

BACK PANEL

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

ANGER! PELIGRO!

PRECAUCION AL USUARIO: Si usted no lee este producto antes de usarlo, puede haber sido seriamente dañado.

PODRIOSUFRIR SI SE INHALA, SE INHALE O SE ABSORBE A TRAVES DE LA PIEL

RAPIDAMENTE ABSORBIDO A TRAVES DE LA PIEL

REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS

Do not breathe vapor or spray mist

Do not get in eyes, on skin or on clothing

POISON SIGNS (Symptoms)

Early parathion is a very dangerous poison. It quickly enters the body on contact with the skin or through the eyes. Clothing wet with this material must be removed immediately. (Remove persons) must receive prompt medical treatment if they show the signs of the signs and symptoms of poisoning...

POISON

ATROPINE IS AN ANTIDOTE CONSULT PHYSICIAN FOR EMERGENCY SUPPLY

CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING

Symptoms of signs of poisoning include: blurred vision, headache, dizziness and tightness in the chest...

FIRST AID TREATMENT

STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition...

IF INHALED: remove victim to fresh air. If not breathing immediately give artificial respiration...

IF IN EYES OR ON SKIN: immediately flush with plenty of water for at least 15 minutes...

IF SWALLOWED: induce vomiting immediately by giving two glasses of water and by touching back of throat with finger...

NOTE TO PHYSICIAN

Parathion is a powerful cholinesterase inhibitor. It is a very dangerous poison...

Parathion is a powerful cholinesterase inhibitor and may be administered as an antidote to for not a substitute for atropine which is a symptomatic and often the drug of choice. DO NOT GIVE MORPHINE OR TRAMADOL DRUGS BECAUSE THESE ANTIPOIDS MAY PRODUCE ADVERSE EFFECTS...

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY OTHER CHOLINESTERASE INHIBITOR

Persons working with this product should have frequent blood tests of their cholinesterase levels...

Keep all unexpired portions and amounts away from exposed areas where there is danger of fire

Do not get eyes or skin wet with hands if you are in any way STOP work and get help right away...

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water proof gloves with rubber boots or rubber shoes (2) Wear safety goggles (3) Wear a protective respirator...

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking

AFTER WORK: Wash all of your clothes and shoes. Shower using soap and water. Wash your face, clean clothes when leaving job...

REENTRY STATEMENT

Do not open this product in such a manner as to directly or through other persons workers or other persons. The area being treated must be vacated by all personnel...

Do not enter treated areas for 48 hours unless an adequate protective clothing is worn

Because certain states may require more restrictive reentry procedures for various crops treated with this product, consult your State Department of Agriculture for further information

Written oral warnings must be given to workers who are authorized to be in a treated area...

ORAL WARNINGS must mean workers of grade or less than that may not be present without protective equipment and clothing specified on the label during treatment for 48 hours following treatment

Follow First Aid Treatment instructions shown on the label in case of accidental exposure

When oral warnings are given, warnings must 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

WRITTEN WARNINGS must include the following information

DAZLER Area treated with parathion (50%)

Do not enter without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on the product label in case of accidental exposure

ATTENTION

To avoid excessive residues in parathion on food or large crops always observe the maximums found under "Directions for Use" before the time before harvest when parathion may be applied

Because this material is poisonous to fish, contact with water should be avoided. Do not apply to water or areas adjacent to water unless approved by appropriate authorities or beneficial organisms

Environmental Hazard

This product is toxic to fish, game birds and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, marshes and swamps. Spring and creeks may be killed if application rates recommended on this label...

Do not apply where there are important resources. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label

This product is highly toxic to bees essential to crop production or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service

Physical or Chemical Hazard

Corrosive: Do not use near soil or where near soil is below

IF SPILLED: Do not use near soil or where near soil is below

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RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

Parathion 25 Wettable

Table with 2 columns: ACTIVE INGREDIENT, INERT INGREDIENTS, and By Wt. Parathion\* 25%, \*O,O-diethyl O-p-nitrophenyl thiophosphate 75%, TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO (Red) POISON (Red) with skull and crossbones symbol

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

NOT FOR HOME USE

FIRST AID TREATMENT STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Parathion and describe his condition. IF INHALED: remove victim to fresh air... IF IN EYES OR ON SKIN: immediately flush with plenty of water... IF SWALLOWED: induce vomiting immediately...

