

Nufarm

Estaprop® Liquid Herbicide

AGRICULTURAL

CONTAINS DICHLORPROP AND 2,4-D EMULSIFIABLE CONCENTRATE

GUARANTEE:

Dichlorprop ... 300 g/L (present as iso-octyl ester)

2,4-D ... 282 g/L (present as iso-octyl ester)

WARNING POISON

READ LABEL AND ATTACHED BOOKLET BEFORE USING

For use in wheat, barley (not underseeded to legumes), roadsides, utility lines, railway rights-of-way, uncropped land and control of woody growth.

REGISTRATION NO. 14803 PEST CONTROL PRODUCTS ACT

Nufarm Agriculture Inc.
5507 First St. S.E.
Calgary, AB T2H 1H9

24 Hour Emergency Response Number 1-800-424-9300

NET CONTENTS: (4 – 450) Litres

Estaprop® is a registered trademark of Nufarm Agriculture Inc.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

Avoid contact with skin, eyes and clothing. Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs. Wash concentrate from skin or eyes immediately. Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid spray drift. Avoid contamination of ponds, streams, rivers and other water sources.

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

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.

PROTECTIVE CLOTHING AND EQUIPMENT:

Handling the concentrate (mixing and loading): Wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eye wear (face shield or safety glasses). Rinse gloves before removal. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5 L.

Handling the dilute spray solution (during application or repairing or cleaning equipment): Wear a long-sleeved shirt, long pants, 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 the 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 clothing and personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

FIRST AID:

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.

In case of skin or clothing contact, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

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 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:

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. This product contains petroleum distillates.

STORAGE:

May be stored at any temperature. SHAKE WELL BEFORE USING.

DECONTAMINATION:

If container is damaged and/or contents spilled, contact manufacturer for instructions. Wear protective clothing, approved respirator and impervious gloves before handling spills or damaged product. For spills, do not allow product to spread. Prevent entry into ditches and waterways. Cover spill with sweeping compound and place contaminated material into an approved waste container. Place damaged container into waste containers and mark with contents.

DISPOSAL:**For 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.

For 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).

For Returnable-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.

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- After work, remove all clothing and shower using soap and water.

TRANSFER SYSTEM: For containers larger than 20L: Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

FIRST AID:

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NOTICE TO USER:

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DIRECTIONS FOR USE:

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Estaprop Liquid Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Estaprop 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.

To delay herbicide resistance:

- Where possible, rotate the use of Estaprop 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 Nufarm Agriculture Inc. at 1-800-868-5444 or at www.nufarm.ca.

USE PRECAUTIONS: Do not allow to contact desirable vegetation. Exercise care during application to reduce the likelihood of spray drift damaging nearby sensitive plants. Do not allow spray or vapour to drift onto crops which can be damaged, such as peas, beans, sugar beets, tomatoes, clovers, alfalfa, rapeseed (canola), sunflowers, potatoes, turnips, vegetables, flowers, trees, or shrubs. Do not spray close to these crops. Coarse sprays are less likely to drift. Do not spray during periods of high winds or high temperatures. Do not contaminate any body of water. Contamination of water may kill fish.

TIMING: For best results spray when WEEDS ARE YOUNG AND ACTIVELY GROWING. Apply in good growing conditions. Application must be made before the crop shields the weeds.

SPRAYER: Wash the tank and clean all filters, screens and tips. Select nozzle tips to apply the recommended volume per hectare. Flood jet type tips are not recommended. Adjust boom height to ensure uniform coverage of the weeds. For ground applications spray at 5 to 10 km/hr. Ensure that all tips are in good condition and spraying the same volume.

MIXING: Half fill the tank with clean water. Add the required amount of Estaprop Liquid Herbicide and agitate thoroughly. Fill the tank and agitate again before use.

USES:

WHEAT, BARLEY (not underseeded with legumes): Make application from the time the crop is at the 4-leaf stage to the early flag leaf (shot blade) stage. **DO NOT APPLY BEFORE THE 4-LEAF STAGE OR BETWEEN FLAG LEAF TO FULL-HEADED STAGES. DO NOT USE ON OATS.**

WINTER WHEAT: Should be treated in early spring only, between full tillering and early flag leaf stages.

