:
IF IN EYES, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.
IF ON SKIN OR CLOTHING, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
IF SWALLOWED, call a poison control centre or doctor IMMEDIATELY for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible. Call a poison control centre or doctor for further treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL HAZARDS:
Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning of equipment. Toxic to aquatic organisms and non-target plants.

PHYSICAL OR CHEMICAL HAZARDS:
Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, fibreglass, plastic and plastic –lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL EXCEPT STAINLESS STEEL CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welders torch, lighted cigarette or other ignition source.

STORAGE AND DISPOSAL:
Store above -12°C to keep from crystallizing. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room (20°C) for several days to redissolve and mix well before using. Avoid contamination of seed, feed, and foodstuffs. Soak up small amounts of spill with absorbent clays.

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

Before taking the container to the collection site:

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

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

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.

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 Product 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.

Booklet

Nufarm
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1.0 PRODUCT DESCRIPTION

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2.0 EMERGENCY NUMBERS

In case of an emergency involving this product, call Nufarm collect, day or night:
Accident/Spills/Medical Emergency ..(202) 483-7616
or CANUTEC.....(613) 996-6666

Read NOTICE before buying or using. If notice terms are not acceptable, return at once unopened.

2.1 OFFICE TELEPHONE NUMBER

For additional information on this or other Nufarm agricultural products, call the Nufarm office: 1-800-868-5444

3.0 PRECAUTIONS

3.1 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. May irritate eyes and skin. Avoid contact with eyes and skin. Potential skin sensitizer. Wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves during mixing, loading, application, cleanup or repair. Do not enter treated field until residues have dried.

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IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible. Call a poison control centre or doctor for further treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

3.3 TOXICOLOGICAL INFORMATION

Treat symptomatically.

3.4 ENVIRONMENTAL HAZARDS

Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning of equipment. Toxic to aquatic organisms and non-target plants.

3.5 PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, fibreglass, plastic and plastic –lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL EXCEPT STAINLESS STEEL CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welders torch, lighted cigarette or other ignition source.

3.6 STORAGE AND DISPOSAL

Store above -12°C to keep from crystallizing. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room (20°C) for several days to redissolve and mix well before using. Avoid contamination of seed, feed, and foodstuffs. Soak up small amounts of spill with absorbent clays.

DISPOSAL

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

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

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

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.

DISPOSAL FOR RETURNABLE CONTAINERS

Do not use this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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.

DISPOSAL FOR RETURNABLE CONTAINERS – REFILLABLE CONTAINERS:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

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.

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 Product 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.

4.0 RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Nufarm Credit Dual Salt is a Group 9 herbicide. Any weed population may contain or develop plants naturally resistant to Nufarm Credit Dual Salt and other Group 9 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 Nufarm Credit Dual Salt or other Group 9 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 Nufarm agriculture Inc. at 1 800 868-5444 or at www.nufarm.ca.

4.1 DIRECTIONS FOR USE: GENERAL INFORMATION

Do not apply this product by air.
Nufarm Credit Dual Salt, a water-soluble liquid, mixes readily with water for application as a foliage spray for the control or destruction of most herbaceous plants. It may be applied through most standard industrial or field type sprayers after dilution and thorough mixing with water in accordance with the booklet instructions.

This herbicide moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days but on most perennial weeds may not occur until 7 to 10 days. Extremely cool or cloudy weather at treatment time may slow down activity of this product and delay visual effects of control.

Visible effects are a gradual wilting and yellowing of the plant, which advances to complete browning of above ground growth and deterioration of underground plant parts.

Delay application until vegetation has emerged to the stages described for control of such vegetation under the annual and perennial weed control sections of this booklet to provide adequate leaf surface to receive the spray. Unemerged plants arising from underground rhizomes or root stocks of perennials will not be affected by the spray and will continue to grow. For this reason best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity.

Always use the higher rate of this product per hectare within the recommended range when weed growth is heavy or dense, or weeds are growing in an undisturbed (non-cultivated) area.

Do not treat weeds under poor growing conditions such as drought stress, disease or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

This product does not provide residual weed control. For subsequent residual weed control follow a label approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

Heavy rainfall immediately after application may wash the chemical off the foliage and a repeat treatment may be required. Do not apply if rainfall is forecast for the time of application.
Do not mix with any surfactant, pesticide, herbicide oils or any other material other than water unless specified in this booklet. For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

5.0 MIXING AND APPLICATION

5.1 PRECAUTIONS

ATTENTION: AVOID CONTACT WITH FOLIAGE, GREEN STEMS, OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES.

DO NOT USE IN GREENHOUSES. REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS WATER FROM PONDS AND UNLINED DITCHES.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water. Do not contaminate water sources by disposal of wastes or cleaning of equipment.

NOTE: Use of this product in any manner not consistent with this booklet may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

5.2 SURFACTANT INFORMATION

When using this product, always mix 0.5 Litres of one of the following surfactants per 100 Litres of spray solution (0.5% v/v surfactant by total volume):

Agral 90, Agsurf, Enhance, Frigate, Companion

Always read and follow the manufacturer's surfactant label recommendations for best results. These surfactants should not be used in excess of 2.5 Litres per hectare when making broadcast applications.

Agral is a registered Trade Mark of Imperial Industries PLC.
Agsurf is a registered Trade Mark of Interprovincial Cooperatives Ltd.
Enhance is a registered Trade Mark of Eli Lilly and Company
Dow Agrosciences is the registered user.
Companion is a registered Trade Mark of Rohm and Haas Canada Inc.
Frigate is a registered Trade Mark of Syngenta Crop Protection Inc.

5.3 MIXING AND APPLICATION EQUIPMENT INFORMATION

MIXING

For ground or industrial type sprayers, fill the spray tank with one-half the required amount of water. Add the proper amount of herbicide and recommended surfactant (see **WEED CONTROL** sections of this booklet - 7, 8 and surfactant information 5.2) and mix well before adding the remaining portion of water. Placing the filling hose below the surface of the liquid solution will prevent excessive foaming. Removing hose from tank immediately will avoid back siphoning into water source. Use of mechanical agitators may cause excessive foaming. Bypass lines should terminate at the bottom of the tank.