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS SEE SUPPLEMENT FOR USE DIRECTIONS.

NET WEIGHT \_\_\_\_\_ lbs

EPA Reg. No. 11656-62 EPA EST. No. 11656-CA-2

DEC 26 1984 with stamp and handwritten number 11656-62

WESTERN FARM SERVICE, INC.

3075 Citrus Circle Walnut Creek, CA 94598

# RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

## Parathion 25 Wettable

ACTIVE INGREDIENT	By Wt.
Parathion*	25%
INERT INGREDIENTS	75%
*O,O-diethyl O-p-nitrophenyl thiophosphate	TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

**DANGER PELIGRO** (Red) **POISON** (Red)

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

NOT FOR HOME USE

### FIRST AID TREATMENT STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Parathion and describe his condition. If doctor cannot come take victim to clinic or hospital.

Move victim immediately from the area where Parathion is present.

IF INHALED remove victim to fresh air. If not breathing immediately give artificial respiration preferably mouth-to-mouth and maintain until doctor sees victim. If breathing is difficult give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have victim lie down and keep quiet.

NET WEIGHT \_\_\_\_\_ lbs

EPA Reg. No. 11858-82

EPA EST. No. 11858-CA-2

## WESTERN FARM SERVICE, INC.

3075 Citrus Circle  
Walnut Creek, CA 94598

SUPPLEMENTAL LABEL

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

#### DAÑERO PELIGRO!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.

RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY WITHOUT SYMPTOMS BE INCREASINGLY HAZARDOUS.

Do not breathe vapors or spray mist.

Do not get it over, on skin or on clothing.

#### POISON SIGNS (Symptoms)

Many parathion is a very dangerous poison. It readily enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Labeled persons must receive prompt medical treatment if they show the same of the signs and symptoms of poisoning are headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, shaking, watering of eyes, drooping or twitching of mouth and nose, muscle spasms and coma.

#### POISON

ATROPINE IS AN ANTIDOTE CONSULT PHYSICIAN FOR EMERGENCY SUPPLY

CALL A DOCTOR (PHYSICIAN) AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, labored breathing, cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 grain or 0.65 milligrams) at once (One tablet to children under five years of age).

#### FIRST AID TREATMENT

##### STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. If doctor cannot come, take victim to clinic or hospital.

Move victim immediately from the area where parathion is present.

IF INHALED, remove victim to fresh air. If not breathing immediately give artificial respiration preferably mouth-to-mouth and maintain until doctor sees victim. If breathing is difficult give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have victim lie down and keep quiet.

#### NOTE TO PHYSICIAN

Atropine administered promptly suffices in large doses. TWO TO FOUR mg intravenously or intramuscularly, at least 30 minutes if necessary. Repeat at 15 to 30 minute intervals until signs of intoxication abate.

IF THIS PESTICIDE IS APPLIED TO A SURFACE IT MAY BE ABSORBED AS AN ANTIDOTE TO BUT NOT A SUBSTITUTE FOR PERSONS WHICH IS A SYMPTOMATIC AND OFTEN IRREVERSIBLE. DO NOT GIVE ANTIIDOTES OR TREAT OTHERS BECAUSE THESE ANTIIDOTES MAY PRODUCE ADVERSE EFFECTS ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT. THIS PESTICIDE IS A STRONG CHolinesterase inhibitor affecting the central and peripheral nervous systems and producing labor and respiratory depression. At first sign of respiratory distress the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal reactions have been reported after minor exposures. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

#### WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY WITHOUT WARNING, CAUSE PRODUCED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product consult the State Agriculture Extension Service or Experimental Station for specific recommendations regarding such blood tests.

Keep all unreacted poison and poison away from places where there is danger of fire. Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. See First Aid (Practical Treatment) section.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING:

- 1) Wear work protective gear: hat, rubber boots or rubber overalls.
- 2) Wear safety goggles.
- 3) Wear a protective respirator device approved by the Mining, Health and Safety Administration (formerly the U.S. Bureau of Mines) and the National Institute for Occupational Safety and Health under the provisions of 30 CFR part 11. (4) Wear heavy duty natural rubber gloves.

