

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:	Date of Issuance:	
84467-5	JAN 2 7 2009	
Term of Issuance:		
Unconditional		
Name of Pesticide Product:		
Proparmite-6E		

NOTICE OF PESTICIDE:

X Registration
Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

UPI-ACETO, LLC

630 Freedom Business Center, Suite 402

King of Prussia, PA 19406

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:

- 1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 2. Revise the EPA Registration Number to read "EPA Reg. No. 84467-5".
- 3. Based on the similarity to EPA Reg. No. 400-89 and your citation of this product as a 'me-too', your product labeling must conform to the EPA Reg. No. 400-89 product label. The use of labeling similar to 400-104 is not acceptable without a further review by the Health Effects Division. You must make the following label changes before releasing the product for shipment:

Continued on the next page

Signature of Approving Official:	All las	& page	Date:	JAN 2 7 2009
Richard Gebken, Produc	t Manager (13)	RD/IB (7505P)		

a. Page 1 -

Change "Contains 6.2 lbs active ingredient per gallon" to read "contains 6.0 lbs active ingredient per gallon".

#### b. Direction for Use.

#### i. Use Restrictions.

As we discussed previously, the crops on the EPA Reg. No. 400-89 must replace all directions for crop applications on your label. Remove the following statements:

- Beans- Do not feed or forage treated bean vines or bean trash after harvesting.
- Cotton Apply only before the boils open. Do not feed treated foliage or cotton trash to livestock.
- Peanuts Do not graze or feed livestock on treated areas or cut forage for hay.

ii. As required by the recent amendment to the Propargite RED, replace the three crop rotation statements with:

- "Do not plant any root crop in rotation within 6 months after last application of propargite to labeled crops."
- "Do not plant other crops in rotation within 2 months after last application of propargite."

#### iii. General Instructions

Change the sentence that begins with 'For best results,' to read:

"For best results, after filling the tank three-quarters full of water, add the recommended dosage from the use instructions of Proparmite-6E to the spray tank, agitate, and spray thoroughly to cover fruit, nuts, and foliage."

#### iv. Crop tables

If the crop table exceeds one page in length you must retain the headings 'Crop', 'Mites Controlled', and 'Directions', for each of the respective columns on each continuing page.

The crops on the EPA Reg. No. 400-89 must replace all directions for crop applications on your label. The tables must reflect this cited product's use patterns and contents.

The title of your first table refers to 'Bearing Crops'. Therefore, there is no need to make this distinction within the table itself because it might lead a grower to believe that they can apply Proparmite-6E to non-bearing and bearing crops using the same directions for use. Therefore, make the following changes:

A. Revise the section on Almonds (California and Arizona only) as follows:

- i. Change the application rate to: Apply Proparmite-6E at 2-4 pints per acre.
- ii. Apply 15 gallons of spray solution per acre by air. One application of Proparmite-6E may be applied by air to almonds over one ground application of propargite products.
- B. REMOVE: Beans dry (including dry lima beans) (West of Rocky Mts.) and all associated references, footnotes and directions for use from the label.
- C. REMOVE: Oranges, Grapefruits (Bearing)(Florida and Texas only) and all associated references, footnotes and directions fro use from the label.
- D. REMOVE: Popcorn from the label and all associated references, footnotes and directions for use. Remove the row referencing "General Information for field corn and popcorn listed below".

Revise the directions for field corn to read:

"Field corn (California only)

Two-spotted spider mite

Banks grass mite

Do not apply more than 1.5 lbs. (2 pints Proparmite-6e) propargite a.i. per acre per year.

Apply once per year.

Apply 2 pints per acre.

Apply 20-50 gallons spray solution per acre by ground

Apply a minimum of 10 gallons of spray solution per acre by air.

The REI is 13 days.

The PHI is 56 days.

- E. REMOVE sweet corn and all associated references, footnotes and directions from use from the label.
- F. REMOVE cotton and all associated references, footnotes and directions for use from the label.
- G. REMOVE jojoba and all associated references, footnotes and directions from use from the label.
- H. REMOVE all associated references, footnotes and directions from use from the label for the entry entitled as Mint (except California).
- I. REMOVE peanuts and all associated references, footnotes and directions from use from the label.

- J. REMOVE sorghum and all associated references, footnotes and directions from use from the label.
- K. Revise the section "Conifers in Plantations, Nurseries, Shadehouses, and Containers (Pacific Northwest only, except California)" as follows:
- i. Change the application rate to read: "Apply Proparmite-6E at 2-4 pints per acre."
- ii. Change aerial application instructions to read: "For aerial application, apply 10-20 gallons of spray solution per acre."
- L. Hops: Revise as follows: "Hops"
- i. Change the application rate: Apply Proparmite-6E at 2 pints per acre.

