

02-MAY-2008 Sub. No. 2008-1350
28-NOV-2008 Notification - Product Name Change
(Base Label)

GROUP 4 HERBICIDE

Viterra 2,4-D Ester 700 Herbicide

Notification Change

~~2,4-D Ester 700~~
~~LIQUID HERBICIDE~~

EMULSIFIABLE CONCENTRATE

AGRICULTURAL

READ THE LABEL AND THE BOOKLET BEFORE USING.

GUARANTEE: 2,4-D (Present as 2-ethylhexyl ester): 660 g a.e./L

REGISTRATION NO: 29006
PEST CONTROL PRODUCTS ACT

Net Contents: **10 litres**



DANGER

POISON

POTENTIAL SKIN SENSITIZER
WARNING SKIN IRRITANT

Interprovincial Cooperative Limited,
P.O. Box 1050, Saskatoon, Saskatchewan S7K 3M9
1-204-233-3461

®T.M. Reg'd

RC 000-0408

(Front Panel)

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DETACH LABEL AT PERFORATION. THIS PORTION MUST REMAIN ATTACHED TO THE CONTAINER.

PRECAUTIONS: Handling precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Avoid inhaling vapours or mist. Fatal or poisonous if swallowed. Potential skin sensitizer. Causes skin irritation. DO NOT get on skin. **Protective Clothing and Equipment: Handling the concentrate (mixing and loading):** wear a long-sleeved shirt, long pants, coveralls, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. **Handling the dilute spray solution (during application or repairing or cleaning equipment):** wear a long-sleeved shirt, long pants, coveralls, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit. **Operator use precautions:** Wear freshly laundered clothing and clean protective equipment daily. Rinse gloves before removal. Wash hands before eating, drinking, using tobacco or using the toilet. If herbicide penetrates clothing remove immediately, then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. After using this product, remove clothing and launder separately and promptly, and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry. After work, remove all clothing and shower using soap and water. **GENERAL PRECAUTIONS:** When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels. Handle with care and mix only in a closed container. Use only in a well ventilated area. Keep in original container during storage. Do not re-use container unless otherwise specified. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. **SHAKE WELL BEFORE USING.** Clean spray equipment thoroughly after use. 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. **ENVIRONMENTAL PRECAUTIONS:** This product contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms. Do not apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats. Do not contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. Toxic to broadleaf terrestrial plants. This product may harm other broadleaf plants in the vicinity of the treatment area. Observe buffer zones specified under DIRECTIONS FOR USE. **Leaching:** To minimize possible contamination of ground water in turf applications, the use of spot treatment application is recommended in areas where soils are permeable (e.g. sandy soil) or the water table is shallow. **Run-off:** To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, bare soil, compacted soil or clay. Avoid application of this product when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the treated area and the edge of the water body. **FIRST AID:** In case of poisoning, call a physician or poison control centre IMMEDIATELY. **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 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 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 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 the container, label or product name and Pest Control Product registration number with you when seeking medical attention. **TOXICOLOGICAL INFORMATION:** No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Do not induce vomiting. This product may cause mild irritation to the eyes. Overexposure to 2,4-D may cause coughing, burning, dizziness or temporary loss of muscle coordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea. **DISPOSAL: Recyclable Containers:** 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. **Returnable Containers:** Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer). **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 reuse 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 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.

(Detachable booklet)

DETACH LABEL INSTRUCTIONS AT PERFORATION

GROUP 4 HERBICIDE

Viterra 2,4-D Ester 700 Herbicide

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LABEL INDEX - ~~2,4-D Ester 700 Liquid Herbicide~~

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DIRECTIONS FOR USE:**SECTION 1 - SPRING WHEAT, BARLEY, RYE**

Treatment Stage: Ground or aerial application. Treat from the 4th leaf expanded stage to the early flag leaf (shot blade) stage. (Do not treat crop underseeded to legumes.)

GO TO SECTION 4**SECTION 2 - WINTER WHEAT, FALL RYE**

Treatment Stage: Ground or aerial application. Treat in the spring from full tillering until the early flag leaf (shot blade) stage. Do not apply to seedling winter cereals in the fall.