For use in knapsack sprayers, it is suggested that the proper amount of this herbicide and recommended surfactant be mixed with water in a larger container. Fill sprayer with the mixed solution.

APPLICATION EQUIPMENT

BOOM EQUIPMENT

For control of perennial weeds and woody brush and trees listed on this booklet using conventional boom equipment – Apply this product and an approved surfactant in 50 to 300 L of clean water per hectare as a broadcast spray using no more than 275 kPa pressure. See **WEED CONTROL** sections of this booklet (7,8) for rates to control specific weeds.

For control of annual weeds listed on this booklet using conventional boom equipment – Apply this product and an approved surfactant in 50 to 100 L of clean water per hectare as a broadcast spray, except as otherwise stated on this label using no more than 275 kPa pressure. See **WEED CONTROL** sections of this booklet (7,8) for rates to control specific weeds.

HAND HELD AND HIGH VOLUME EQUIPMENT – (use coarse sprays only)

For control of weeds and woody brush and trees listed in the "Weed Controlled" section of this label using knapsack sprayers or high volume spraying equipment utilising handguns or other suitable nozzle arrangements – Unless otherwise specified, take a 1% solution of this product in water (1 litre of this product in 100 litres of

water) and apply to foliage or vegetation to be controlled. For best results, use a 2% solution (2 litres of this product in 100 litres of water) on harder to control perennials such as field bindweed, hemp dog-bane, milkweed and Canada thistle. Applications should be made on a spray-to-wet basis. Spray coverage should be uniform and complete. Do not spray to point of runoff. Handgun applications should be properly directed to avoid spraying desirable plants.

SELECTIVE EQUIPMENT
Selective equipment such as WIPER and ROLLER applicators can be used for weed control in soy and dry beans, orchards, vineyards, cranberries, strawberries and non-crop areas.
For information regarding use of this product with selective equipment, refer to "**Selective Equipment**" section of this label (9.12).

5.4 BUFFER ZONES

Do not apply during periods of dead calm or when winds are gusty.

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, pastures, rangelands and shrublands), sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marches, streams, reservoirs and wet lands).

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.

Method of application	Buffer zone (metres) required for the protection of:	
	Aquatic habitat	Terrestrial habitat
Field sprayer*	15	15

*For field sprayers, buffer zones can be reduced by 70% when using shrouds or 30% when using cones.

6.0 WEEDS CONTROLLED

This product controls many annual and perennial grasses, broadleaf weeds, and woody brush and trees when applied as recommended and under conditions described. For information on how to control specific weeds including herbicide rate refer to the "**Annual Weed Control**" and "**Perennial Weed Control**" sections of this label (7.1, 8.1 respectively). The following is a partial list of weeds controlled:

6.1 ANNUAL WEEDS

Annual Grasses	
Blue Grass (annual)	*Poa annua*
Crab Grass (large)	*Digitaria sanguinalis*
Downy Brome	*Bromus tectorum*
Giant Foxtail	*Setaria faberii*
Green Foxtail	*Setaria viridis*
Persian Darnel	*Lolium persicum*

Annual Grasses	
Volunteer Barley	*Hordeum spp.*
Volunteer Corn	*Zea mays*
Volunteer Wheat	*Triticum spp.*
Wild Oats	*Avena fatua*

Other	
Dodder	*Cuscuta spp.*

Annual Broadleaf Weeds	
Cow Cockle	*Saponaria vaccaria*
Fleabane (Canada)	*Erigeron canadensis*
Flixweed	*Descurania sophia*
Hempnettle	*Galeopsis tetrahit*
Kochia	*Kochia scoparia*
Lady's-Thumb	*Polygonum persicaria*
Lamb's-Quarters (common)	*Chenopodium album*
Narrow-leaved Hawk's Beard	*Crepis tectorum*
Narrow-leaved Vetch	*Vicia angustifolia*
Prickly Lettuce	*Lactuca scariola*
Ragweed (common)	*Ambrosia artemisiifolia*
Redroot Pigweed	*Amaranthus retroflexus*
Russian Thistle	*Salsola pestifer*
Sow thistle (annual)	*Sonchus oleraceus*
Stinkweed	*Thlaspi arvense*
Non-glyphosate tolerant Volunteer Canola (Rapeseed)	*Brassica spp*
Volunteer Flax	*Linum spp*
Wild Buckwheat	*Polygonum convolvulus*
Wild Mustard	*Sinapsis arvensis*

6.2 PERENNIAL WEEDS

Perennial Grasses/Sedges	
Blue Grass (Canada)	*Poa compressa*
Blue Grass (Kentucky)	*Poa pratensis*
Brome Grass (smooth)	*Bromus inermis*
Cattail (common)	*Typha latifolia*
Foxtail Barley	*Hordeum jubatum*
Quackgrass	*Agropyron repens*
Yellow Nutsedge	*Cyperus esculentus*

Perennial Broadleaved Weeds	
Alfalfa	*Medicago spp.*
Cottontop	*Eriophorum chamissonis*
Curled Dock	*Rumex crispus*
Dandelion	*Taraxacum offiicinale*
Field Bindweed	*Convolvulus arvensis*
Hemp Dogbane	*Apocynum cannabinum*

Hoary Cross	*Cardaria draba*
Knotweed (Japanese)	*Polygonum cuspidatum*
Milkweed (common)	*Asclepias syriaca*
Poison Ivy	*Rhus radicans*
Purple Lossestrife	*Lythrum salicaria*
Sow thistle (perennial)	*Sonchus arvensis*
Thistle (Canada)	*Cirsium arvense*
Toad Flax	*Linaria vulgaris*
Wormwood (Absinth)	*Artemisia absinthium*