#### M. Mint

- i. Revise the application rate to read: "apply Proparmite-6E at 2-2 ¼ pints per ace.
- ii. Change the restriction to read: "Do not apply Do not apply more than 5.46 pints Proparmite-6E (4.1 lbs propargite a.i.) per acre per year.
- N. Potatoes. (Pacific Northwest only)
- i. Change the application rate to read: Apply Proparmite-6E at 2-2 ¼ pints per acre. Make specific reference to the irrigation instructions found on page 18 in the table section for potatoes.
- ii. Irrigation Precautions:

Correct the typographical error in item 'F.' Change from 'c heck valve' to 'check valve'.

iii. Change the restriction to read: "Do not apply more than 5.46 pints Proparmite-6E (4.1 lbs propargite a.i.) per acre per year.

#### O. Walnuts

- i. Correction change the pre-harvest (PHI) from 14 to 21 days.
- ii. Change the application rate to read: "2-6 pints per acre"
- iii. Delete the phrase "For bearing walnuts" from the directions for use in the table. Change "Use a minimum of 3.8 pts. of Proparmite-6E on large mature trees. Apply no more than 8.7 pints per year." to "Use a minimum of 4 pts. per acre of Proparmite-6E on large mature trees. Apply no more than 9 pints per acre per year."
- iv. Revise the second sentence of the aerial application directions to "Use 3-4 pints of Proparmite-6E in a minimum of 20 gallons of water per acre when applied by air."
- v. Change the PHI to 21 days.

#### P. Non Bearing Crops

- i. Change the application rate for all non-bearing crops to 2.0 pints Proparmite-6E per acre.
- ii. Delete "There is no exception for hand weeding or thinning."

iii. Add for all non-bearing crops: "The grazing or feeding of livestock on cover crops among the trees or vines is prohibited."

iv. Change the second sentence of the table footnote to read: "This includes fruit and nut trees and berries in both commercial plantings and nurseries, including transplant areas, excluding residential areas."

- 4. You are required to generate a one year storage stability study (830.6317) for the subject product under warehouse conditions. It is recommended that observations be made at 0, 3, 6, 9, and 12 months. The corrosion characteristics study (830.6320) may be conducted concurrently. An accelerated study will not substitute for a one year study under warehouse conditions.
- 5. The basic Confidential Statement of Formula (CSF) dated August 28, 2008 is acceptable and is the basic CSF of record.
- 6. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions.

A stamped copy of the label and the acute toxicology and product chemistry reviews are enclosed for your records. If you have any questions regarding this registration action, please contact Kevin Sweeney at (703) 305-5063. Thank you for your cooperation in this matter.

Sincerely,

Richard Gebken
Product Manager 13

Insecticide Branch

Registration Division (7505P)

**Enclosure** 

Restricted Use Pesticide due to skin effects. For retail sale to and use by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

ACCEPTED

### PROPARMITETM-6E

### AGRICULTURAL MITICIDE

with COMMENTS
in EPA Letter Dated
JAN 2 7 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
essistered under EPA Reg. No.

Active Ingredient:

 Propargite\*
 69.2%

 Other Ingredients:
 30.8%

 Total:
 100.0%

\*Contains 6.2 lbs. active ingredient per gallon.

Contains petroleum distillates.

EPA Reg. No. 84467-xxx

EPA Est. No. xxx

# DANGER • PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted el detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### FIRST AID

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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 center 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 mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:** Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

#### **EMERGENCY TELEPHONE NUMBERS:**

FOR MEDICAL EMERGENCIES: (866) 673-6671 (Rocky Mountain Poison Control Center)

FOR SPILLS OR TRANSPORTATION EMERGENCIES: (800) 424-9300 (Chemtrec)

Net contents:	
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Sold by: UPI-Aceto, LLC 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406 1 800-438-6071

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes skin burns. Maybe fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if inhaled. Do not get in eyes, on skin or clothing. Wear protective eyewear such as goggles, face shield or safety glasses. Wear coveralls over long-sleeved shirt and long pants, chemical resistant footwear and socks, chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, viton, section category E). Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. For more options, follow the instructions for Category E on an EPA chemical-resistance category selection chart.

#### All Mixers, Loaders, and Applicators and Handlers must wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical resistant footwear and socks,
- Goggles, face shield or safety glasses,
- Chemical resistant gloves such as nitrile rubber, butyl rubber, viton and/or barrier laminate, expect for flaggers and applicators using closed cabs,
- Chemical resistant apron for mixers and loaders and persons exposed to the concentrate.
- For overhead exposure wear chemical-resistant headgear.