GO TO SECTION 4**SECTION 3 - FIELD CORN**

Treatment Stage: Ground application only. As an overall spray, before the corn is 15 cm tall (leaf extended) and/or before the 6-leaf stage. Application as an overall spray at later stages will damage the corn. For later applications (corn 15-75 cm, leaf extended), use a shielded spray or a directed spray with drop pipes. Keep spray off corn foliage. Do not apply within 2 weeks of silking and tasselling. Avoid cultivation for 2 weeks following spraying. Use at least 100L/ha water. Do not add oil or surfactant.

GO TO SECTION 4**SECTION 4 - WEEDS CONTROLLED AND RATES OF APPLICATION**

Susceptible Weeds: Annual sow-thistle, Bluebur (up to 4 leaf stage), Burdock (before the 4-leaf stage), Cocklebur, Common Ragweed, Daisy fleabane, False flax, False ragweed, Flixweed, Goat's-beard, Giant ragweed, Kochia, Lamb's-quarters, Mustards (except Dog and Tansy), Narrow-leaved hawk's-beard (susceptible in the fall and at 1-2 leaf stage in the spring), Plantain, Prickly lettuce, Redroot pigweed, Russian pigweed, Russian thistle, Shepherd's-purse, Stinging nettle, Stinkweed, Sweet clover (seedling), Thyme-leaved spurge, Volunteer canola, Wild radish, Wild(prairie)sunflower.

Optimum Stage of Weed Growth: 2 to 4 leaf, growing actively.*

Rates to Use on Susceptible Weeds:

Small seedlings, good growing conditions:	500 mL/ha
Weeds in bud, dry/cold conditions, or heavy infestation:	800 mL/ha

* Weed control may be reduced when applied beyond optimum stage of weed growth.

Harder to Control Weeds: Curled Dock (up to 4 leaf), Dog mustard, Field pepper-grass, Flixweed(spring prior to bolting), Groundsel, Hairy galinsoga, Hawkweed, Heal-all, Knotweed(up to 4 leaf), Narrow-leaved hawk's-beard(spring prior to bolting), Oak-leaved goosefoot, Pineappleweed, Prostrate pigweed, Purslane, Sheep sorrel, Tansy mustard, Tumble pigweed, Velvet leaf.

Optimum Stage of Weed Growth: 2-4 leaf, growing actively.*

Rates to Use on Harder to Control Weeds:

Small seedlings, good growing conditions:	900 mL/ha
Weeds in bud, dry/ cold conditions, or heavy infestations:	1.3 L/ha

NOTE: These high rates may result in deformities in the crop, but improved weed control should result in higher yields.

* Weed control may be reduced when applied beyond optimum stage of weed growth.

TOP GROWTH CONTROL ONLY:

Biennial wormwood, Blue lettuce, Bull thistle, Burdock, Buttercup, Canada thistle, Chicory, Curled dock, Dandelion, Field bindweed, Field chickweed*, Field horsetail*, Gumweed, Hedge bindweed, Hemp-nettle*(treated before the 4-leaf stage), Hoary cress, Lady's-thumb*, Leafy spurge, Mouse-eared chickweed*, Perennial sow-thistle, Russian knapweed, Scentless mayweed, Smartweed*, Tartary buckwheat, Teasel, Volunteer sunflower, Wild buckwheat*, Yellow rocket (controlled with applications before the 4-leaf stage)

* Use highest rate listed below for suppression only.

Rates of Application Top Growth Control Only:

Small seedlings, good growing conditions:	1.1 L/ha
Large weeds, dry/cold conditions, or heavy infestations:	1.3 L/ha

NOTE: For use in-crop. These rates may result in significant injury on some crops and should only be used where some crop injury can be tolerated.

Maximum Safe Rates of Application For Crops:

Spring wheat, barley, rye:	1.1 L/ha
Winter wheat, fall rye:	800 mL/ha
Field corn:	800 mL/ha

Do not exceed the maximum rates in the weed control tables in any crop.

GO TO SECTION 7

SECTION 5 - ESTABLISHED PASTURES, RANGELAND (WITHOUT LEGUMES)

Treatment Stage: Ground or aerial application. Apply at a time of rapid growth, usually May, June and/or September. Apply after pasture has been grazed or cut and weed growth has resumed. A second treatment may be required. Do not apply in freshly seeded grasses and pastures until well established. Under conditions of good growth and adequate soil moisture, sprays can be applied up to 2 weeks before normal frost time.

Weeds Controlled: As listed in Section 4

Rates to Use: Up to 4.7 L/ha in 100-300 litres of water per hectare.
Use the higher rate for perennial weeds.