6.3 WOODY BRUSH AND TREES

Alder	*Alnus spp.*
Birch	*Betula spp.*
Broadleaved meadowsweet	*Spiraea latifolia*
Canadian rhododendron	*Rhododendron canadense*
Cedar	*Thuja spp.*
Cherry	*Prunus spp.*
Douglas Fir	*Pseudotsuga spp.*
Hemlock	*Tsuga spp.*
Maple	*Acer spp.*
Mountain-fly honeysuckle	*Lonicera villosa*
Pine	*Pinus spp.*
Poplar	*Populus spp.*
Raspberry/Salmonberry	*Rubus spp.*
Sheep laurel	*Kalmia angustifolia*
Snowberry (Western)	*Symphoricarpos occidentalis*
Sweet fern	*Comptonia peregrina*
Willow	*Salix spp.*
Withrod	*Viburnum cassinoides*

CROPLAND USES
ALWAYS READ PRECAUTIONARY STATEMENTS, GENERAL INFORMATION and MIXING and APPLICATION PRECAUTIONS (sections 3.0, 4.1 and 5.0) PRIOR TO SPECIFIC APPLICATION INFORMATION IN ANY LABEL SECTION.

7.0 ANNUAL WEED CONTROL

The following tables provide rates and specific application instructions for control of the annual weeds listed.

DO NOT APPLY BY AIR.

7.1 ANNUAL WEED CONTROL WITH NUFARM CREDIT DUAL SALT

RATE L/ha	GROWTH STAGE	WEEDS CONTROLLED	COMMENTS (APPLY IN 50–100 L/ha water)
0.75	Weeds up to 8 cm in height	Wild oats, green foxtail, volunteer barley, volunteer wheat, non-glyphosate tolerant volunteer canola (Rapeseed), wild mustard, lady's thumb, stinkweed	For wild oats apply at 1-3 leaf stage Add 350 ml of a surfactant registered for use such a Agral®, Ag Surf® or Companion™ For heavy wild oat infestations use 1.0 L/ha rate
1.0	Weeds 8 cm to 15 cm in height	All annual grasses listed above; all annual broad leaved weeds listed above plus flixweed* and kochia*	Add 350 ml of surfactant registered for use as listed above *Suppression only. Refer to higher rates of this table or tank mix table (section 7.2) for control options.
1.25 – 1.9	Weeds up to 15 cm in height	All annual grasses listed above plus downy brome, giant foxtail, and persian darnel, all annual broadleaved weeds listed above plus lamb's quarters, redroot pigweed, hempnettle, flixweed, russian thistle, volunteer flax, common ragweed* canada fleabane* wild buckwheat**, narrow leaved hawk's beard ***	No surfactant required For tank mix weed control options see section 7.2 *DO NOT use these rates on plants greater than 8 cm in height **for 3-4 leaf stage use 1.9 L/ha rate ***for weeds 8 cm to 15 cm in height use 1.9 L/ha rate
2.25	Weeds up to 15 cm in height	All annual grasses listed above plus crab grass and annual bluegrass: all annual broad leaved weeds listed above plus kochia, prickly lettuce, shepherd's purse, annual sow thistle and narrow	For additional annual broadleaved weed control options, refer to tank mix table (section 7.2)

RATE L/ha	GROWTH STAGE	WEEDS CONTROLLED	COMMENTS (APPLY IN 50–100 L/ha water)
		leaved vetch	
3.5	Weeds over 15 cm in height	All annual grasses and broadleaved weeds listed above	For additional annual broadleaved weed control options, refer to tank mix table (section 7.2)

NOTE: For spot treatment, 0.75-3.5 L/ha is approximately equivalent to 8-35 mL/100 m^2, respectively.

7.2 ANNUAL WEED CONTROL WITH NUFARM CREDIT DUAL SALT TANK MIXTURES: FOR SUMMERFALLOW MINIMUM TILLAGE SYSTEMS

TANK MIXTURES	RATE L/ha	WEEDS CONTROLLED**	COMMENTS (Apply in 50-100 L/ha water. Add 350 mL/ha surfactant – see list in section 7.3)
Nufarm Credit Dual Salt + Banvel®	0.75-1.0 + 0.29	Volunteer cereal, wild oats, green foxtail. Non-glyphosate tolerant Volunteer canola (rapeseed), wild mustard, flixweed*, lamb's quarters, lady's thumb, stinkweed, kochia, russian thistle, cow cockle redroot pigweed**, wild buckwheat**	This tank mix is registered for **summerfallow use only**. Weeds should be less than 15 cm tall and actively growing for best results. Use higher rate if weeds are beyond 8 cm in height. *Nufarm Credit Dual Salt applied at 1.0 L/ha rate only. **suppression only. See other tank mixtures for control options.
Nufarm Credit Dual Salt + Pardner®	0.75-1.0 + 1.25	Volunteer cereals, green foxtail, Non-glyphosate tolerant Volunteer canola (rapeseed), wild mustard, lady's thumb, stinkweed, wild buckwheat*	This tank mix is registered for **summerfallow use only and prior to wheat, oats and barley in minimum tillage systems.** Weeds should be less than 15 cm tall and actively growing for best

TANK MIXTURES	RATE L/ha	WEEDS CONTROLLED**	COMMENTS (Apply in 50-100 L/ha water. Add 350 mL/ha surfactant – see list in section 7.3)
		Redroot pigweed**, kochia**, wild oats**	results. Use higher rate if weeds are beyond 8 cm in height. *Use Nufarm Credit Dual Salt at 1.0 L/ha rate only for wild buckwheat control. ** 1.0 L rate, suppression only. See other tank mixtures for control options.
Nufarm Credit Dual Salt + 2,4-D#	0.75-1.0 + 1.2	Volunteer cereals, wild oats* and green foxtail*, Non-glyphosate tolerant Volunteer canola (rapeseed), wild mustard, flixweed, redroot pigweed, lady's thumb stinkweed, kochia Lamb's quarters**, russian thistle**	This tanks mix is registered for **summerfallow uses only**. Weeds should be less than 15 cm tall and actively growing for best results. Use higher rate if weeds are beyond 8 cm in height. *Use Nufarm Credit Dual Salt at 1.0 L/ha rate only for wild oat and green foxtail control. **Suppression only. See other tank mixtures for control options.