NOTE: Crops under stress from adverse environmental conditions such as excess moisture, drought, disease, etc. may suffer a further setback when Estaprop Liquid Herbicide is applied; however, the crop injury that may occur is usually offset by the weed control obtained.

APPLICATION RATE: Use 1.75 litres of product per hectare. Apply in 50 to 200 L/ha of water, at a pressure of 275 kPa.

PRE-HARVEST INTERVALS:

Do not use treated cereals for grazing of livestock or green feed until 40 days after application of Estaprop Liquid Herbicide. Do not cut treated cereals for forage until 40 days after application of Estaprop Liquid Herbicide. Withdraw meat animals from treated fields at least 3 days before slaughter.

WEEDS CONTROLLED:

Annual sow-thistle	Ragweed
Ball mustard	Redroot pigweed
Bluebur	Round-leaved mallow
Burdock	Russian pigweed
Canada Thistle*	Russian thistle**
Cocklebur	Shepherd's-purse

Curled dock*
Dog Mustard
Flixweed
Hare's ear mustard
Indian mustard
Kochia**
Lady's -thumb***
Lamb's-quarters
Night flowering
catchfly****
Oak-leaved goosefoot
Perennial sow-thistle*

Smartweeds***
Stinkweed
Stork's-bill
Tartary buckwheat
Tumble mustard
Volunteer rapeseed (Canola)
Volunteer sunflower
Wild buckwheat
Wild Mustard
Wormseed mustard

* Top growth control only

** Spray before plants are 5 cm high

*** Spray before the 4-leaf stage

**** Spring annuals only

TOADFLAX - suppression only (where suppression is a visual reduction in weed competition, i.e. reduced population and/or vigour). Degree of suppression will vary with the size of the Toadflax and environmental conditions prior and to following treatment. Apply when the majority of the toadflax are no taller than 15 cm. Use of Estaprop Liquid Herbicide for suppression of toadflax in wheat or barley is part of a long-term planned approach for toadflax control, which includes spring and fall tillage, fall patch spraying, summer fallow and/or chemical fallow.

ESTAPROP LIQUID HERBICIDE + AVENGE:

Follow all precautions, limitations and timing recommendations on the Avenge label.

WHEAT AND BARLEY (not underseeded to legumes): Make application from the time the crop is at the 4-leaf stage to 6 leaf stage. Wild oats must be in the 3 to 5-leaf stage and broadleaf weeds in the seedling stage as indicated. **DO NOT APPLY BEFORE THE 4-LEAF STAGE. DO NOT APPLY BY AIR**

NOTE: Crops under stress from adverse environmental conditions such as excess moisture, drought, disease, etc., may suffer a further setback when this tank-mix is applied. However the crop injury that may occur is usually offset by the weed control obtained.

APPLICATION RATE: Use 1.75 litres of Estaprop Liquid Herbicide per hectare tank-mixed with the recommended rate of Avenge. Apply in 100 litres of water per hectare at a pressure of 275 kPa. Estaprop Liquid Herbicide should be added to the spray tank first, agitate, then add Avenge.

PRE-HARVEST INTERVALS: Do not use treated cereals for grazing of livestock or green feed until 40 days after application of Estaprop Liquid Herbicide. Do not cut treated cereals for forage until 40 days after application of Estaprop Liquid Herbicide. Withdraw meat animals from treated fields at least 3 days before slaughter.

WEEDS CONTROLLED: As listed for Estaprop Liquid Herbicide used alone, plus wild oats.

ESTAPROP LIQUID HERBICIDE + ACHIEVE 40 DG OR ACHIEVE 80 DG:

WHEAT AND BARLEY (not underseeded to legumes): Follow all mixing and spraying precautions, limitations and timing recommendations on the ACHIEVE 40 DG or ACHIEVE 80 DG label.

SPRAY VOLUME & PRESSURE: Apply in 100 litres of water per hectare at a pressure of 275 kPa.