See Engineering Controls for further requirements

#### **USER SAFETY REQUIREMENTS**

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

#### USER SAFETY RECOMMENDATIONS

#### Users should:

- Remove clothing/PPE immediately if pesticide gets inside.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, change into clean clothing and follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water.
- Keep and wash PPE separately from the laundry.

#### **ENGINEERING CONTROLS**

Mixers and loaders supporting aerial applications to corn and cotton must: use a closed system that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)], and must:

- Wear the personal protective equipment required above for mixers/loaders,
- Wear protective eyewear if the system operates under pressure, and
- Be provided and must have it immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown: coveralls, chemical-resistant footwear, and a NIOSH approved respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or an organic vapor cartridge or canister with N,R,P or HE prefilter, and chemical resistant headgear, if overhead exposure.

#### Applicators using airblast spray equipment must:

- Wear the personal protective equipment required above for mixers and loaders,
- Be provided and must have immediately available when they must enter the treated area: coveralls, chemical-resistant gloves, chemical-resistant footwear, chemical-resistant headgear, if overhead exposure,
- Take off any PPE that was worn in the treated area before reentering the cab if the applicators are operating in a closed cab, and
- Store all such PPE in a chemical-resistant container, such as plastic bag, to prevent contamination of the inside of the cab or other enclosed area.

Direct flaggers need to wear the personal protective equipment required above for mixers/loaders and applicators/handlers, unless they are in an enclosed vehicle which need not be pressurized. When handlers and/or applicators use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards(WPS) for agricultural pesticides[40 CFR 170.240(d)(4-6)], the PPE requirements may be reduced or modified as specified in the WPS.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates and may cause reproductive effects in wildlife. Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in the neighboring areas. Do not contaminate water when disposing of equipment washwaters.

#### PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame.

#### **DIRECTIONS FOR USE**

#### RESTRICTED USE PESTICIDE

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

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 regulation.

#### 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), notification to workers 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 to enter into treated areas during the restricted entry interval (REI) listed except as provided for by the WPS.

The REI and Exceptions are listed in the Directions for Use associated with the crop.

Notify workers of these exceptions (including when entry is permitted for each of the tasks named in the exception).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls over long-sleeved shirt and long pants,
- chemical-resistant gloves, made of any waterproof material,
- chemical-resistant footwear plus socks, and
- protective eyewear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

#### **SPRAY DRIFT PRECAUTIONS**

# AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR AND GROWER.

#### WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS:

- Do not apply by ground within 50 feet or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.
- Risk of exposure to sensitive aquatic areas can be reduced by making applications when the wind direction is away from the aquatic area.

#### Wind direction and speed

- Only apply this product if the wind direction favors on target deposition.
- Do not apply when the wind velocity exceeds 15 mph.

#### Temperature inversion

- Do not make aerial or ground applications into temperature inversions.
- Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

#### **Droplet size**

 For ground and aerial applications apply the coarsest droplet size spectrum that provides sufficient coverage and mite control.

#### **Additional Requirements for Ground Applications**

- For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.
- For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

#### **Additional Requirements for Aerial Applications**

- The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% rotor diameter.
- Spray must be released at the lowest height consistent with pest control and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

#### **RUNOFF PRECAUTIONS**

Under some conditions, propargite may have a high potential for runoff into surface water for several days after application. Do not apply in the following areas:

- frequently flooded areas (excluding artificially flooded areas)
- areas where intense or sustained rainfall is forecasted to occur within 48 hours.

Use best management practices for minimizing surface runoff in the following areas:

- poorly draining or wet soils with readily visible slopes towards adjacent surface water.
- areas with in-field canals or ditches that drain to surface water.
- areas not separated from adjacent surface waters with vegetated filter.

Consult your soil conservation service for recommendations in your use area.

#### USE RESTRICTIONS

- Do not use in spray solution above pH 10.
- It is best to use PROPARMITETM-6E at pH 7 or lower.
- Beans- Do not feed or forage treated bean vines or bean trash after harvesting.
- Cotton- Apply only before bolls open. Do not feed treated foliage or cotton trash to livestock.
- Peanuts- Do not graze or feed livestock on treated areas or cut treated forage for hay.
- Do not feed hop refuse or cones to livestock. However, spent hops from the extract operations may be fed. Do not feed mint spent hay to livestock.

Unless the rotated crop is a registered use for propargite, the following applies:

- Do not plant leafy vegetables in rotation within 2 months after the last application of propargite to cotton or corn.
- Do not plant small grains in rotation within the 82 days after the last application of propargite to cotton and corn.
- Do not plant any other feed or food crop in rotation within 6 months after the last application of propargite unless the crop is a registered use for propargite.