0.56 kg ai/ha of 2,4-D. Adjust rates accordingly for other 2,4-D formulations. Use only low volatile ester or amine formulations of 2,4-D.
®Banvel is a registered t trademark of BASF Ltd.
Koril® is a registered t trademark of Nufarm Agriculture Inc.

7.3 SURFACTANT INFORMATION

NOTE: Addition of Surfactant – All Nufarm Credit Dual Salt tank mixtures for annual weed control require the addition of a surfactant registered for use such as Agral 90, Ag Surf or Companion. Surfactant should be added at a rate of 350 mL per hectare, in 50-100 L of clean water.

7.4 ADDITIONAL IMPORTANT INFORMATION FOR ANNUAL WEED CONTROL

Nufarm Credit Dual Salt, applied by itself, will not control volunteers from glyphosate tolerant crops.

Allow at least 1 day after treatment before tillage.
Annual weeds generally will continue to germinate from seed throughout the growing season. Repeat treatments may be necessary to control late germinating weeds, in some situations.

For additional information and precautions, refer to the **GENERAL INFORMATION** and **MIXING AND APPLICATION** sections of this label (4.1, 5.0 respectively).

8.0 PERENNIAL WEED CONTROL

ALWAYS READ PRECAUTIONARY STATEMENTS, GENERAL INFORMATION and MIXING and APPLICATION SECTIONS 3.0, 4.1 AND 5.0) PRIOR TO SPECIFIC APPLICATION INFORMATION IN ANY LABEL SECTION.

When applied as recommended under the conditions described, this product will control the perennial weeds listed in the following table:

8.1 PERENNIAL WEED CONTROL WITH NUFARM CREDIT DUAL SALT

WEED	APPLICATION			COMMENTS
	GROWTH STAGE	RATE (L/ha)	WATER VOL. (L/ha)	
Quackgrass (control, light to moderate installations)	3 to 4 green leaves or more	2.5	50-300	• Apply in clean water using flat fan nozzles • Allow 3 or more days after treatment before tillage • Refer to "**Quackgrass**" in section 8.2.1 for more information • For higher water volume (ie. 150-300 L/ha) an approved surfactant must be added at 0.5 L per 100 L of clean water (0.5% v/v. Refer to list in section 8.2.2. • See also below.

WEED	APPLICATION			COMMENTS
	GROWTH STAGE	RATE (L/ha)	WATER VOL. (L/ha)	
Quackgrass (long term control, heavy infestations, high water volumes)	3 to 4 green leaves or more	2.5-7.0	50-300	• Allow 3 or more days after treatment before tillage • Rates higher than 2.5 L/ha will provide more consistent, longer term control especially with heavier infestations and/or higher water volumes (i.e. 150-300 L/ha) • Refer to "**Quackgrass**" notes in section 8.2.1 for more information
Canada Thistle	Rosette stage (summerfallow)	2.5	50-100	• Apply in clean water using flat fan nozzles. • Allow 10 or more days after treatment before tillage. • Refer to "**Canada Thistle**" notes in section 8.2.3 for more information
Canada Thistle	Bud stage or beyond	4 .75-7.0	100-300	• Allow 5 or more days after treatment before tillage.
Field Bindweed	Full bloom or beyond	7-12	100-300	• Allow 7 or more days for treatment before tillage.
Common Milkweed*	Bud to full bloom (pre-harvest) Bud to full bloom	2.5 12	50-100 100-300	• See pre-harvest application section 9.9.0 • Allow 7 or more days after treatment before tillage • Reduced control may occur after full bloom. • Milkweed may not all be in the correct stage, therefore repeat treatments may be required.

WEED	APPLICATION			COMMENTS
	GROWTH STAGE	RATE (L/ha)	WATER VOL. (L/ha)	
Toadflax	Vegetative stage (summerfallow) Bud to full bloom (pre-harvest)	2.5	50-100	• Apply in clean water using flat fan nozzles. • Allow 7 or more days after treatment before tillage in summerfallow. • For more information, see summerfallow control (section 8.2.3) or pre-harvest control (section 9.9.0)
Alfalfa	Early bud to full bloom stage (fall applications only)	3.7 to 5.0	50-300	• Allow 5 or more days after treatment before tillage. Use the higher rates when alfalfa populations are high or when heavy grass infestations are also present. • For spring applications and control in minimum tillage systems using a 2,4-D tank mix, see section 8.2.5
Dandelion	< 15 cm	2.5	50 – 100	Allow 3 or more days after treatment before tillage for all rates.
	> 15cm	3.7-5.0	50-300	Use the higher rate when infestations are heavy Refer to Dandelion notes in 8.2.4 for more information
	Rosette to full bloom (preharvest)	2.5	50-100	Allow 7 or more days after treatment before tillage. For more information, see preharvest control section (9.9)

***NOTE:** For spot treatment, mix 120 ml of product in 5 L clean water per 100 m^2 (2.5-12 L/ha is approximately equivalent to 25-120 mL/100 m^2, respectively).

8.2 SPECIAL NOTES FOR PERENNIAL WEED CONTROL

SURFACTANTS
The following is a list of approved surfactants for use with Nufarm Credit Dual Salt for control of Quackgrass:

Agral 90	Enhance®
Ag Surf	Frigate®
Companion	

Always refer to surfactant label for specific instructions regarding use of that product.
Enhance® is a registered trademark of Eli Lilly and Company.
Dow AgroSciences is a registered user.
Frigate® is a registered trademark of Syngenta Crop Protection Canada, Inc.