GO TO SECTION 7

**SECTION 6 - GRASS CROPS FOR FORAGE AND SEED PRODUCTION
(ESTABLISHED STANDS ONLY)**

Treatment Stage: Ground or aerial application only. Apply in the spring up to the shot-blade stage of the grasses or in the fall after harvest to control annual and biennial weed species.

Weeds Controlled: As listed in Section 4

Rates to Use: 0.8– 1.6 L/ha in 100-300 L/ha of water.

NOTES: Do not exceed 800 mL/ha on seed crops. Do not apply during pollen development or flowering stage of grass seed crops as seed yields could be reduced. Late germinating weeds, such as red bartsias, may be controlled at .8 L/ha rate after the forage crop has been removed if weeds are actively growing.

GO TO SECTION 7

SECTION 7 - PRE-HARVEST/GRAZING INTERVALS (cereal crops, field corn, forages, pastures and rangeland)

1. Do not permit lactating dairy animals to graze fields within 7 days after application.
2. Do not harvest forage or cut hay within 30 days after application.
3. Withdraw meat animals from treated fields at least 3 days before slaughter.

GO TO SECTION 14

SECTION 8 - TANK MIXES

Use tank mixes only when they are recommended for use. Read and follow the directions, aerial application directions, warnings, precautions, and grazing limitations on both products used in tank-mix. See appropriate tank-mix product labels for full details of use patterns, rates and timings of applications and limits on application.

SECTION 9 – TURF USES – SOD FARMS, GOLF COURSES (roughs and fairways only).
Use adequate buffer zones to protect sensitive non-target vegetation.

Treatment Stage: DO NOT apply by air. Apply at a time of rapid growth, usually May, June, and/or September. Application during drought or when weeds are under stress such as heat or cold will result in poorer control.

Weeds Controlled: See Section 4 for a complete listing.

Rates of application: Up to 1.9 litres /ha at each application, maximum of 3.8 litres per year. Apply in 100 to 300 litres of water per hectare.

Maximum Applications: DO NOT apply more than two broadcast applications per season. This does not include spot treatments.

Application notes: Do not apply to bentgrass or newly seeded lawns/turf as injury may occur. DO NOT water or apply when rainfall is expected within 24 hours. Avoid application if weather is hot (above 27 deg. C) and/or dry. Avoid mowing within 4 days before and several days after application. This product is only effective when applied to the leaves of actively growing weeds. The product will not prevent new weeds – apply only when weeds are present. DO NOT apply to the exposed roots of trees and ornamentals. If weeds do not warrant a broadcast application (e.g. entire lawn), consider spot treatments that target only weedy areas. Do not allow people (other than the applicator) or pets onto the treated area until the spray has thoroughly dried. Use caution when applying around sensitive plants.

Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification.

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. The buffer zones in the table below are reduced by 70% with the use of shrouds and 30% with the use of cones on field sprayers. A further substantial reduction can be achieved by using ASAE coarse droplet size instead of medium droplet size.

When a tank mixture is used, consult the labels of the tank-mix partners and use the largest (most restrictive) buffer zone recommended for any of the products.

Buffer Zones (meters) Required to Protect Terrestrial Habitat
When Using Tractor Pulled Boom Sprayer

	Unshielded Boom (Buffer Zone)	Shrouded Boom (Shrouds)	Coned Boom (Cones)
Medium Droplet Size 250-350 µm-vmd	30	9	21
Coarse Droplet Size 350-450 µm-vmd	5	2	4

vmd= volume mean diameter.

GO TO SECTION 14

SECTION 10 - STUBBLE FIELDS, ROADSIDES, UNCROPPED LAND AND AIRPORTS.

Treatment Stage: Ground or aerial application for stubble fields and uncropped land. **DO NOT APPLY BY AIR TO ROADSIDES OR AIRPORTS.** Treat established pastures only in spring (May and early June) or early September.

Susceptible Weeds: As listed in Section 4.

Rates of Use on Susceptible Weeds:

Young Weeds:	1.50 L/ha
Older Weeds:	2.35 L/ha

Harder to Control Weeds: As listed in Section 4.

Rate to Use on Harder to Control Weeds: 2.35 L/ha

NOTES: Spray thoroughly using 100 to 200 litres of water per hectare. Use the higher rate for perennial weeds, a second treatment may be required. Cultivating grain stubble and spraying after regrowth may aid in control. Under conditions of good growth and adequate soil moisture, sprays can be applied up to 2 weeks before normal frost time.