#### Registered-labeled field and vegetable uses for propargite are:

Beans, dry	Potatoes
Corn (sweet, field and popcorn)	Sorghum
Cotton	Seed crops only:
Hops	Alfalfa
Jojoba	Carrots
Mint	Clover
Peanuts	Sugar beets

#### **GENERAL INSTRUCTIONS**

PROPARMITETM-6E is a liquid emulsifiable concentrate formulation. PROPARMITETM-6E needs to be diluted with water prior to spray applications for control of the mites listed in the Use Instructions. For effective control, complete coverage of the fruit and both the upper and lower leaf surfaces is necessary since PROPARMITETM-6E is not systemic in action. For best results, add the recommended dosage from the Use Instructions of PROPARMITETM-6E to the spray tank, agitate, and spray thoroughly to cover fruit, nuts and foliage. Rate of application is variable according to pest pressure, timing of sprays, and field scouting.

Product performance is best when day temperatures average above 70° F.

### DOSAGE INSTRUCTIONS FOR USE ON BEARING CROPS

CROP	MITES CONTROLLED	DIRECTIONS
General Information  — All labeled crops below		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
		See Agricultural Use Requirements For general REI exception.
	•	There is no exception allowed for hand weeding or thinning.
Almonds (California & Arizona only)	Clover Mite European Red Mite	Apply PROPARMITE™-6E at 1.9-3.8 pints per acre.
	Pacific Spider Mite Strawberry Spider Mite	Apply a minimum spray solution of 50 gallons per acre by ground.
	Two-spotted Spider Mite	For aerial application, apply a spray solution of 15 gallons per acre (For Bearing Almonds only: One application of PROPARMITE <sup>TM</sup> -6E may be applied by air to almonds over one ground application of propargite products).
		Do not apply more than 2 applications per year.
		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
•	• •	The minimum spray interval is 21 days.
		Restricted Entry Interval (REI) of 22 days.
		The pre-harvest interval (PHI) is 28 days.
		The grazing or feeding of livestock on cover crops grown among the trees is prohibited.
Beans dry (including dry lima beans)	Two-spotted Spider Mite	Apply PROPARMITE™-6E at 2.1-3.1 pints per acre.
(West of the Rocky Mts.)		Apply a minimum spray solution of 20 gallons per acre by ground.
		For aerial application apply in a minimum spray solution of 5 gallons per acre.
		Do not apply more than 2 applications per year.
		The minimum spray interval is 21 days.
		Restricted Entry Interval (REI) of 9 days.
		The pre harvest interval (PHI) is 14 days.
		Do not apply more than 4.74 pints PROPARMITETM-6E (3.7 lbs. propargite a.i. per acre) per year.

Oranges & Grapefruits	Citrus Red Mite Texas Citrus Mite	Apply PROPARMITETM-6E at 2.1-3.1 pints per acre.
(Bearing) (Florida & Texas Only)	Six Spotted Mite Citrus Rust Mite	Apply a minimum spray solution of 25 gallons per acre by ground.
	False Spider Mite Broad Spider Mite	For aerial application apply in a minimum spray solution of 10 gallons per acre.
		Do not apply more than 2 applications per year.
		The minimum spray interval is 28 days.
		Restricted Entry Interval (REI) of 20 days.
		The pre-harvest interval (PHI) is 21 days.
		The grazing or feeding of livestock on treated areas or cutting treated forage for hay is prohibited.  Apply in sufficient water for thorough coverage.  Apply no more than 5 ½ pints per year.  Do not apply petroleum oils 30 days prior to or 40 days after applying PROPARMITE™-6E as phytotoxicity may occur on leaves and/or fruit. Do not apply PROPARMITE™-6E mixed with petroleum oils or any materials containing petroleum based solvents as phytotoxicity may occur on leaves and/or fruit.  Do not mix PROPARMITE™-6E with or apply to, or after, alkaline materials such as lime, Bordeaux mixture or lime sulfur.  Avoid PROPARMITE™-6E applications to immature leaves and fruit, and prevent spray solution from puddling, dripping, or running off leaves and/or fruit.