8.2.1 Quackgrass

For season-long control on fall tilled ground: Apply 2.5 L/ha of this product in spring prior to seeding. Apply in 50 to 100 L/ha of clean water as described in the preceding table. Delay application until the majority of quackgrass plants have 4-5 green leaves. This stage usually occurs 1 to 4 weeks later on fall tilled ground than on undisturbed ground. Reduced control may result on ground tilled deeper than 15 cm.

NOTE:
This treatment will provide season-long control of quackgrass on fall tilled ground. Reduced control will be experienced versus this product on non-fall tilled ground. Repeat treatments may be necessary.

Applications on forages should be followed by tillage 3 days or later and should be made when good growing conditions exist.

If a frost has occurred, wait several days to determine if the quackgrass has recovered. Quackgrass can be treated after a mild frost provided there are 3 to 4 green leaves actively growing at the time of application. Do not apply after the first damaging frost in the fall.

8.2.2 Canada Thistle

Control of Canada Thistle at the rosette stage: To ensure the proper timing of application the following steps must be followed.

1. Conduct the summerfallow tillage as usual and perform the last tillage operation between July 15th and August 1.

2. Allow the thistles to regrow for a minimum of 5 weeks until they are a minimum of 15cm in diameter and in the rosette stage of growth.

NOTE: Canada thistle can be treated after a mild frost provided the leaves are still green and actively growing at the time of application. Do not apply after the first damaging frost in the fall.

Nufarm CREDIT Dual Salt plus Banvel Tank Mixtures
For control of Canada thistle (and perennial sow thistle) in summerfallow or in post-harvest stubble, apply 1.7 L/ha Nufarm Credit Dual Salt plus 1.25 L/ha Banvel in 100-200 L/ha of clean water. In addition, add 350 mL/ha of non-ionic surfactant registered for use with this product, such as Agral 90, Ag Surf, or Companion.

For best results in summerfallow, cultivate in the spring and apply when the majority of thistles are 15 cm to 25 cm tall and before the bud stage. Cultivate 3 weeks after application.

In post harvest stubble, apply this tank mixture to actively growing thistles at least 2 weeks prior to a killing frost.

NOTE:
Grow only cereals, canola (including rapeseed), soybeans, field corn, sweet corn, or white beans after application of this tank mixture.

If application is made after September 1st, or if soil moisture levels are extremely low after application, crop injury may occur in the spring following application.

8.2.3 Toadflax
Control of Toadflax in a Summerfallow Vegetative Stage

To ensure the proper timing of application, the following steps must be followed.

1. Conduct summerfallow tillage as usual and perform the last tillage operation between July 10 – 21.

2. Allow toadflax to regrow for a minimum of 4-5 weeks until they are a minimum of 15 cm tall and at a lush green vegetative stage.

NOTE: Toadflax can be treated after a mild frost provided the leaves are still green and actively growing at the time of application. Do not apply after the first damaging frost.

8.2.4 Dandelion
Applications should be made up to and including bloom for best results. Follow-up control measures should be used to manage new dandelions germinating from seed to maintain control throughout the season.

8.2.5 Alfalfa Control with 2,4-D Tank Mix
The addition of 2,4-D may improve alfalfa control in situations where control may be more difficult to obtain, such as in minimum tillage systems where populations are heavy, and with spring applications.

For fall control of established stands of alfalfa, apply 2.5-5.0 litres per hectare of of Nufarm Credit dual Salt and 1.2 to 2.4 litres per hectare of any 500 g/L 2,4-D amine or low volatile ester formulation in 100 to 200 litres of water per hectare. (Adjust product rates accordingly for other 2,4-D formulations)

For spring applications, use only the low rate of 2,4-D (i.e., 1.2 L/ha) and 2.5-5.0 L/ha Nufarm Credit Dual Salt. Only cereal crops not underseeded to legumes may be planted following spring applications of this tank mix, and a 14-day interval between application and planting is required. Use the higher Nufarm Credit Dual Salt Herbicide rates when perennial grasses are prevalent.

8.2.6 All Perennial Weeds

Weed Stages: Weeds must be at the proper stage for effective control. Refer to "**Perennial Weed Control with Nufarm Credit Dual Salt**" (Section 8.1).

Nozzle Type: For best results with conventional boom equipment apply this product with 50 to 300 L/ha of clean water using flat fan nozzles and no more pressure than 275 kPa.

Rhizome Dormancy: Reduced control may result if rhizomes have become dormant. Dormancy may occur if soil fertility is low and/or the land has not been tilled for several years.

Mowing Effects: Mowing prior to application will reduce effectiveness unless weeds are allowed to regrow to the proper stage before application.

Tillage Effects: Fall or spring tillage prior to spring applications and tillage between harvesting and fall applications will reduce the effectiveness on perennial weeds. Follow-up tillage after application should be delayed 5-7 days for best results (see Weed Control Tables, sections 7.1 and 8.1 for specific tillage interval for each weed).

Rainfall Effects: Heavy rainfall immediately after application may wash the chemical off the foliage and a repeat treatment may be required. Do not apply if rainfall is forecast for the time of application.

Regrowth from Germinating Seeds: This product only controls emerged plants. Repeat treatments or other weed control measures may be required to control weeds regenerating from seeds or other underground parts.

Frost Effects: Heavy frosts prior to application may reduce control. Do not apply after the first damaging frost in the fall.

9.0 CROPLAND SITUATIONS

ALWAYS READ PRECAUTIONARY STATEMENTS, GENERAL INFORMATION and MIXING AND APPLICATION SECTIONS (3.0, 4.1 and 5.0) PRIOR TO SPECIFIC

APPLICATION INFORMATION IN ANY LABEL SECTION.