IMPORTANT: Before removing gloves wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK: Wash off all work clothes and shoes. Shower using soap and water. Wash your face, clean clothes when leaving job. Do not wear contaminated clothing, heat protective clothing and protective suit with soap and water after each use. Respirator should be cleaned and repaired according to INSTRUCTIONS INCLUDED WITH RESPIRATOR.

#### Reentry Statement

Do not re-enter this product in such a manner as to be directly or through air contact with it or other persons. The area being treated must be vacated by an authorized person.

Do not wear treated shoes for 48 hours unless an appropriate protective clothing is worn. Because certain states may require more restrictive reentry intervals for various crops treated with this pesticide, consult your State Department of Agriculture for further information.

Written 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.

ORAL WARNINGS shall inform workers of signs or tests that may not be entered without protective equipment and clothing specified on this label during treatment or for 48 hours following treatment. Follow First Aid Treatment instructions shown on this label in case of accidental exposure.

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.

WRITTEN WARNINGS must include the following information:

DANGER Area treated with parathion (or [GEN]) Do not enter treated area without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.

#### ATTENTION

To avoid excessive residues of parathion on food or forage crops always observe the minimum harvest interval. Directions for use showing the time before harvest when parathion may be applied.

Because this material is poisonous by skin contact, absorption or swallowing it should not be used in such a manner as to cause weather conditions to wet the skin or the spray and areas not intended to be sprayed. Do not apply or allow drift to areas occupied by unprotected humans or beneficial insects.

#### Environmental Hazard

This product is toxic to fish, shrimp, crab, bees and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, bays, marshes and reservoirs. Shrimp and crab may be killed if application lines contaminated on this label. Do not apply where there are important resources. Do not apply where drift is likely to occur. Do not apply where weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal. See First Aid section. This product can be toxic to fish.

This product is highly toxic to bees. To avoid bee mortality, do not apply to flowers. Pesticide information may be obtained from your Cooperative Agriculture Extension Service.

#### Physical or Chemical Hazard

Combustible. Do not use near open flame, heat, sparks, etc.

IN CASE OF FIRE: Use water spray, foam, dry chemical, or CO<sub>2</sub> spray. IF GAS: Move upwind. If inhaled, get fresh air. If on skin, wash with soap and water. If in eyes, flush with water. If on clothing, remove and wash separately with strong detergent.

#### Storage and Disposal

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

#### STORAGE AND HANDLING

- 1) Handle container carefully so as to avoid damage and prevent leakage.
- 2) Do not use or store in or around the home.
- 3) Store container in a cool, well-ventilated place.
- 4) Empty container retains vapor and product residue. Observe all label requirements when container is cleaned, reconditioned or destroyed.
- 5) Keep out of reach of children and domestic animals.

#### DISPOSAL

Wastes of this pesticide are acutely hazardous unless per instructions of correct pesticide spray materials. It remains a hazardous waste until it has been properly disposed of according to applicable state, federal, tribal, compact, your state pesticide or environmental control agency or the Hazardous Waste Requirements of the Resource Conservation and Recovery Act (RCRA).

Containers empty but with applicator equipment do not constitute a hazardous waste. Containers of empty but with applicator equipment do not constitute a hazardous waste unless they are used for other purposes. Do not burn, bury or dump.

running during filling and spraying operations. Do not allow mixture to stand. Do not use in low volume gear-type spray equipment. Do not apply with hand equipment. Do not combine with emulsifiable liquids unless previous use of the mixture has proven physically compatible and safe to the plants.

## Recommendations

Unless otherwise specified rates are given in terms of WFS PARATHION 25 Wettable per 100 gallons of water for fruits and nuts. Make full coverage spray for scale insect control. For control of codling moth, apple maggot, oriental fruit moth, or plum curculio apply at petal fall and every 10 to 14 days thereafter until control is achieved. For shothole borer apply at or following petal fall. Repeat in late summer.