Conifers in Plantations,	Spider Mites	Apply PROPARMITE™-6E at 1.9-2.9pints per acre.
Nurseries, Shadehouses & Containers (Pacific	Spides Miles	Apply a spray solution at 20-200 gallons per acre by ground.
Northwest Only, except CA)		For aerial application, apply a spray solution of 10-20 gallons per acre.
,		Do not apply more than 3 applications per year.
		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
		The minimum spray interval is 28 days.
		Restricted Entry Interval (REI) of 14 days.
		For control of spider mites on evergreen conifers grown for Christmas trees and ornamental uses. This is to include trees grown on plantations, in nurseries, shade houses, and containers. This may include, but is not limited to Douglas fir, Grand fir, Shasta fir, Noble fir, Scotch pine, Colorado blue spruce and similar
		species.
	·	Use the higher rate in the rate range for larger trees and higher mite pressure.  Adjust gallonage to obtain thorough coverage depending upon tree size, mite population and
		equipment design.  For aerial applications use a minimum of 30 p.s.i. For better coverage, use ½ the recommended rate/acre and fly over treated areas twice at right angles to each other.
General Information  – for Field Corn &		At least 3.1 pints per acre should be used under conditions of severe mite pressure.
Popcorn listed below:		Treat early. Best results are achieved when mite populations are low, before the mites have damaged the plants. Treatment is recommended when mite populations are just beginning to build, and the corn is still small enough (usually 3 to 4 feet) to allow good coverage. Ensure applications are made only when corn leaves are dry. This is especially true for white corn varieties which are the most susceptible to plant injury. Additional adjuvants are not recommended for use on corn in California.
Field Corn &	Two-spotted Spider Mite	Apply PROPARMITE™-6E at 2.1-3.1 pints per
Popcorn	Banks grass Mite	acre.  Apply a minimum spray solution of 20 gallons per acre by ground, except in California, use 10 gallons per acre.
		For aerial application apply in a minimum spray solution of 2 gallons per acre.
		Do not apply more than 1 application per year.
,		Restricted Entry Interval (REI) of 13 days.
		The pre- harvest interval (PHI) is 30 days.
		Do not use more than 1.9 pints per acre in California.

Sweet Corn (California only)	Two-spotted Spider Mite Banks grass Mite	Apply PROPARMITETM-6E at 2.1-3.1 pints per acre.  Apply a minimum spray solution of 20 gallons per acre by ground.  For aerial application apply in a spray solution of 10-20 gallons per acre.  Do not apply more than 1 application per year.  Restricted Entry Interval (REI) of 13 days.  The pre-harvest interval (PHI) is 30 days.
General Information – for All Cotton listed below:		Commercially acceptable mite control may be difficult to obtain where synthetic pyrethroids are or have been used.  Do not apply more than 4.23 pints  PROPARMITETM-6E (3.3 lbs. propargite a.i.) per acre per year.  Do not apply more than 2 applications per year.  The minimum spray interval is 21 days.  Restricted Entry Interval (REI) of 6 days.  The pre- harvest interval (PHI) is 50 days.

Cotton(California	&
Arizona only)	

Two-spotted Spider Mite Pacific Spider Mite Strawberry Spider Mite

**Early:** Apply PROPARMITE™-6E at 1.1 pint per acre.

Apply a spray solution of 15-30 gallons per acre by ground.

Aerial application not recommended.

PROPARMITETM-6E may be phytotoxic to young cotton under certain conditions. Age and climatic conditions result in physiological hardening when plants are generally between 6 and 12 inches tall. Applications can begin after plants are hardened.

PROPARMITETM-6E may be used in concentrate sprayers designed for concentrate row crop applications. Maintain PROPARMITETM-6E dosage rate per acre.

Mid Season to Layby: Apply PROPARMITE™-6E at -2.1 pints per acre for ground applications for ground applications.

Apply a spray solution of 25-40 gallons per acre by ground. PROPARMITETM-6E may be used in concentrate sprayers designed for concentrate row crop applications. Maintain PROPARMITETM-6E dosage rate per acre.

Apply PROPARMITE™-6E at 2.1 pints per acre for aerial applications.

For aerial application apply in a spray solution of 5-15 gallons per acre PROPARMITE<sup>TM</sup>-6E may be applied in vegetable oils by air with ULV sprayers.

**Layby:** Apply PROPARMITE™-6E at 2.1pints per acre.

Apply a spray solution of 25-50 gallons per acre by ground. PROPARMITETM-6E may be used in concentrate sprayers designed for concentrate row crop applications. Maintain PROPARMITETM-6E dosage rate per acre.

For aerial application apply in a spray solution of 5-15 gallons per acre. PROPARMITETM-6E may be applied in vegetable oils by air with ULV sprayers.

Layby to Boll Opening: Apply

**PROPARMITETM-6E** at 2.1 pints per acre for aerial applications.

For aerial application apply in a spray solution of 5-15 gallons per acre. PROPARMITETM-6E may be applied in vegetable oils by air with ULV sprayers.