This product can be applied as a broadcast spray or spot treatment prior to planting all crops, post harvest to annual crops, pre-harvest in wheat, barley, oats, canola (rapeseed), flax (including low linolenic acid varieties), lentils, peas, soybeans, dry beans and forages, and in summerfallow. It can also be applied as a directed spray in orchards, vineyards, blueberries and strawberry, and using selective equipment in soy and dry beans, orchards, vineyards, cranberries and strawberry (refer to specific sections below for more information). **For specific instructions on weed control in the following cropping situations, always refer to the Annual and Perennial Weed Control sections (7.0 and 8.0) for more information.**

9.1 PRIOR TO PLANTING – ALL CROPS

This product may be applied prior to planting all crops for control of emerged weeds listed on this label. Ensure weeds are at the desired stage at the time of application. This product does not provide pre-emergent weed control and newly germinating weeds may be a problem in the crop. APPLY BEFORE SEEDING OR TRANSPLANTING.

9.2 POST HARVEST STUBBLE TREAMENT

This product may be applied in the fall as a post-harvest stubble treatment for control of perennial weeds such as quackgrass and Canada thistle. Allow weeds to regrow to the desired stage (20-25 cm tall for quackgrass and Canada thistle) before application and ensure they have a high proportion of green coloration. Straw should be removed or evenly spread to allow for proper regrowth and spray coverage. Heavy frosts prior to application may decrease control.

9.3 SPOT TREATMENT (IN-CROP)

This product can be applied as an in-crop spot treatment in barley, corn, oats, soybeans, wheat, strawberry, blueberry, forage grasses and legumes including seed production. Applications should be made using the same rates and at the same growth stages as listed in the weed control tables (7.1, 8.1) or use a 1% solution for annual weeds and quackgrass and a 2% solution for other perennial weeds (a 1% solution equals 1 litre Nufarm Credit Dual Salt in 100 litres of spray solution). One or two per cent solutions should be applied to wet, but not run-off. Applications can be made using a boom sprayer, hose and handgun, or hand sprayer in accordance with instructions in the **APPLICATION EQUIPMENT** section (5.3).

9.3.1 Grazing Restrictions

Applications can be made up to heading of small grains, initial pod set on soy and dry beans, silking or corn and emergence of seed heads. The crop in the treated area will be killed. Take care to avoid drift for the same reason. **DO NOT APPLY IF CROP GROWTH HAS ADVANCED BEYOND SEED SET. ALLOW 3 TO 5 DAYS FOR NUFARM CREDIT DUAL SALT TO TRANSLOCATE INTO ALL PLANT PARTS BEFORE GRAZING OR HARVESTING TREATED AREAS IN FORAGES.**

9.4 SUMMERFALLOW TREATMENT

This product, or labelled tank mixtures, may be applied in summerfallow to control weeds listed on this label. Ensure weeds are at the desired growth stage and actively growing at application for best results. Reduced control may result if weeds are drought stressed. Weeds will continue to germinate from seed throughout the growing season. Repeat treatments may be necessary to control later geminating weeds.

9.5 MINIMUM AND ZERO TILLAGE CROPPING SYSTEMS (All Field Crops, including cereals, oilseeds, pulses, forages, corn and potatoes)

This product may be applied prior to seeding or after seeding, but before crop emergence for control of emerged weeds in minimum and zero tillage cropping systems for all field crops. Applications made too far in advance of seeding may allow weeds to emerge between application and crop emergence, as this product does not provide residual weed control.

MINIMUM AND ZERO TILLAGE TANK MIXTURES

9.5.1 Nufarm Credit Dual Salt Plus 2,4-D Amine or Ester

Nufarm Credit Dual Salt Plus 2,4-D Amine or Ester can be applied prior to seeding or after seeding, but before crop emergence in wheat, winter wheat, barley and rye. Refer to Annual Weed Control with Nufarm Credit Dual Salt Tank Mixtures table for information (section 7.2).

9.5.2 Nufarm Credit Dual Salt Plus Bromoxynil (Pardner)

Nufarm Credit Dual Salt Plus Bromoxynil (Pardner) can be applied prior to seeding or after seeding, but before crop emergence in wheat, barley and oats. Refer to Annual Weed Control with Nufarm Credit Dual Salt Tank Mixtures table for information (section 7.2).

9.5.3 Nufarm Credit Dual Salt Plus Pursuit®

Nufarm Credit Dual Salt Plus Pursuit® can be applied prior to, or after, seeding, but before crop emergence in soybeans. Nufarm Credit Dual Salt will control emerged weeds listed on this label when applied as directed (refer to Annual and Perennial Weed Control sections, 7.0 and 8.0). Pursuit will control weeds germinating from seed. Add the recommended rates of both products in 100 L of water/ha, following the instructions on the Pursuit herbicide label.

ALWAYS REFER TO THE PURSUIT LABEL FOR FURTHER INFORMATION ON WEEDS CONTROLLED, APPLICATION DIRECTIONS, AND USE PRECAUTIONS. ONLY SOYBEANS, FIELD CORN, SPRING BARLEY, SPRING WHEAT AND WINTER WHEAT MAY BE PLANTED THE SEASON FOLLOWING A PURSUIT APPLICATION. WINTER WHEAT MAY BE PLANTED THE SAME YEAR AS A PURSUIT APPLICATION TO SOYBEANS, BUT NOT EARLIER THAN 120 DAYS AFTER THE APPLICATION.

DO NOT APPLY AFTER CROP EMERGENCE

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9.6 FORAGE LEGUMES AND GRASSES

This product may be applied for control of emerged weeds prior to emergence of forage legumes and grasses. If the forages are to be under-seeded with a cover crop, this product must be applied prior to planting the cover crop.

9.7 PASTURE RENOVATION

Use this product to control or suppress existing vegetation for zero-tillage seeding of legumes into established sod for pasture renovation. Delay spraying until weed growth is at least 20 cm in height and a maximum number of seedlings or shoots have emerged. Application can be made immediately before, during or after seeding, but before crop emergence.

9.8 FORAGE SEED PRODUCTION

For spot treatment control of perennial weed problems such as quackgrass and Canada thistle in seed fields, apply as directed to vegetation that is at least 20 to 25 cm in height but before emergence of seed head. The crop in the treated areas will be killed. Take care to avoid drift outside target area for the same reason.