## Fruits and Nuts

**ALMONDS:** Oriental fruit moth, ten caterpillar — 1½ to 2 lbs. Peach twig borer, scale insects (dormant application only) — use 2 lbs per 100 gallons — 2½ gallons dormant emulsive per 100 gallons. Apply as a full coverage spray.

**APPLES:** Codling moth, orange tortrix, plum curculio, scales (including forbes, San Jose, scurfy) — 1 to 1½ lbs. For scales, apply when crawlers are present. Consult State Agricultural Experiment Stations for mixing oil for additional scale control. Mealybugs — 1 to 2 lbs. Apple red bugs, eyespotted bud moth, fruittree leafroller and mites (clover, pacific spider, schoene spider, Willamette) — 3/5 to 1 lb. For eye-spotted bud moth apply during prebloom if control is not achieved by a regular spray program. Two-spotted spider mite — 3/5 to 1½ lbs. Aphids — 3/5 to 1½ lbs. Apply during pre-pink stage, pink stage, petal fall or when insects appear. Repeat at 10 to 14-day intervals or as needed. This product may injure the fruit and foliage of Golden Delicious, Johnathan and McIntosh apples, as well as related varieties such as Cortland, Kendall, Macoun and Meiba. Do not apply within 14 days of harvest.

**APRICOTS:** Codling moth, oriental fruit moth, tortrix moths — 1 to 2 lbs. Peach twig borer, two-spotted spider mites — 2 lbs. Peach twig borer, two-spotted mites, mealybugs, European red mites, black scales, European fruit lecanium scale — 2 lbs. For scales, two gallons of dormant oil may be added to the spray mixture. Then follow directions on oil label. Spider mites, fruittree leafrollers — 3/5 to 1½ lbs. Aphids (including mealy plum aphid), eyespotted bud moths — ¾ to 1½ lbs. Do not apply within 14 days of harvest. Do not apply until danger of bee poison has passed.

**CHERRIES:** Spider mites (clover mites, European red mites, two-spotted spider mites), black cherry aphid — ½ to 1 lbs. Leafroller (fruittree leafrollers), orange tortrix moth, lecanium scale, oriental fruit moth, plum curculio — 1 lb. For fruittree leafroller apply at petal fall or shuck split. San Jose scale — 1 lb. Apply after crawlers emerge. Shothole borer — ¾ to 1 lb. Fruit flies (cherry fruit fly, western cherry fruit fly) — 1 to 1½ lbs. Apply at petal fall and repeat at 10 to 14-day intervals beginning at shuck split or apply at fly emergence and repeat at 7 to 10-day intervals. For additional control apply during postharvest period. Treat unpicked trees, and following harvest, treat all unpicked fruit and pollinizer. Repeat immediately after every rain. Eyespotted bud moth, cherry fruitworm — 1 to 1½ lbs. Scales — 2 lbs. (dormant application only). Combine 2½ to 3 gallons of dormant oil with spray mixture. Do not apply within 14 days of harvest.

**CITRUS:** Mealybugs, orange tortrix — 1 to 1½ lbs. Do not apply within 14 days of harvest.

**CITRUS (California):** California red scale, yellow scale — 2/3 to 1½ lbs. Black scale, purple scale — 1½ lbs. 1½ to 1¾ gallons of light or light medium emulsive oil may be added to the spray mixture for control of the

foliage for 21 days after being applied.

**NECTARINES:** Mites — 1 lb. Aphids — ¾ to 2 lbs. Cottony peach scale — 1 to 1-2/3 lbs. Leafrollers (including fruittree leafroller and redbanded leafroller), oriental fruit moth, thrips — 1 to 2 lbs. For thrips apply from 25% bloom through petal fall as 5 to 6-day intervals. Plum curculio — 1 to 1½ lbs. Scales — 1 to 1½ lbs. The higher dosage may be combined with 2½ to 3 gallons of dormant oil. Then follow directions on the oil label. Cottonycushion scale (crawlers) — 1½ to 1½ lbs. San Jose scale, olive scale (parlatoria) — 1½ to 2 lbs. For the above scales, consult State Agricultural Experiment Stations for information on the addition of oil for better scale control. European bud moth, panemis moth, peach twig borer, stink bugs and tarnished plant bugs — 2 lbs. Do not apply within 14 days of harvest. Do not apply more than 5.0 lbs actual parathion per year. In California do not apply within 21 days of harvest. Do not apply more than 5.0 lbs actual parathion per acre between January 1st and harvest. Workers are not to enter treated area to engage in substantial contact with the treated foliage for 21 days after application.