Cotton (East of the	Two-spotted Spider Mite	Early: Apply PROPARMITE™-6E at 1.1 pint per
Rocky Mts.)	Pacific Spider Mite	acre.
	Strawberry Spider Mite	Apply a spray solution of 15-30 gallons per acre by ground.
		Aerial application not recommended.
		The feeding of treated foliage or cotton trash to livestock and applications after bolls have opened are prohibited.
		PROPARMITETM_6E may be phytotoxic to young cotton under certain conditions. Age and climatic conditions result in physiological hardening when plants are generally between 6 and 12 inches tall. Applications can begin after plants are hardened.
		PROPARMITETM-6E may be used in concentrate
		sprayers designed for concentrate row crop applications. Maintain PROPARMITETM-6E dosage rate per acre.
		Mid Season to Layby: Apply PROPARMITE™-6E at 1.1-2.1pints per acre.
		Apply a spray solution of 25-40 gallons per acre by ground. PROPARMITE <sup>TM</sup> -6E may be used in concentrate sprayers designed for concentrate row crop applications. Maintain PROPARMITE <sup>TM</sup> -6E dosage rate per acre.
		For aerial application apply in a spray solution of 5- 15 gallons per acre. PROPARMITETM-6E may be applied in vegetable oils by air with ULV sprayers.
		Layby to Boll Opening: Apply PROPARMITETM-6E at 2.1 pints per acre.
		Apply a spray solution of 25-50 gallons per acre by ground. PROPARMITETM-6E may be used in concentrate sprayers designed for concentrate row crop applications. Maintain PROPARMITETM-6E dosage rate per acre.
·		For aerial application apply in a spray solution of 5-15 gallons per acre. PROPARMITE <sup>TM</sup> -6E may be applied in vegetable oils by air with ULV sprayers.
Jojoba	Tetranychus Spider Mite	Apply PROPARMITE™-6E at 2.1pints per acre.
		Apply a spray solution of 20-40 gallons per acre by ground.
		For aerial application apply in a minimum spray solution of 5 gallons per acre.
		Do not apply more than 2 applications per year.
		The minimum spray interval is 10 days.
		Restricted Entry Interval (REI) of 2 days.
		Apply to foliage when mite populations reach damaging numbers.

Hops	Two-spotted Spider Mite	Apply PROPARMITE™-6E at 1.9pints per acre.
		Apply a minimum spray solution of 200 gallons per acre by ground.
	,	Do not apply more than 2 applications per year.
		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
		The minimum spray interval is 21 days.
		Restricted Entry Interval (REI) of 21 days.
		The pre-harvest interval (PHI) is 14 days.
Mint (except	Two-spotted Spider Mite	Apply PROPARMITETM-6E at 2.1- 2.6
California)	Mint Bud (squirelly mint	pints per acre.
·	effect)	Apply a minimum spray solution of 20 gallons per acre by ground.
		For aerial application apply in a minimum spray solution of 8 gallons per acre.
		Do not apply more than 2 applications per year.
		The minimum spray interval is 14 days.
,		Restricted Entry Interval (REI) of 7 days.
		The earliest harvest days after last applications (last sprays) is 14 days.  Do not apply more than 5.32 pints  PROPARMITETM_6E (4.1 lbs. propargite a.i. per acre) per year.
Mint	Two-spotted Spider Mite	Apply PROPARMITE™-6E at 2.1-2.6 pints per
	Mint Bud (squirelly mint	acre.
·	effect)	Apply a spray solution of 20 - 50 gallons per acre by ground.
		For aerial application, apply a minimum spray solution of 10 gallons per acre.
		Do not apply more than 2 applications per year.
		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
		The minimum spray interval is 14 days.
		Restricted Entry Interval (REI) of 7 days.
		The pre-harvest interval (PHI) is 14 days.
		Do not apply more than 5 ½ pints PROPARMITETM-6E (4.1lbs. propargite a.i.)
<u> </u>		per acre per year.

Two-spotted Spider Mite	A 1 DDODADMITCH (F .O.1.)
1 110 Spouled Spider Wille	Apply PROPARMITETM-6E at 2.1pints per acre.
	Apply a minimum spray solution of 20 gallons per acre by ground.
	For aerial application apply in a minimum spray solution of 5 gallons per acre.
	Do not apply more than 2 applications per year.
	The minimum spray interval is 14 days.
	Restricted Entry Interval (REI) of 2 days.
	The pre- harvest interval (PHI) is 14 days.
•	When temperatures are greater than 90°F with high humidity some leaf phytotoxicity may occur.
	The grazing or feeding if livestock in treated areas or cutting treated forage of hay is prohibited.
T	
I wo-spotted Spider Mite	Apply PROPARMITE™-6E at 2.1-2.6 pints per acre.
	Apply a spray solution of 20 - 50 gallons per acre by ground.
	For aerial application, apply in a minimum spray solution of 10 gallons per acre.
	Do not apply more than 2 applications per year.
	Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
	The minimum spray interval is 21 days.
·	Minimum spray interval is 14 days in Washington State Only.
•	Restricted Entry Interval (REI) of 2 days.
	The pre-harvest interval (PHI)is 14 days.
•	PROPARMITETM-6E may be applied through a sprinkler irrigation system.
	Regardless of the size of the irrigation system, if PROPARMITETM-6E is used at the
	recommended rate per acre, the ratio of diluent to product in the slurry tank should be approximately 4:1.
	Do not apply more than 5 ½ pints PROPARMITE <sup>TM</sup> -6E (4.1lbs.propargite a.i.) per acre per year.
	Two-spotted Spider Mite