9.9 PRE-HARVEST CONTROL OF QUACKGRASS, CANADA THISTLE, MILKWEED, TOADFLAX AND DANDELION: SEASON-LONG CONTROL OF PERENNIAL SOW THISTLE, AND HARVEST MANAGEMENT

For control of quackgrass, Canada thistle, common milkweed, toadflax and dandelion; and season-long control of perennial sow thistle, Nufarm Credit Dual Salt can be applied prior to harvest of wheat, barley (including malting barley), oats, canola (rapeseed), flax (including low linolenic acid varieties), lentils, peas, dry beans, soybeans and forages. DO NOT apply to crops if grown for seed production.

This treatment may also provide harvest management benefits, by drying down crop and weed vegetative growth, for example, where late flushes of annual weeds, green vegetative crop growth, or late tillering may interfere with harvest operations.

EXTREMELY COOL, WET AND/OR CLOUDY WEATHER CONDITIONS BETWEEN THE TIME OF APPLICATION AND THE ANTICIPATED HARVEST DATE MAY SLOW DOWN ACTIVITY OF THIS PRODUCT, THEREBY DELAYING CROP DRYDOWN AND HARVEST DATE.

Nufarm Credit Dual Salt should be applied pre-harvest at 2.5L/ha in 50 to 100 L/ha of clean water, by ground application only. Apply only when the crop has 30% or less grain moisture content. This stage typically occurs 7 to 14 days before harvest. For forage crops, apply this product at 2.5-5.0 L/ha 3 to 7 days prior to the last cut before rotation or forage renovation. Consult the table “Guidelines for Timing of Pre-harvest Applications” for visual indicators of this stage in each crop. For the best weed control results quackgrass should be actively growing and have at least 4 to 5 green leaves. Canada thistle and perennial sow thistle should be actively growing and at or beyond the bud stage for best results. Common milkweed should be at the bud to bloom stage and actively growing for best results. Applications for weed control (not for harvest management) must be made at the correct stage of both weed and crop growth.

Apply only during the period 7-14 days (or 3 -7 days for forage applications) before harvest to ensure best weed control and to maximize harvest management benefits. Earlier application may reduce crop yield and/or quality, and may lead to excess glyphosate residues in the crop.

DO NOT APPLY BY AIRCRAFT.

9.9.1 Guidelines for Timing of Preharvest Applications

CROP(S)	PERCENT GRAIN MOISTURE	VISUAL SYMPTOMS
Wheat, barley, oats	Less than 30	Hard dough stage, a thumbnail impression remains on seed.
Canola	Less than 30	Pods are green to yellow; most seeds are yellow to brown.
Flax (including low linolenic acid varieties	Less than 30	Majority (75-80%) of bolls are brown.

CROP(S)	PERCENT GRAIN MOISTURE	VISUAL SYMPTOMS
Peas	Less than 30	Majority (75-80%) of pods are brown.
Lentils	Less than 30	Lowermost pods (bottom 15%) are brown and seeds rattle
Dry beans	Less than 30	Stems are green to brown in colour; pods are mature (yellow to brown in colour); 80-90% leaf drop (original leaves).
Soybeans	Less than 30	Stems are green to brown in colour; pod tissue is dry and brown in appearance; 80-90% leaf drop.
Forages	Not applicable	Normal stage for harvesting

9.10 TREE PLANTINGS

Shelterbelts and Nursery Stock (Woody Ornamentals)

This product may be used to control listed annual or perennials weeds prior to planting, or as a post directed spray in established nurseries or shelterbelts of the following species:

Deciduous	Coniferous
Ash – *Fraxinus spp.*	Fir – *Abies spp.*
Caragana – *Caragana spp.*	Juniper – *Juniperus spp.*
Cherry – *Prunus spp.*	Pine – *Pinus spp.*
Elm – *Ulmus spp.*	Spruce – *Picea spp.*
Lilac – *Syringa spp.*	Yew – *Taxus spp.*
Maple – *Acer spp.*	
Mountain Ash – *Sorbus spp.*	
Poplar – *Populus spp.*	
Russian Olive – *Elaeagnus spp.*	
Willow – *Salix spp.*	

NOTE: This product is not recommended for use as an over-the-top broadcast spray in forest tree nurseries or in Christmas tree plantations. Application in such sites should be limited to directed sprays. DO NOT treat Christmas tree plantations in the year of anticipated harvest.

9.11 TREE, VINE AND BERRY CROPS

This product is recommended for annual and perennial weed control in established vineyards or orchards, in blueberry, cranberry and strawberry or for site preparation prior to transplanting tree and vine crops. Applications may be made with boom equipment, shielded sprayers, hand-held and high volume orchards guns, or with wiper applicator equipment (orchards, vineyards, cranberry and strawberry only). See the **MIXING AND**

APPLICATION EQUIPMENT INFORMATION section of this label (5.3) and the following table for specific information on the use of equipment.

Repeat treatments may be necessary to control weeds originating from underground parts of untreated weeds or from seeds. This product does not provide residual or pre-emergent weed control. For subsequent weed control, follow a program using residual herbicides or use repeated applications of this product. Do not apply more than 35 litres of this product per hectare per year.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTRACT OF HERBICIDE SOLUTION, SPRAY, DRIFT, OR MIST WITH FOLIAGE OR GREEN BARK OF TRUNK, BRANCHES, SUCKERS, FRUIT, CANES OF BLUEBERRY BUSHES, OR OTHER PARTS OF TREES OR VINES. CONTACT OF THIS PRODUCT WITH OTHER THAN MATURED BROWN BARK CAN RESULT IN SERIOUS CROP DAMAGE.

Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed or cut and have not been allowed to regrow to the recommended stage for treatment.