TIMING: Applications of Estaprop Liquid Herbicide + ACHIEVE 40 DG or ACHIEVE 80 DG tank-mixtures should be made to spring wheat or barley from the 4-leaf until the early flag leaf stage of growth (total leaves including tillers) (Zadoks or BBCN growth stage of 11, 20 to 14, 21) and when wild oats are at the 1 to 6-leaf stage of growth (total leaves including tillers) (Zadoks or BBCN growth stage of 11, 20 to 14, 21). Refer to the illustration on the ACHIEVE 40 DG or ACHIEVE 80 DG label.

APPLICATION RATE: Estaprop Liquid Herbicide AT 1.75 L/ha tank-mixed with ACHIEVE 40 DG at 0.5 kg/ha or ACHIEVE 80 DG at 0.25 kg/ha. When using this tank-mixture, add Turbocharge to the spray tank at a concentration of 0.5% v/v (i.e. 0.5 L of Turbocharge per 100 L of spray solution).

PRE-HARVEST INTERVALS: Do not use treated cereals for grazing of livestock or green feed until 40 days after application of Estaprop Liquid Herbicide. Do not cut treated cereals for forage until 40 days after application of Estaprop Liquid Herbicide. Withdraw meat animals from treated fields at least 3 days before slaughter.

WEEDS CONTROLLED: As listed for Estaprop Liquid Herbicide used alone plus wild oats and green foxtail (wild millet).

NOTE: Estaprop Liquid Herbicide + ACHIEVE 40 DG or ACHIEVE 80 DG tank-mixtures can be used in all varieties of spring wheat (including hard red spring, Canada prairie spring, soft white spring, and utility and durum) or barley. DO NOT APPLY this mixture before the 4-leaf stage of growth.

NOTE: For aerial application, do not apply this tank-mix within 50 m of non crop areas. Refer to the ACHIEVE 40 DG or ACHIEVE 80 DG label.

ESTAPROP LIQUID HERBICIDE + PUMA:

SPRING WHEAT AND DURUM WHEAT: (not underseeded to legumes): Follow all mixing and spraying precautions, limitations and timing recommendations on the PUMA label. DO NOT APPLY BY AIR.

SPRAY VOLUME & PRESSURE: Apply in 55-110 litres of water per hectare at a pressure of 275 kPa.

TIMING: Applications of Estaprop Liquid Herbicide + PUMA should be made to spring wheat and durum wheat from the 4-leaf stage up to a maximum of 6 leaves on the main stem plus 3 tillers. Application beyond the 6-leaf stage may result in injury to spring and durum wheat.

APPLICATION RATE: Estaprop Liquid Herbicide at 1.75 L/ha tank-mixed with PUMA at 1.0 L/ha.

WEEDS CONTROLLED: As listed for Estaprop Liquid Herbicide alone plus wild oats, green foxtail and barnyard grass.

NOTE: Estaprop Liquid Herbicide and PUMA can be used in all varieties of spring wheat (including hard red spring, Canada prairie soft, soft white spring and utility) and durum wheat.

ROADSIDES, UTILITY LINES, RAILWAY RIGHTS-OF-WAY, UNCROPPED LAND AND CONTROL OF WOODY GROWTH:

Estaprop Liquid Herbicide mixes with oil or kerosene and emulsifies in water. To reduce potential drift hazard in non-crop locations, LO-DRIFT may be added. Follow all directions on the LO-DRIFT label for the correct mixing sequence.

Roadsides: Apply 4 L/ha Estaprop Liquid Herbicide. Some weeds may need a second treatment (do not exceed a total of 2.24 kg active ingredient/ha per season for 2,4-D). If roadsides are cut for hay, the following pre-harvest intervals must be observed.

PRE-HARVEST INTERVALS (roadsides, utility lines, railways rights-of-way and uncropped land): Do not use treated vegetation for grazing of livestock or green feed until 40 days after application of Estaprop Liquid Herbicide. Do not cut treated

vegetation for forage until 40 days after application of Estaprop Liquid Herbicide. Withdraw meat animals from treated fields at least 3 days before slaughter.

