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# FYFANON® ULV

## ULTRA LOW VOLUME CONCENTRATE INSECTICIDE

Active ingredient: Malathion\*\* ..... 95.0%  
Inert Ingredients ..... 5.0%

\*\*O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate  
(1 gallon contains 9.79 pounds of malathion)

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Harmful by swallowing, inhalation or skin contact

**Avoid breathing spray mist • Avoid contact with skin • Wash thoroughly after Handling**  
**Change contaminated clothing • Do not contaminate food or feed products**

### PRECAUCIÓN

**AL USUARIO:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente  
**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

**IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT, AREA CODE 800-424-9300**

### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Call a physician or poison control center immediately. Induce vomiting by giving 1 or 2 glasses of water and touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

**If inhaled:** Remove victim to fresh air immediately.

**If on skin:** Remove contaminated clothing and wash affected areas with soap and water.

**If in eyes:** Flush with water for at least 15 minutes and get medical attention.

**NOTE TO PHYSICIAN:** This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

See S. 20 pages for additional precautionary statements.

EPA Reg. No.: 4787-8

Product of Denmark

EPA Est. No.: 4787-DN-1

**A S CHEMINOVA - Lemvig - Denmark**

Phone: 07 83 41 00 - Telex: 66514 - Telecopier 07 83 45 55

Net. Weight: 250 Kilos

### PRECAUTIONARY STATEMENTS

Hazards to Humans ( & Domestic Animals

Harmful by swallowing, inhalation or skin contact. Avoid breathing spray mist.  
Avoid contact with skin. Wash thoroughly after handling. Change contaminated clothing. Do not contaminate food or feed products.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff may occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. This product is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated area. Apply this product only as specified on this label.

### PHYSICAL OR CHEMICAL HAZARDS

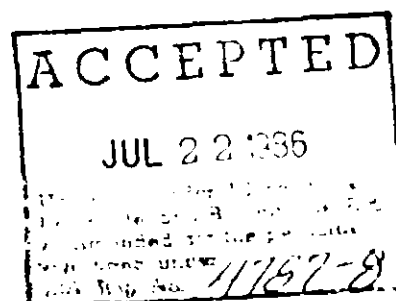
Before using, read the directions contained in this leaflet for the proper methods and procedures which must be followed to achieve effective insect control and avoid permanent damage to automobile and other paint finishes.

### DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, automobile paint damage, and other losses or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CHEMINOVA. All such risks shall be assumed by the user.

CHEMINOVA warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use thereon described when used in accordance with the directions for use, subject to the risks referred to above.

\* FYFANON is a registered trade mark of A S Cheminova



The sale of this product does not include a license under any patent owned by CHEMINOVA.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unexposed persons.

Don't forget that, if you're wearing a protective clothing suit, sprays have done

## STORAGE AND DISPOSAL

For net command and control costs, we used the average of disposal

**Storage:** HYFANON ULV should be stored at temperatures not exceeding 21°C (70°F). It should never be heated above 55°C (131°F) and a so called heating above this temperature should be avoided.

**Pesticide Disposal.** Pesticide spray mixtures or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container Disposal.** Metal Containers: To be reused for equivalent. Then either for recycling or reconditioning, or purchase and dispose of in a sanitary landfill, or by other approved state and local procedures.

## MANUFACTURING USES

FFA AND ULV may be used for the preparation of malathion insecticides. Before using for this purpose, manufacturers should consult CHEMINOVA for materials and safe handling instructions.

## AGRICULTURAL USES

Do not use this product for any uses other than those specified on this label.

## FARM WORKER SAFETY

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

When oral warnings are given, warnings shall be given in a language commonly understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: CAUTION: Area treated with M-20™ in one (1) day of application. Do not enter without appropriate protective clothing until spray has dried.

**HYFEATION ULV** is best calculated in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insect indicated. Aerial applications are most effective when made at a boom height of 5 feet and a swath width of 50 feet. Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

blowers with a pump capable of producing up to 40 psi and lower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30° into a fan blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass median diameter of 40 to 100 microns. Swath widths should not exceed 30 feet. Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. Air should be regulated with relief valve and gauge for proper air and liquid mixture. Pneumatic type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass median diameter of 30 to 100 microns. Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

Repeat applications should be made as necessary unless otherwise specified.

Unlubricated gears & shafts of F-7A/B/C/D/E will permanently damage automobile gears. Cars should not be driven if accidental exposure does occur. Oil can be added to oil reservoir immediately.

Consult your state's department of labor or state extension service for proper setting of sprays.