GO TO SECTION 14

SECTION 11 - WEEDS & BRUSH ON NON-CROP / NON-GRAZED LAND

Susceptible Species: Consult provincial spray calendars for a list of susceptible species. Ground or aerial application.

Rates to Use: 3.25 - 6.80 L/ha
Use the lower rate for species that are more susceptible such as chokecherry, western snowberry, and willow.

Rate of Carrier: Use sufficient water to wet foliage thoroughly, 800 - 1600 L/ha for ground application. Depending on the density of the brush, 1000 to 3000 L of spray solution may be required per hectare if applying by ground. For aerial applications use 55 to 165 litres of spray solution per hectare. For oil/water carrier, use 15 litres of oil mixed in 40 litres of water with continuous agitation.

Notes: Spray brush species up to 3 metres tall after foliage is well developed. Applications soon after leaves are fully open usually give the best results. Apply sufficient spray volume to thoroughly wet all plant parts to the ground line. Brush or trees above 3 m tall should be cut close to the ground and sprayed when the re-growth is over 0.6 m tall. With good growing conditions and adequate soil moisture, sprays may be applied up to 2 to 3 weeks before normal frost time.

GO TO SECTION 14

SECTION 12 - BASAL BARK AND STUMP TREATMENT – BRUSH/TREES

Susceptible Species: Hard to kill woody brush and young tree species.

Rates to Use: 2.5 Litres in 100 Litres of diesel fuel. Spray to run-off.

Notes: Apply to the basal stems of standing brush and young trees any time of the year prior to formation of corky bark. To prevent re-growth of stumps, treat immediately after cutting by spraying or painting on exposed bark, roots and cut surfaces. Thorough drenching is essential.

GO TO SECTION 14

SECTION 13 - RESTRICTED USES

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.

RESTRICTED USE: FOREST AND WOODLAND MANAGEMENT NATURE OF RESTRICTION:

Notification Change

This product is to be used only in the manner authorized. Consult local pesticide regulatory authorities about use permits that may be required.

Viterra 2,4-D Ester 700 Herbicide

CONIFER RELEASE – AERIAL APPLICATION:

To control hardwood species in stands of fir, hemlock, spruce and pine regeneration, apply ~~2,4-D Ester 700 Liquid Herbicide~~ at 3.63 to 4.7 L/ha in 30 to 80 L/ha of total spray mixture. Use water or an “oil-water”* mixture. Never allow any water or mixture containing water to get into the ~~2,4-D Ester 700 Liquid Herbicide~~ or the oil spray premix. Note: ~~2,4-D Ester 700 Liquid Herbicide~~ in water or oil-water sprays form an emulsion, not a solution, and separation may take place unless sprays are agitated continuously until used up. Mechanical agitation is recommended.

To prevent conifer damage, delay spraying until all new conifer growth has hardened off, when the terminal buds feel sharp to touch.

Caution should be taken to ensure that the conifer is not in a second phase of active or “lammas” growth in late summer. Hardwoods should not have commenced fall coloration. Control of heavy suckering species such as maple, trembling aspen and balsam poplar may only be partial. Raspberries will not be controlled and may, if present, proliferate following removal of the hardwood overstory.

Viterra 2,4-D Ester 700 Herbicide

FOREST SITE PREPARATION – AERIAL APPLICATION:

To control mixed hardwood species on sites to be planted to conifers, use 4.7 to 7.26 litres of ~~2,4-D Ester 700 Liquid Herbicide~~ in 30 to 100 litres of total spray mixture per hectare. Apply as a uniform spray when the foliage is well developed and the brush is actively growing. Under conditions of good growth and high soil moisture, sprays can be used 2 to 3 weeks before normal frost time. For best results use a 10% oil-water* mixture. NOTE: When preparing sites for planting do not plant conifers before spraying as the conifers present at the time of spraying may be injured or killed. To reduce potential drift hazard on non-crop locations, a drift control agent may be added. Follow all directions on the drift control agent label for the correct mixing sequence.