BRUSH CONTROL:

For best results apply on the foliage and stems just prior to or just after brush is in full leaf in the late spring or early summer. Many species may require retreatment the following year. Thoroughly wet down all foliage and stems to ground level. Apply 750 to 1500 L of spray mixture per hectare depending on brush density and height.

Use 8.75 L of ESTAPROP LIQUID HERBICIDE per 1000 L of water for the following susceptible species:

Buckbush	Scotch Pine	Wild Cherry
Hawthorn	Sugar Maple	Wild Plum
Poplar	White Cedar	Wild Raspberry

Use 11.7 L of ESTAPROP LIQUID HERBICIDE per 1000 L of water for the following susceptible species:

Alder	Honeysuckle
Aspen	Manitoba maple
Basswood	Poison ivy
Balsam Fir	Poplar
Birch	Raspberry
Bur oak	Red Pine
Blueberry	Rose (some regrowth)
Elderberry	Silver maple
Elm	Sumac
Ground juniper	Tamarack
Hardhack	White oak
Hazel	Wild apple
Hickory	Willow

1. FOLIAGE METHOD:

This is the standard method for high volume sprays along fencerows, highways, rights-of way. Use it as a first spray on thick brush composed of mixed species. Apply spray to both foliage and stems of all plants from the time foliage is fully developed in spring until plants begin to go dormant. For effective control, all leaves, stems and suckers must be thoroughly wet to ground line. Some regrowth may be expected on resistant species such as ash, oak and maple. Mix thoroughly before spraying. Apply with power equipment. To control mixed deciduous and coniferous species such as aspen, alder, cherry, balsam, poplar, basswood, birch, elm, bur oak, spruce, pine, fir, tamarack, and white cedar, apply

a mixture of 8.2 litres Estaprop Liquid Herbicide plus 6.25 litres DYCLEER (480 g/L) per 1000 litres of water when leaves of deciduous species are fully expanded. Cover all foliage and stems to the point of run-off. Brush and trees over 3 metres should be cut close to the ground and sprayed when the regrowth is over 0.6 metres tall.

2. BASAL TREATMENT:

Controls hard-to-kill woody plants. The solution can be applied to the basal part of standing brush during any time of the year. This treatment is not effective for Basswood and Ash. Apply thoroughly to cause runoff on all sides of stems from ground line to 1 metre high. Apply with the basal bath method on scattered brush or as a second spray on species resistant to a first foliage spray. Mix 24 to 31 litres of Estaprop Liquid Herbicide in 1000 litres of fuel oil. Apply with low volume knapsack sprayer or power equipment. Concentration will depend on species present, volume of spray used and season applied.

RATES: Susceptible and intermediate species: 2.3 L/100 L of fuel oil. Hard-to-kill species: 3.2 L/100 L of fuel oil.

3. MODIFIED BASAL TREATMENT:

Drench the base of plants, then wet remaining stems and leaves to run-off, spraying 4/5 of the plants from bottom up. Treat when brush is in full foliage. This method may be used where susceptible species have been controlled by prior sprays and resistant species, such as maple, oak and ash remain. Drenching the base of the plant and wetting all stems to run-off is essential for complete control.

RATES: Early season spraying: Add 8.2 - 11.6 L of Estaprop Liquid Herbicide to 100 L of diesel oil and mix thoroughly. Add this mixture to 890 L of water. During dry weather, or the latter part of spray season: Add 11.7 L Estaprop Liquid Herbicide to 180 L of diesel oil and mix thoroughly. Add this mixture to 810 L of water. Stir thoroughly before spraying, particularly if material is allowed to stand for more than one hour after mixing.

4. CUT SURFACE METHOD:

a. STUMP TREATMENT: To prevent regrowth treat stumps immediately after cutting by spraying or painting stumps, exposed roots and cut surface. The rate for all species is 3.25 L/100 L of fuel oil. Thorough drenching is essential.

b. FRILL TREATMENT: This method is recommended for resistant standing trees of more than 13 to 15 cm in diameter. Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut frills with axe (downward) close together around trunk without removing bark. Spray or paint exposed wood until runoff. Pour in as much of this mixture as the frill will hold without wasting

chemical. Treat freshly cut frills at anytime of the year. The rate for Frill Treatment is 3.25 L/100 L of fuel oil.