This product is highly toxic to honey bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Extension Service.

| CROP                                                  | PESTS CONTROLLED                                         | FLEED OUR CES PER ACRE | DAYS TO HARVEST or GRAZING and COMMENTS                                                                                                       |
|-------------------------------------------------------|----------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Alfalfa                                               | Alfalfa weevils                                          | 8                      | 0 day. Apply when larvae are small                                                                                                            |
|                                                       | Western yellow necked cutworm                            | 12                     | 5 days. Apply when larvae are large or when damage is done                                                                                    |
|                                                       | Alfalfa weevil larvae                                    | 10                     | 5 days. Apply when day temperatures are expected to exceed 80°F and when 50% of leaves show feeding damage                                    |
|                                                       | Leaf miner                                               | 8                      | 0 day. Apply when larvae are small                                                                                                            |
|                                                       |                                                          | 10                     | 5 days. Apply when larvae are large or when damage is done                                                                                    |
|                                                       | Leafhoppers                                              | 8                      | 0 days                                                                                                                                        |
|                                                       | In alfalfa weevils - Fleed 10, not apply to seed alfalfa |                        |                                                                                                                                               |
| Red clover, green and, heavy red stalks, used for hay | Major alfalfa weevil                                     | 8                      | 1 day                                                                                                                                         |
|                                                       | Leaf miner                                               |                        |                                                                                                                                               |
|                                                       | Leafhoppers                                              |                        |                                                                                                                                               |
|                                                       | Leaf beet                                                |                        |                                                                                                                                               |
|                                                       | Leafhoppers                                              |                        |                                                                                                                                               |
| Blueberries                                           | Blueberry leafhopper                                     | 10                     | 0 day                                                                                                                                         |
| Chickens                                              | Leaf beet                                                | 12-15                  | 1 day. Apply to control larvae. Use higher rate when damage is heavy or infestation is severe. Make first application as soon as first adults |
|                                                       |                                                          |                        |                                                                                                                                               |
| Grass (late, early, and late) and grasses             | Grass weevil                                             | 4-8                    | Barley, oats, wheat: 1 day. Corn, 5 days. Soybeans: 1 day                                                                                     |
|                                                       |                                                          |                        |                                                                                                                                               |
| Grass (early and late) and grasses                    | Grass weevil                                             | 8-12                   | 0 day. In alfalfa, 1 day. In corn, 1 day                                                                                                      |
|                                                       |                                                          |                        |                                                                                                                                               |
| Grass                                                 | Grass weevil                                             | 4                      | 5 days                                                                                                                                        |
| Corn                                                  | Early weevil                                             | 4-8                    |                                                                                                                                               |
|                                                       | Leafhoppers                                              |                        |                                                                                                                                               |
|                                                       | Grass weevil                                             | 8-12                   | Early to midseason                                                                                                                            |
|                                                       |                                                          | 15                     | Late season                                                                                                                                   |
|                                                       | Grass weevil                                             | 8                      |                                                                                                                                               |
|                                                       | Grass weevil                                             | 8-12                   |                                                                                                                                               |
|                                                       |                                                          | 10                     | Very heavy migrating populations                                                                                                              |
| Wheat (early, late, and late) and grasses             | Grass weevil                                             | 8                      | 2 days. wheat, 1 day. 5 days                                                                                                                  |

| CROP                                          | PESTS CONTROLLED                                                          | FLUID OUNCES PER ACRE | INTERVAL BETWEEN LAST APPLICATION AND HARVEST                                             |
|-----------------------------------------------|---------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------|
| Wheat - Southern                              | Southern Mealybug                                                         | 0.12                  | 7 days. Apply during the bloom stage.                                                     |
| Rice - Northwest                              | Rice Shear                                                                | A                     | 14 days                                                                                   |
| Rice - Upper River<br>- Lower Rio Grande      | Rice Shear Bug                                                            | B                     | 7 days. Apply to the rice from early during early tiller and young stage of growing rice. |
| Soybeans                                      | Leafhoppers<br>and other bugs                                             | B                     | 3 days of the flowering period.                                                           |
| Soybeans                                      | Mealybugs, Bean Beetles<br>leafhoppers, Japanese<br>weevil, and nematodes | A                     | 7 days of the flowering stage use.                                                        |
| Sugar Beets                                   | Leafhoppers, Sugar<br>Beet, Bean Mealybug, Aphids                         | B                     | C. day<br>C. day - 14 days and 14 days used for 1st and 2nd                               |
| Neonigr cultural lands                        | Beet, leafhoppers<br>and weevil pests (ants)                              | B                     | C. day                                                                                    |
| Beef (cattle feed lots and<br>finishing pens) | Adult Fleas and<br>Mosquitoes                                             | 0.8                   | C. day                                                                                    |

## OTHER = AGRICULTURAL USES

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## POST KEYNESIAN

Apply with sprayer equipped for ultra low volume application. Make application when air is calm and temperature is below 85° F. (a. a. below spray to control termite activity and masses of injury may result. Do not spray on sites under extreme heat, drought and desiccation conditions).

| TREE                           | PESTS CONTROLLED      | FLUID OUN<br>CES PER ACRE | DIRECTIONS                                                                                   |
|--------------------------------|-----------------------|---------------------------|----------------------------------------------------------------------------------------------|
| Douglas Fir<br>True Fir Spruce | Spruce Bark-beetle    | 13                        | Apply when highest percent age of larvae are in the fifth instar.                            |
| Hemlock                        | Hemlock Looper        | 8                         | Apply when most larvae are in third and fourth instar.                                       |
| Pines                          | European Pine Sawfly  | 10                        | Apply when larvae are in the first or second instar or before they reach 1/2 an inch.        |
|                                | Sub-Orange Stem-borer | 10                        | Apply when 80% of the population has become adult.                                           |
| Larch                          | Larch Casebearer      | 8                         | Apply in spring as soon as larvae break the burr-formation and begin feeding on new foliage. |