

PM 64
11656-97
02-18-99



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

Under FIFRA, as amended:

EPA Reg.
Number:

11656-97
(11656-OT)

Date of Issuance:

2/18/99

Term of Issuance:

Conditional

Name of Pesticide Product:

First Choice Narrow Range
415 Spray Oil

Name and Address of Registrant (Include ZIP Code):

Michele M. Radcliffe, registration agent for:
Western Farm Service, Inc.
PO Box 1168
Fresno, CA 93715

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 11656-97".

2. Submit three copies of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "accepted with comments" is enclosed for your records.

Signature of Approving Official:

Thomas C. Harris, Biologist, OPP/RD/IRB

Date:

FEB 18 1999

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

IF SWALLOWED: Do not induce vomiting. Call a doctor or get medical attention. Do not give anything by mouth to an unconscious person. (Note: Due to petroleum distillates).
IF ON SKIN: Wash affected area with soap and water. Get medical attention if irritation persists.
IF IN EYES: Do immediately flush eyes with plenty of water. Get medical attention if irritation persists.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth, and get medical attention.
NOTE TO PHYSICIAN: Petroleum distillate poses aspiration pneumonia hazard.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber, or viton).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands thoroughly before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Apply product only as specified on the label.

PHYSICAL / CHEMICAL HAZARDS:

Do not weld, heat or drill this container. Residues may ignite with explosive violence if heated sufficiently.

STORAGE & DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Keep out of reach of children and animals. Keep pesticide in original container. Store in a cool, dry place and avoid excess heat. Do not put concentrate or dilute into food or drink containers.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

FIRST CHOICE

NARROW RANGE 415 SPRAY OIL

ACTIVE INGREDIENT:	BY WT.
Mineral Oil	98.0%
INERT INGREDIENTS:	2.0%
TOTAL:	100.0%
Unsulfonated Residue:	
(ASTM D-483)	92.0%
Petroleum Oil Classification:	unclassified

EPA REG. NO. 11656-

EPA EST. No. 11656-CA-02

KEEP OUT OF REACH OF CHILDREN

CAUTION

**ACCEPTED
with COMMENTS**

In EPA Letter Dated:

FEB 18 1999

NET CONTENTS:

GALLONS

Manufactured by:

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 11656-97
**WESTERN FARM SERVICE
P.O. BOX 1168
FRESNO, CA 93715**

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 through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that has been treated, such as plants, soil, or water, is: coveralls, shoes plus socks, and chemical-resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber, or viton).

NOTE: UNLESS SPECIFICALLY INDICATED, FIRST CHOICE 415 SPRAY OIL IS TO BE DILUTED WITH WATER BEFORE APPLICATION. BELOW AND ARE TO BE INTERPRETED AS SUCH. SPRAY OIL PER 100 GALLONS OF WATER.

GENERAL

FIRST CHOICE 415 SPAY OIL is a spray oil specifically for agricultural use on citrus fruits, grapes, apricots, almonds, cherries, etc.

APPLICATIONS: FIRST CHOICE 415 SPRAY OIL will not stay in solution unless it is applied all times during spray operations. A crop. Total coverage of all parts of the plant is directed to thoroughly drench all limbs and leaves. For smaller, immature trees and vines, apply proportionately.

DILUTION: Be sure tank is clean. Add water. Start agitator. Add total amount of water and while adding balance of water and while agitator is running, DOES NOT EMULSIFY.

GROUND APPLICATION: Dilute recommended amount per acre.

AERIAL APPLICATION: Dilute FIRST CHOICE 415 SPRAY OIL to 1 gallon per acre in sufficient volume to cover. Consult local Extension Service or agricultural agent for combinations with currently registered pesticides, varieties or young trees. In case of doubt, follow instructions.

COMPATABILITY: FIRST CHOICE 415 SPRAY OIL is compatible with insecticides, fungicides or foliar nutrients. Mixtures, mix the correct proportions. After thorough mixing, a combination remains mixed or compatible.

CHEMIGATION: DO NOT APPLY to trees or vines.

DO NOT APPLY this product within 48 hours of a crop's harvest.

DO NOT APPLY to trees weakened by nitrogen applications.

DO NOT USE FIRST CHOICE 415 SPRAY OIL when making low volume applications.

CROP RESISTANCE

Apply when pests appear. Adjust dose according to pest infestation, crop canopy size, etc. OIL may be reapplied if pest pressure is high.

LEMONS: Red Scale, Yellow Scale, Purple Scale, Black Scale, Brown Soft Scale, Citrus Red Mite, Citrus Bud Mite: 1.2 to 1.4 gals/100 gallons of water with thorough coverage. In Central and Southern California, apply in late spring and late summer through December. In Coastal California, apply from March through Early November. The higher dosage is recommended for heavier infestations in early fall. To aid in control of Red, Black, Yellow, or Purple Scale add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations. See notes below for Spreader-sticker, Low Volume, and additional Black Scale uses.