WEED CONTROL IN TREE, VINE AND BERRY CROPS

CROP	RATE (L/ha)	PRE-HARVEST INTERVAL (days)	MAX. APP. PER YEAR	WEEDS CONTROL-LED	COMMENTS (Refer to section 7.1 and 8.1 for specific rates for weed control)
Apples, apricot, cherry (sweet/sour) peaches, pears, plums	2.25-12	30	3	Annual & perennial weeds	
Apples, grapes	Tanx Mix 2.25-12 + Simazine 2.0-4.5 kg ai/ha	-	1	Annual & perennial weeds	Will provide season long pre-emergent control Do not apply to course, sandy or gravely soil Use according to the more restrictive label direction for each product in the mix DO NOT apply to orchards or vineyards that have been established less than 1or 3

CROP	RATE (L/ha)	PRE-HARVEST INTERVAL (days)	MAX. APP. PER YEAR	WEEDS CONTROL-LED	COMMENTS (Refer to section 7.1 and 8.1 for specific rates for weed control)
					years, respectively Simazine rate is equivalent to 2.25 – 5.0 kg/ha PrinceP®Nine-T® or 4.0-9.0 kg/ha Simadex®
Grapes	2.25-12	14	3	Annual & perennial weeds	Remove all sucker growth from the spray zone before spraying, except for the Concord variety of grape Suckering should be conducted within 2 weeks prior to application Do not apply to vines which have been established less than 3 years
Highbush (cultivated blueberry)	2.8-5.6	30	1	Quackgrass	Use as a directed spray, with no more than 275 kPa pressure
Lowbush blueberry	1-2% solution (spot application)	Apply in non-bearing year only	1	Woody brush (section 6.3)	Apply as directed spray in mid-summer of the vegetative (non-bearing) year See section 9.3 for instruction on spot treatment
Filberts, hazelnut (established plantations)	2.25-3.5	14	-	Annual weeds	Use as directed spray, with no more than 275 kPa pressure
Walnut, chestnut, Japanese heartnut	2.25-12	-	2	Annual & perennial weeds	Apply late spring & fall, post-harvest but prior to a killing frost Apply in 200-300 L water as a directed

CROP	RATE (L/ha)	PRE-HARVEST INTERVAL (days)	MAX. APP. PER YEAR	WEEDS CONTROL-LED	COMMENTS (Refer to section 7.1 and 8.1 for specific rates for weed control)
					spray, using no more than 275 kPa pressure Apply alternatively as a 2% wiper solution (see wiper applications, section 9.12)
Cranberry	20% solution (1L Nufarm Credit Dual Salt + 4 L water)	30	1	Annual & perennial weeds	Apply using wick or wiper applicators (section 9.12)
Strawberry	1 – 2% solution (spot application) 33% solution (wiper application)	30	1	Emerged perennial weeds	Apply when weeds are at a susceptible growth stage (see sections 8.1 and 8.2). See section 9.3 for instructions on spot treatments See section 9.12 for instructions wiper applications
Sugar beets	1 – 2 % solution (spot application)	Treated crop MUST NOT be harvested	1	Dodder species	Apply when dodder is vigorously growing but before flowering See section 9.3 for instructions on spot treatments

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®Simadex is a registered trademark of Bayer Inc.

9.12 SELECTIVE EQUIPMENT

WIPER APPLICATORS
This product may be applied with a wiper applicator, after dilution and thorough mixing with water, to listed weeds in soy and dry beans, grapes, orchards cranberries and strawberry. Applications must be made before initial pod set in soy and dry beans. (It may also be used in any industrial, tree planting and non-crop site specified on this label. See sections 9.10, 10.1)

A wiper applicator applies the herbicide solution onto weeds by rubbing the weed with an absorbent material containing the herbicide solution. Wiper applicators include either roller or wick devices, which physically wipe appropriate concentrations or amounts of this product directly onto the weed. Equipment must be designed, maintained and operated to prevent the herbicide solution from contacting desirable vegetation. Performance may be improved by reducing speed in areas of heavy weed infestations to insure adequate wiper saturation. Best results may be obtained if 2 applications are made in opposite directions.

AVOID CONTACT WITH DESIRABLE VEGETATION. Contact of the herbicide solution with desirable vegetation may result in damage or destruction. Applicators used above desired vegetation should be adjusted so that wiper contact point is at least 5 cm above the desirable vegetation. Droplets or foam of the herbicide solution settling on desirable vegetation may result in discoloration, stunting or destruction.

Applications should be made when the weeds are a minimum of 15 cm above the desirable vegetation. Best results may be obtained when more of the weed is exposed to the herbicide solution. Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations, or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatments may be necessary. See the Weed Control tables in this label (sections 7.1 and 8.1) for recommended stage of growth for specific weeds.

NOTES:
Maintain equipment in good operating condition. Avoid leakage or dripping onto desirable vegetation.

Adjust height of applicator to insure proper contact with weeds.

Keep wiping surfaces clean.

Maintain recommended roller RPM on roller applicators while in use.

Keep wiper material at proper degree of saturation with herbicide solution.

DO NOT use wiper equipment when weeds are wet.

DO NOT operate equipment at ground speeds below 4 and greater than 10 km/h. Weed control may be affected by speed or application equipment. As weed density increases, reduce equipment ground speed to insure good coverage of weeds.

Be aware that on sloping ground the herbicide solution may migrate, causing dripping on the lower end and drying on the upper end of the wiper applicator.

Variation in equipment design may affect weed control. With wiper applicators, the wiping material and its orientation must allow delivery of sufficient quantities of the recommended herbicide solution directly to the weed.

Care must be taken with all types of wipers to insure that the absorbent material does not become over-saturated, causing the herbicide to drip onto desirable vegetation.

With all equipment, drain and clean wiper parts immediately after using this product, by thoroughly flushing with water.

For Roller Applicators – Mix 0.5 to 1.0 L of this product in 10 L water to prepare a 5 to 10% solution. Roller speed should be maintained at 50 to 150 rpm.
For Wick or other Wiper Applicators – Mix 1 litre of this product in 2 litres of water to prepare a 33% solution.

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