Viterra 2,4-D Ester 700 Herbicide

*To prepare the “oil-water” mixture add the ~~2,4-D Ester 700 Liquid Herbicide~~ to the oil in a separate container. With vigorous agitation 1 litre of ~~2,4-D Ester 700 Liquid Herbicide~~ will emulsify up to 10 litres of oil in 100 litres of spray mixture. Start running the water into the empty spray tank, then slowly add the premix with continuous agitation. All the premix should be in the tank by the time 1/3 of the water is in. If the premix is put in the tank without any water, the first water added may form a thick “invert” (water in oil) emulsion, which will be hard to break.

USE PRECAUTIONS:

With aircraft, uniform coverage can be obtained and drift minimized by using 235 kPa spray pressure or less at the nozzle, using nozzles directed straight back, using a spray boom no larger than ¾ the wing span of the aircraft and by spraying when wind velocity is less than 8 km/h.

GO TO SECTION 14

SECTION 14 - PRECAUTIONS

HANDLING PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Avoid inhaling vapours or mist. Fatal or poisonous if swallowed. Potential skin sensitizer. Causes skin irritation. DO NOT get on skin. **Protective Clothing and Equipment: Handling the concentrate (mixing and loading):** wear a long-sleeved shirt, long pants, coveralls, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. **Handling the dilute spray solution (during application or repairing or cleaning equipment):** wear a long-sleeved shirt, long pants, coveralls, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit. **Operator use precautions:** Wear freshly laundered clothing and clean protective equipment daily. Rinse gloves before removal. Wash hands before eating, drinking, using tobacco or using the toilet. If herbicide penetrates clothing remove immediately, then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. After using this product, remove clothing and launder separately and promptly, and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer’s instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water.

Keep and wash personal protective equipment separate from household laundry. After work, remove all clothing and shower using soap and water.

GENERAL PRECAUTIONS: When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels. Handle with care and mix only in a closed container. Use only in a well ventilated area.

Keep in original container during storage. Do not re-use container unless otherwise specified. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. SHAKE WELL BEFORE USING. Clean spray equipment thoroughly after use. 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.

ENVIRONMENTAL PRECAUTIONS FOR APPLICATIONS TO TURF

Do not apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats.

Do not contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. This product contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms.

Toxic to broadleaf terrestrial plants. This product may harm other broadleaf plants in the vicinity of the treatment area. Observe buffer zones specified under DIRECTIONS FOR USE.

Leaching

To minimize possible contamination ground water in turf applications, the use of spot treatment application is recommended in areas where soils are permeable (e.g. sandy soil) or the water table is shallow.

Run-off

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, bare soil, compacted soil or clay. Avoid application of this product when heavy rain is forecast.

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

Viterra 2,4-D Ester 700 Herbicide

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management, ~~2,4-D Ester 700 Liquid Herbicide~~ is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to ~~2,4-D Ester 700 Liquid Herbicide~~ and other Group 4 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.

Viterra 2,4-D Ester 700 Herbicide

To delay herbicide resistance: Where possible, rotate the use of ~~2,4-D Ester 700 Liquid Herbicide~~ or other Group 4 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 Interprovincial Cooperative Ltd. at 1-204-233-3461.

GO TO SECTION 15

SECTION 15 - MIXING AND APPLICATION

Notification Change

1. Fill tank 1/2 full with water. Start agitation. **Viterra 2,4-D Ester 700 Herbicide**
2. Add ~~2,4-D Ester 700 Liquid Herbicide~~.
3. When tank-mixes are used, consult the tank-mix product label for full mixing instructions.
4. Complete filling of tank.
5. Use 50-200 litres of water per hectare for ground application unless otherwise specified or on tank-mix product labels.
6. Do not exceed 275 kPa pressure for ground application.
7. **TRANSFER SYSTEM: FOR CONTAINERS LARGER THAN 20 L:** Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

Use Precautions for Aerial Application (see specific sections for crops): Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions: Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application, as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides. 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 apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelterbelt) or aquatic habitat.

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

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SECTION 16 - FIRST AID

1. In case of poisoning, call a physician or poison control centre IMMEDIATELY.
2. **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.
3. **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.
4. **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.
5. **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.
6. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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SECTION 17 - TOXICOLOGICAL INFORMATION

No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Do not induce vomiting. This product may cause mild irritation to the eyes. Overexposure to 2,4-D may cause coughing, burning, dizziness or temporary loss of muscle co-ordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea.

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SECTION 18 - DISPOSAL

Recyclable Containers: 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.

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

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.