Sorghum (East of	Two-spotted Spider Mite	East of the Rocky Mountains: Apply
the Rocky Mts.)	Banks grass Mite	PROPARMITE™-6E at 1.6-2.1 pints per acre.
		Apply a minimum spray solution of 20 gallons per acre by ground.
		For aerial application apply in a minimum spray solution of 5 gallons per acre.
		Due to the large number of varieties of sorghum, it is recommended that a small test plot be treated to check the phytotoxicity before using PROPARMITETM-6E on a large area.
		Do not apply more than 1 application per year.
•		Restricted Entry Interval (REI) of 2 days.
		The post harvest interval for the last spray for silage is 30 days and grain is 60 days.
		CA Only: Apply PROPARMITETM-6E at 1.6-2.1 pints per acre.
		For aerial application apply in a minimum spray solution of 10 gallons per acre.
		Do not apply more than 1 application per year.
		Restricted Entry Interval (REI) of 2 days.
	·	The pre-harvest interval (PHI) for silage is 30 days and grain is 45 days.
Walnuts	European Red Mite Two-spotted Spider Mite	Apply PROPARMITE™-6E at 1.9-5.8 pints per acre.
		For bearing Walnuts, Use a minimum of 3.8 pts of PROPARMITETM-6E on large mature trees. Apply no more than 8.7 pints per year.
		Apply a minimum spray solution of 100 gallons per acre by ground.
		For aerial application, apply a minimum spray solution of 20 gallons per acre. Use2.9-3.8 pints of PROPARMITETM-6E in a minimum of 20 gallons of water per acre when applied by air.
		Do not apply more than 2 applications per year.
		Apply high rate to areas with high mite infestation and areas which historically have had high mite infestations.
		The minimum spray interval is 21 days.
		Restricted Entry Interval (REI) of 30 days.
		Do not enter or allow workers to enter during the restricted entry interval (REI) of 30 days. Exception: In addition to early entry exceptions allowed by the Worker Protection Standards, you may enter or allow workers to enter treated areas to harvest by tree shaking after 21 days following application, as long as the worker wears long pants, long sleeved shirt and shoes
		plus socks.
	·	The pre-harvest interval (PHI) is 14 days.  The grazing or feeding of livestock on cover crops among the trees is prohibited.

#### IRRIGATION USE PRECAUTIONS FOR POTATOES

- A. Apply this product only through sprinkler systems, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non uniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make the necessary adjustments should the need arise.
- F. The system must contain a functional c heck valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being drawn from the supply tank when the irrigation system is either automatically or manually shut down.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Constant agitation must be maintained in the chemical supply tank during the entire period of miticide application.
- N. Inject the product with a positive replacement pump into the main line ahead of a right angle turn, to insure adequate mixing.
- O. Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.
- P. Do not apply when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

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- Q. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of more dilute mixture per hour. Pesticide should be applied continuously for the duration of the water addition.
- R. Where sprinkler irrigation patterns do not overlap sufficiently unacceptable mite control may result. Where sprinkler distribution patterns overlap excessively crop injury may result.