**OLIVES:** Black scale, oleander scale, olive scale (parlatoria) — 1 to 2 lbs. Apply from postbloom state to late June for oleander scale and parlatoria scale, and in late July for black scale. Combine 1½ gallons of light medium summer oil emulsion with the spray mixture. Do not apply after August 1st.

**PEARS:** Note: Injure may occur to Bosc pears under certain conditions. Aphids (including apple aphid, rosy apple aphid, woolly aphids and woolly apple aphid), pear psylla — 3/5 to 1 lb. For dormant applications add 2 to 2½ gallons of dormant oil to the mixture and follow directions on the oil label. Mites (including clover mite, European red mite, spider mites, two spotted spider mites) — ¾ to 1 lb. Green fruitworm, tentiform leafminers, brown mites, pearslug — 1 lb. Leafrollers (including fruittree leafrollers and redbanded leafrollers) — 1 to 1½ lbs. Codling moth, mealybugs and pearleaf blister mites — 1 to 1½ lbs. For mealybugs apply during prebloom stage or when insects appear. Scales (European fruit, lecanium, forbes, San Jose) — 1 to 1½ lbs. Apply when crawlers are present. For dormant application, consult State Agricultural Experiment Stations for information on the addition of oil for better scale control. Or combine 2 to 2½ gallons of dormant oil with lower dosage of mixture and follow directions on oil label. Do not apply within 14 days of harvest.

**PEACHES:** Aphid — 3/5 to 2 lbs. Thrips, mites, cat facing insects — 1 lb. For thrips apply at 25% bloom. Repeat at 5 to 6-day intervals through petal fall period. Leafrollers (including fruittree leafrollers, redbanded leafrollers) — 1 to 1½ lbs. Peachtree borers — 1 to 1½ lbs., during appearance of moths in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Plum curculio — 1 to 1½ lbs. Oriental fruit moth — 1 to 2 lbs. Scales — 1½ to 2 lbs. when crawlers are present. 2½ to 3 gallons of dormant oil may be added to spray mixture. Then follow directions on oil label.

San Jose scale, olive scale (parlatoria) — 1½ to 2 lbs. For the above scales consult State Agricultural Experiment Stations for information on the addition of oil to spray mixture for better scale control. Cottonycushion scale — 1½ lbs. Cottony peach scale — 1 to 1½ lbs. Lesser peachtree borer — 1½ to 2 lbs. Apply during appearance of the moths in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Eyespotted bud moth, panemis moth, peachtwig borer, stink bugs, tarnished plant bugs — 2 lbs. Do not apply within 14 days of harvest. In California, Do not apply within 21 days of harvest. Workers are not to enter treated areas to engage in substantial contact with the treated foliage for 21 days after application.

**PECANS:** Aphids, mites — 1½ lbs. Do not apply within 15 days of harvest. Do not apply after husks open. Do not feed treated husks to livestock.

**PLUMS, PRUNES:** Aphids (including peach and plum aphid), leafhoppers, thrips — 1 lb. Eyespotted bud moths, leafrollers (including fruit-tree leafroller, red-banded leafroller), mites (including European red mite, spider mite, two-spotted spider mite), peachtree borers, plum curculio, orange tortrix moths — 1 to 1½ lbs. For peach tree borers, make applications during appearance of the moths in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Codling moths, scales (including oleander scale, olive scale, San Jose scale) — 1 to 2 lbs. For scales, apply when crawlers appear. Do not apply when temperatures exceeds 90°F. If product is combined with oil, consult State Agricultural Experiment Stations, or combine higher dosage with 1½ to 3 gallons dormant oil and follow directions on the oil label. Aphid eggs (dormant application only) — 2 lbs. Combine 2½ to 3 gallons of dormant oil with the spray mixture and follow directions on the oil label. Peach twig borer — 2 lbs. Do not apply when temperature exceeds 90°F. For dormant application see directions above for aphid eggs. Thrips (including flower thrips, pear thrips) — 1½ to 2 lbs. Do not apply within 14 days of harvest.