NAVEL ORANGES: Citrus Red Mite, Red Scale, Yellow Scale, Purple Scale: 0.6 to 0.8 gallons FIRST CHOICE 415 SPRAY Oil per 100 gallons of water with full coverage. Sevin (0.4 lb. 80% WP per 100 gallons) or 1.0 lbs. Malathion 25% WP per 100 gallons may be added if needed for scale control. Do not use FIRST CHOICE 415 SPRAY Oil on Navel Oranges after Sept. 1.

ORANGES, GRAPEFRUIT AND LIMES: Red Scale, Yellow Scale, Purple Scale, Black Scale, Citrocola Scale, Brown Soft Scale, Citrus Red Mite, Pacific Spider Mite, Two-spotted Spider Mite: 1.2 to 1.4 gals./100 with thorough coverage late summer and fall (Central California July through September). Highest dosage only for July or August applications. To aid in control of Red, Yellow, Black, or Purple Scale, add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations.

LOW VOLUME APPLICATIONS: Oranges and Grapefruit. Citrus Red Mite: 12 to 15 gallons FIRST CHOICE 415 SPRAY OIL per acre in 50 to 100 gallons of water.

APRICOTS, ALMONDS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: Summer use for Red Mite: 0.7 gallons/100 gallons of water. Summer stage (post harvest) of Brown Apricot Scale, San Jose Scale: 1 to 1.5 gallons/100 gallons of water. Some varieties may be sensitive to oil and organic phosphate combinations.

Dormant or Delayed Dormant: San Jose Scale, Parlatoria Scale, Walnut Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Aphid Eggs: 1.5 to 2 gallons/100 gallons of water. Delayed Dormant: Leaf Roller Eggs: 2.5 gallons/100 gallons of water.

NOTE: On prune trees sensitive to oil, application should be made in the period between February 15 and the popcorn stage.

APPLES AND PEARS: Summer application (post harvest) Red Mites: 0.7 gallons/100 gallons of water. Immature summer stage (post harvest) of San Jose and Italian Pear Scale, use 1 to 1.5 gallons/100 gallons of water.

General use as an aid in adherence of insoluble insecticides. Use one quart to 100 gallons of water.

Dormant and Delayed Dormant: San Jose Scale, Italian Pear Scale: 1.5 to 2 gallons/100 gallons of water.

Delayed Dormant: Leaf Roller Eggs: 2.5 gallons/100 gallons of water.

Pear Psylla: 1 gallon/100 gallons of water.

GRAPES (DORMANT) - Mealy Bug: Use 1 gallon of FIRST CHOICE 415 SPRAY OIL per 100 gallons of water with thorough coverage.

OLIVES – Parlatoria scale: Use 1.5 gallons FIRST CHOICE 415 SPRAY OIL per 100 gallons of water. Apply prebloom or post bloom up to buckshot stage.

WALNUTS - Delayed dormant - Brown Apricot Scale. Black San Jose Scale, Olive Scale, Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Putnam Scale, Brown Soft Scale, Certain Scale Insects, eggs of aphids, Red Spider Mites; 1-1/2 to 2 gallons/ 100 gallons of water.

Summer Use - Red Spider Mites: 3 to 4 quarts/100 gallons of water.

Summer stage of Brown Apricot Scale, San Jose Scale: 1 gallon/100 gallons of water. This treatment should only be used on trees that have not suffered from lack of moisture at any time during the growing season. Further, oils should not be applied to orchards where soil moisture is low.

RATES PER ACRE

CROP	Gallons of Dilute Spray of Recommended Dosage	Gallons of Oil Per Acre By Concentrate Sprayer ⁽¹⁾
Citrus	400 to 3000	12 to 20
Stone Fruit & Almonds	250 to 800	4 to 6 ⁽²⁾
Apples & Pears	250 to 800	4 to 6 ⁽²⁾
Olives	400 to 3000	-----
Walnuts	400 to 3000	4 to 6
Grapes	50 to 300	½ to 2

(1) Application in 50 to 100 gallons of spray mixture per acre is preferred but not required depending on the spray equipment used.

(2) For shipping fruit, use the 6 gallon rate not later than 6 weeks before harvest: otherwise use 4 gallon/acre not later than 4 weeks before harvest or 2 gallon/acre not later than 1 week before harvest.

Nutritional Powders: FIRST CHOICE 415 SPRAY OIL is compatible with Nutra-Phos (R) and Nutra-Spray (R) foliar nutrient powders which may be used at the rate of 1 1/2 to 3 lbs. per 100 gallons of spray solution.

Note: Being an oil spray, application should NOT be made.:

- 1 When the soil (especially the sub-soil) is relatively dry or when trees are under stress.
- 2 Immediately prior to, during, or following an unusually cold weather period.
- 3 When the temperature is above 95 degrees Fahrenheit.
- 4 Do not use with captan, dichlone, glydoin, Karathane, sulfur or lime sulfur. Do not use oil 30 days before or after sulfur or captan products.
- 5 Do not apply over fruit of apricots, cherries, peaches, plums, prunes, apples or pears in excess of 0.2%.
- 6 Do not apply copper products for 30 days before or after oil application on citrus.
- 7 Do not apply during low humidity, i.e. Santa Ana winds in Southern California, or when temperature exceeds 93 degrees for lemons.

Important Notice: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

FIRST CHOICE is a registered trademark of Western Farm Service, Inc.