# NON-BEARING CROPS ONLY\* USE INSTRUCTIONS

CROP	MITES CONTROLLED	SPECIAL DIRECTIONS
General Information  – All labeled crops below		Minimum spray solution of 50-400 gallons per acre.  Do not apply more than 2 applications per year.  The minimum spray interval is 21 days.  See Agricultural Use Requirements for general exception.  There is no exception allowed for hand weeding or thinning.
Berries: Aronia berry; Bearberry; Billberry; Blackberry; Blueberry; Blueberry, Lowbush; Caneberries; Cloudberry; Currant, black, current, red; Dewberry; Elderberry; Gooseberry; Highbush cranberry; Huckleberry; Jostaberry; Juneberry; Lingonberry; Mulberry; Partridgeberry; Raspberry; Salal; Seagrape; Serviceberry; Strawberry Citrus: Calamondin;	McDaniel Mite European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Apply PROPARMITETM-6E at 1.9 pints per acre. Restricted Entry Interval (REI) of 10 days.  Strawberries: Leaf damage to strawberries has been observed under the following conditions:  1) when PROPARMITETM-6E is applied with other chemicals or spray adjuvants;  2) when temperatures on the application date reach 75°F, or within a few days after thereafter;  3) when rain falls on the application date or within a few days thereafter. BY USING THIS PRODUCT, THE USER AND GROWER ACCEPT ALL RISKS OF FRUIT OR LEAF DAMAGE ARISING FROM THE CONDITIONS DESCRIBED ABOVE.
Citron, Citrus; Citrus hybrids; Grapefruit; Kumquat; Lemon; Lime; Lime, sweet; Orange, sour; Orange, sweet; Orange, trifoliate; Pummelo; Sapote, white; Tangelo; Tangerine Currants	European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Apply PROPARMITE™-6E at 1.9 pints per acre.  Restricted Entry Interval (REI) of 16 days.
Dates Figs	European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Apply PROPARMITE™-6E at 1.9 pints per acre.  Restricted Entry Interval (REI) of 2 days.
Persimmons	McDaniel Mite	Apply PROPARMITE™-6E at 1.9 pints per acre.

	European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Restricted Entry Interval (REI) of 2 days.
Nut trees (almond, hazelnut, macadamia, pecan, pistachio, walnut)	McDaniel Mite European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Apply PROPARMITE™-6E at 1.9 pints per acre.  Restricted Entry Interval (REI) of 22 days.
Tree Fruit: Apple, apricots, cherries, nectarines, peaches, plums/prunes, quince	McDaniel Mite European Red Mite Pacific Spider Mite Two-spotted Spider Mite Strawberry spider Mite	Apply PROPARMITETM-6E at 1.9 pints per acre.  Restricted Entry Interval (REI) of 2 days.  Apples: Leaf injury may occur if Diazinon WP is used and air temperatures are expected to exceed 95°F the day of spraying apples. Do not apply in combination with Guthion emulsifiable concentrate. Use caution in areas East of the Rockies when poor drying conditions exist and when air temperatures exceed 85°F during application. Optimum temperature range for application is 65° to 85°. Apply under optimal drying conditions. Caution should be taken when applying to drought stressed trees.  Do not mix with petroleum oil or oil based formulations of other products.  Do not apply petroleum oils 14 days prior to or 14 days after applying PROPARMITETM-6E. See the COMPATIBILITIES section on this label.

\*PROPARMITE<sup>TM</sup>-6E may be used on the crops listed above, only when they will not bear fruit within one year of application. This includes fruit and nut trees and berries in both commercial plantings and nurseries, including transplant uses but excluding residential areas.

#### **COMPATIBILITIES**

#### TANK MIX COMPATIBILITIES

PROPARMITETM-6E is compatible with most pesticides. Observe all cautions and limitations on labeling of all products used in mixtures.

#### NOTE:

- A. Leaf injury may occur if the following conditions are not observed.
  - 1. Do not apply PROPARMITETM-6E with Diazinon WP if air temperatures are expected to exceed 95°F the day of spraying apples or hops.
  - 2. PROPARMITE<sup>TM</sup>-6E is not compatible with petroleum based foliar spray oils. (Further information available from supplier.)
  - 3. Do not use penetrating surfactants. Under certain conditions a non-penetrating surfactant can be added. Rely on your previous use experience or consult your local surfactant supplier for specific recommendations.
- B. PROPARMITE™-6E is not compatible with alkaline materials such as lime, lime sulfur or Bordeaux. The effectiveness of PROPARMITE™-6E will be reduced.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry and secure location.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once triple rinsed or pressure rinsed (or equivalent), recycle if available. Some agricultural pesticide containers can be taken to a container collection site or pick up for recycling. To find the nearest site, contact you chemical dealer or manufacturer. If recycling is not available, dispose of in a sanitary landfill or by incineration if allowed by state and local ordinances.

# IMPORTANT INFORMATION READ BEFORE USING PRODUCT

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. The Directions for Use of this product reflect the opinion of experts based on field use and tests and must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of UPI-Aceto, LLC or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPI-Aceto, LLC and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPI-Aceto, LLC and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, UPI-Aceto, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or UPI-Aceto, LLC, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, UPI-ACETO, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, UPI-Aceto, LLC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UPI-ACETO, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICES OF THE PRODUCT OR, AT THE ELECTION OF UPI-ACETO, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

UPI-Aceto, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of UPI-Aceto, LLC.

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