**BOYSENBERRIES:** Aphids, mites — 1 to 2 lbs. per acre. Do not apply within 15 days of harvest.

**STRAWBERRIES:** Lygus bugs, whiteflies — 1½ to 2 lbs. per acre. Aphids — 2 to 3-1/5 lbs. per acre. Root weevils (including strawberry root weevil) — post-harvest — 4 lbs. per acre. Do not apply within 14 days of harvest.

**WALNUTS:** Aphids (including walnut aphid) and spider mites — ½ to 1 lb. Do not apply after husks open. Frosted scale — 1 to 2 lbs. Apply during dormant period after defoliation is complete.

## Vegetable and field crops

**ALFALFA, CLOVER, VETCH, SMALL GRAINS** (such as wheat, oats, barley): Aphids (including yellow clover aphids) armyworms, blister beetles, grasshoppers — 1 to 2 lbs. per acre. Do not apply within 15 days of cutting for forage use or harvesting of grains.

**BEANS:** Aphids, armyworms, potato leafhoppers, serpentine leafminers, leafrollers, Mexican bean beetles — 1½ to 2 lbs. per acre. Do not apply within 7 days of harvest.

**BEETS:** Aphids — 3/5 to 2 lbs. per acre. Flea beetles — 1½ to 2 lbs. per acre. Blister beetles — 2 lbs. per acre. Leafhoppers, leafminers, webworms — 1 to 2 lbs. per acre. Do not apply within 15 days of harvest. If tops are to be used for food or feed do not apply within 21 days of harvest.

**CABBAGE, BROCCOLI, BRUSSELS SPROUTS:** Thrips, aphids — 3/5 to 2 lbs. per acre. Armyworms, diamondback moths, imported cabbage-worms — 1 to 2 lbs. per acre. Climbing cutworms, flea beetles, serpentine leafminers — 2 lbs. per acre. Vegetable weevils — 1½ to 2 lbs. per acre. Cabbage loopers — 2 to 4 lbs. per acre. For broccoli and brussels sprouts do not apply within 7 days of harvest for dosages up to 2 lbs. per acre; 21 days for dosages of 2 to 4 lbs. per acre. For cabbage do not apply within 7 days of harvest for dosages up to 1 lb. per acre, 10 days for 1 to 2 lbs., 21 days for 2 to 4 lbs.

**CARROTS:** Leafminers — 1 to 1½ lbs. per acre. Leafhoppers, vegetable weevils — 1½ to 2 lbs. per acre. For aster leafhoppers treat field margins also. Aphids, stink bugs — 2 lbs. per acre. Do not use treated tops for food or feed. Do not apply within 15 days of harvest.

**CELERY:** Aphids, celery leafhoppers — 1 to 2 lbs. per acre. Leafhoppers — 2 to 3 lbs. per acre. Spider mites — 1-2/3 to 3 lbs. per acre. Serpentine leafminers — 3 lbs. per acre. Do not apply within 15 days of harvest for dosages up to 1 lb. per acre, 21 days for 1 to 2 lbs., 30 days for 2 to 3 lbs.

**CORN:** Fall armyworms — 1 to 1½ lbs. per acre. European corn borers — 1½ to 2 lbs. per acre. Apply when insects appear, when 50% of eggs are in "black head" stage, or after 20 egg masses are counted per 100 stalks and first eggs are in "black head" stage, or when 75% of the plants show "shot-hole" feeding. Repeat at 5 to 10 day intervals or as needed. Consult your State Agricultural Experiment Station for proper timing of treatment. Do not apply within 12 days of harvest.

**CUCUMBER, MELONS:** Aphids, cucumber beetles, serpentine leafminers, melonworms, pickleworms — 3/5 to 2 lbs. per acre. (for pickleworms on cucumbers use minimum of ½ lbs.). Climbing cutworms, spider mites, squash vine borers, stink bugs, thrips — 1 to 2 lbs. per acre. Darkling ground beetles, flea beetles, leafhoppers, squash bugs — 2 lbs. per acre. Do not apply before vining. Do not apply within 15 days of harvest.