AERIAL APPLICATION METHOD (brush control):

For control of aspen, poplar and white birch, mix 8.4 L of Estaprop Liquid Herbicide plus 5.2 L of DYCLEER. This tank-mix may be applied aerially in not less than 85 L of water per hectare. Do not spray when wind velocities are above 8 kph.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

USE PRECAUTIONS FOR AERIAL APPLICATION (to cereal crops, stubble and non-crop land)

Apply only under conditions of good practice specific to aerial application as outlined in the *Basic Knowledge Requirements for Pesticide Education in Canada: Applicator Core and Aerial Module*, developed by CAPCO.

- Avoid direct applications to any body of water. Do not contaminate water through spray drift or by cleaning of equipment or disposal of wastes.
- Use boom pressure of 235 kPa or less. Avoid placing nozzles where spray will enter wing tip vortices.
- Do not apply this product directly to, or otherwise permit it to come into direct contact with desirable crops or other desirable broadleaf plants or non-target species and do not permit spray mists to drift onto them.
- Coarse sprays are less likely to drift, therefore, use only nozzles or nozzle configurations which minimize the production of fine spray drops. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure. When spraying, avoid combination of pressure and nozzle type that will result in fine particles (mist) which are more likely to drift. A spray thickening agent or drift retardant may be used with this product to aid in reducing spray drift.
- Do not use human flaggers.
- Avoid Spray Drift: Apply only when there is little or no hazard from spray drift. Small quantities of the spray, which may not be visible, may seriously injure susceptible crops and damage sensitive non-target habitat. A method must be used to detect air movement, lapse conditions, or temperature inversions (stable air) such as the use of balloons or a continuous smoke column at or near the spray site or a smoke generator on the spray equipment. If the smoke develops into layers or indicates a potential for hazardous spray drift, do not spray.
- **Buffer Zones:** Appropriate buffer zones should be established between treatment areas and aquatic systems and treatment areas and significant wildlife habitat.

OPERATOR PRECAUTIONS FOR AERIAL APPLICATION

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have 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.

GENERAL BROADLEAF WEED CONTROL:

Most perennial weeds are best controlled by spraying the foliage during the month of May or in early fall. Some species may require a second treatment. Spray weed infested areas with an even spray pattern, making sure weeds shielded by high grass are thoroughly wetted. Spray tall weeds to runoff. Apply 200 to 600 L/ha of spray mixture, the higher volume will assure better coverage, particularly where high grass cover is present. For Poison Ivy control see BRUSH CONTROL Use 4L/ha of Estaprop Liquid Herbicide for the following susceptible weeds:

Alfalfa	Goldenrod	Sweet clover
Bull Thistle	Goat's-Beard	Tansy
Burdock	Hawkweed	Teasel
Buttercup	Horsetail(partial control)	Toadflax
Canada Thistle	Milkweed (topkill)	Vetch
Chicory	Mullein	Wild carrot
Cinquefoil	Plantain	Yellow rocket
Curled dock	Perennial and annual weeds	
Dandelion	Sow thistle as indicated under	wheat and barley section
Dogbane		

NOTE: If this material is to be used in straight oil mixture, do not let water get into it or the finished mixture. This material forms an emulsion in water - not a solution. This tends to separate on standing. Provide agitation to prevent such separation and ensure a uniform spray mixture.

CLEANING OF SPRAYER:

Do not use weed sprayers for applying any other chemicals on crops which may be damaged (see Use Precautions) without thorough cleaning. To clean sprayer, rinse all parts including pump, hoses and nozzles several times with water. Then fill complete unit with a solution of water and either detergent or household ammonia (1 part to 100 parts of water) and let stand for 24 hours. Rinse several times with clean water. Even after such cleaning, use of the sprayer may cause damage on susceptible crops, particularly if esters have been used. It is advisable to use the sprayer only on recommended crops. Do not contaminate irrigation water when cleaning sprayer.

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