**EGGPLANT:** Aphids, serpentine leafminers — 1 to 2 lbs. per acre. Thrips — 1 to 1½ lbs. per acre. Do not apply within 15 days of harvest.

**KALE, MUSTARD GREENS:** Aphids, thrips — 3/5 to 2 lbs. per acre. Armyworms, diamondback moths, imported cabbageworms, vegetable weevils — 1½ to 2 lbs. per acre. Climbing cutworms, flea beetles, serpentine leafminers, cabbage loopers — 2 lbs. per acre. Do not apply within 7 days of harvest for dosages up to 1 lb. per acre, 10 days for 1 to 2 lbs.

**LETTUCE:** Aphids, leafhoppers — 1-4/5 to 2 lbs. per acre. Armyworms, cabbage loopers — 2 lbs. per acre. For head lettuce do not apply within 7 days of harvest. For bibb and leaf do not apply within 21 days of harvest.

**LETTUCE:** Thrips — 1 to 2 lbs. per acre. Leafminers, armyworms — 2 lbs. per acre. Apply in furrow at time of planting. Do not apply within 15 days of harvest.

**PEAS:** Aphids (including pea aphids), pea weevils — 1 to 2 lbs. per acre. Armyworms, climbing cutworms, serpentine leafminers, thrips — 2 lbs. per acre. Do not apply within 10 days of harvest. Do not apply within 15 days of harvest if forage is to be used for food or feed.

**PEPPERS:** Flea beetles — 1½ to 2 lbs. per acre. Serpentine leafminers — 1 to 1½ lbs. per acre. Aphids, pepper maggots, thrips — 1 to 2 lbs. per acre. Do not apply within 15 days of harvest.

**POTATOES:** Colorado potato beetle, flea beetles, leafhoppers, serpentine leafminers, whiteflies — 4/5 to 2 lbs. per acre. Grasshoppers — 4/5 to 1 lb. per acre. Thrips — 1-4/5 lbs. per acre. Aphids, armyworms — 1 to 2 lbs. per acre. Two-spotted spider mites — 2 lbs. per acre. Do not apply within 5 days of harvest.

**SPINACH:** Aphids, leafminers — 1 to 2 lbs. per acre. Do not apply within 14 days of harvest.

**SQUASH:** Aphids, cucumber beetles (including spotted cucumber beetle, striped cucumber beetle), leafminers (including serpentine leafminers), melonworms, pickleworms — 3/5 to 2 lbs. per acre. Thrips — 1 to 2 lbs. per acre. Spider mites (including two-spotted spider mites) — 1½ to 2 lbs. per acre. Cutworms (including climbing cutworms), darkling ground beetles, flea beetles, leafhoppers, squash bugs — 2 lbs. per acre. Do not apply within 15 days of harvest.

**TOMATOES:** Thrips — 1 to 1-4/5 lbs. per acre. Aphids, Colorado potato beetles, flea beetles, leafhoppers, whiteflies — 1 to 2 lbs. per acre. Grasshoppers — 1 lb. per acre. Armyworms, cabbage looper — 2 lbs. per acre. Stink bugs — 1 to 3 lbs. per acre. Spider mites, tomato fruitworm — 2 to 3 lbs. per acre. Tomato pinworms — 3 to 4 lbs. per acre. Hornworms — 1½ to 1-3/5 lbs. per acre. Do not apply within 10 days of harvest.

**TURNIPS:** Aphids, thrips — 3/5 to 2 lbs. per acre. Armyworms, diamondback moths, false chinch bugs, harlequin bugs — 1 to 2 lbs. per acre. Imported cabbageworms — 1½ to 2 lbs. per acre. Climbing cutworms, vegetable weevils, cabbage webworms — 1½ lbs. per acre. Flea beetles, serpentine leafminers, cabbage loopers — 2 lbs. per acre. Do not apply within 7 days of harvest for dosages up to 1 lb. per acre., 10 days for 1 to 2 lbs.

**CONDITIONS OF SALE:** 1. Western Farm Service, Inc. (WFSI) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. WFSI neither makes nor authorizes any agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond WFSI's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by WFSI under 1 above) resulting from handling, storage, and use of this material.