



PURESPRAY™ green

A HORTICULTURAL SPRAY OIL FOR LISTED INSECT, MITE AND DISEASE CONTROL

 FOR ORGANIC PRODUCTION

ACTIVE INGREDIENT:	BY WEIGHT
Mineral Oil†	98.00%
INERT INGREDIENTS:	2.00%
TOTAL:	100.00%
Unsulfonated Residue of mineral oil	99.00% (minimum)
Aromatic Carbons by ASTM D2140	0.00%

†Contains petroleum distillates, CAS # 8042-47-5

KEEP OUT OF REACH OF CHILDREN CAUTION

See Booklet/Inside for Additional Precautionary Statements
and Directions for Use

MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) for:

Intelligro™
2310 Lakeshore Road West
Mississauga, Ontario, Canada L5J 1K2
1-844-388-2665

EPA REG. NO. 69526-9

EPA EST. NO. 79693-CAN-001



intelligro™

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Patent(s):www.suncor.com/patents

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FIRST AID

If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to 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 on Skin or Clothing:	<ul style="list-style-type: none">• 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 in Eyes:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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 further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: INTELLIGRO: 1-844-388-2665, CANUTEC TRANSPORTATION: 613-996-6666 OR A POISON CONTROL CENTER AT 1-800-222-1222.	
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Handlers must wear:

- Long-sleeve shirt, long pants,
- Shoes plus socks, and

• Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils or Viton ≥ 14 mils
See Engineering Controls Statements for additional requirements.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls Statements: When handlers use closed systems or enclosed cabs in a manner that meets with 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.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should: Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should: Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Avoid drift or run off into storm drains, drainage ditches, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to maximize the chances that wind, or rain will not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

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 regulation.

This product may be applied on the plants listed on this label that are growing in or around habitable buildings, along city streets and other rights of way, as well as in agricultural settings. Refer to the appropriate table for the application rate needed to control a specific pest on a specific plant. **Protect painted surfaces, carpet and furnishings from overspray. This product may cause discoloration of concrete, brick driveways.**

Aerial application of this product is prohibited.

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 involves contact with anything that has been treated, such as soil or water, is:

- coveralls,
- shoes plus socks, and
- Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils or Viton ≥ 14 mils

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill:

If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal.

Place damaged package in a holding container. Identify contents.

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:

Rigid, nonrefillable containers equal to or less than 5 gallons:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (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 $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Rigid, nonrefillable containers greater than 5 gallons:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Offer the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **For Plastic containers greater than 5 gallons:** If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **For Metal containers greater than 5 gallons:** If recycling is unavailable, puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

Refillable container, greater than 110 gallons:

Refillable container. Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into the mix tank. Triple rinse the interior of the container with water by using a suitable hose and nozzle attachment or pressure rinser. Collect and store the rinsate for proper disposal. Then, offer the container for recycling or reconditioning. If recycling is unavailable, puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

USE RESTRICTIONS

Do not apply this product when the temperature at time of application is above 95° F. Do not apply this product if the temperature is predicted to be near or below freezing (32° F) within 24 hours of application. Do not apply this product during hot dry winds, rain, or when these or other unsuitable weather conditions have been predicted.

Spray plants only when they are in vigorous condition and when their moisture content is suitable.

Do not apply this product through any type of irrigation system.

Do not overspray or double-spray.

Preharvest Interval: Except where this label specifies otherwise, this product may be used up to the day of harvest.

Sulfur: Do not mix this product with sulfur or sulfur-containing products. Before using this product, make sure that spray tank and other equipment are free of sulfur residues. **On Grapes:** Do not apply sulfur within 10 days of an oil application. **On all other Crops:** Do not apply micronized sulfur within 10 days of an oil application, and do not apply oil within 14 days of an application of wettable or dusting sulfur.

Do not use this product with the following chemicals: Captan or Folpet, during, with or following an oil spray. Do not use chlorothalonal (Bravo), dicloran (Botran), or permethrin (Ambush, Pounce) within 14 days before or after use of this product. Do not use chlorothalonal (Bravo) in a spray program with this product on grapes, ornamentals, or strawberries. Do not use dicofol (Keltthane) in a spray program with this product on ornamentals or strawberries. Do not use propargite (Omite) with this product or within 30 days before or after use of this product (or any other oil spray).

USE PRECAUTIONS

This product has not been tested on all species or varieties of crops, ornamentals, non-bearing or commercial trees, and greenhouse plants that are listed on this label. Before treating a large area, treat a small area or a small number of plants and observe the response to treatment for several days before making a full-scale application.

INTEGRATED PEST MANAGEMENT AND RESISTANCE MANAGEMENT

This product can be used in resistance management strategies or in integrated pest management (IPM) programs. **PureSpray GREEN** is effective for use in programs that attempt to minimize disease resistance as there are no known resistance issues with **PureSpray GREEN**.

Consult with your Federal, State or local Cooperative Extension Specialist for guidance on the proper use of **PureSpray GREEN** in programs for resistance management and using it in an IPM program.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NONTARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift

SPRAY DRIFT

Boom-less Ground Applications: Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

SPRAY DRIFT

Handheld Technology Applications: Take precautions to minimize spray drift.

MIXING DIRECTIONS

- Observe all precautions, limitations, and restrictions on labeling of all products used in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product used in the tank mixing.
- Use consistent agitation to keep spray thoroughly in solution. White mixture indicates good emulsification.
- Add and mix wettable powders before adding PureSpray GREEN
- Calculate required amounts of water and PureSpray GREEN. Fill the tank half full with water, then add the calculated amount of PureSpray GREEN and the remaining water requirement.
- If using an injector system, adhere to proper mixing instructions.
- DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

APPLICATION PROCEDURES

To improve coverage, dilute applications (greater than 100 gallons of spray solution per acre) should be made. Concentrate applications (usually from 20 to 100 gallons of spray solution) may reduce the coverage and thus the effectiveness. Application volumes depend on the crop type, crop size and target pest. Adjust the spray volume to obtain thorough coverage without runoff. Use extreme care when using concentrate sprays as the potential for crop phytotoxicity is increased. A concentrate application can provide satisfactory results as long as the spray unit is properly engineered, calibrated and operated.

When applying by **ground equipment**, use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all leaves until wet but without significant runoff. This label's directions regarding volume of spray solution pertain to applications to mature trees and vines with normal foliage cover. Reduce rates proportionally for smaller and immature plants.

Except where limited by this label, the optimum spray volume depends upon tree or crop size, planting density, and growth stage. Per-acre minimum and maximum spray volumes range from **100-800 gallons for dilute spray, 20-100 gallons for concentrate spray**. Be sure to check instructions and equipment used with your local Agricultural Extension agents. Follow prescribed spray volumes unless otherwise indicated in the Application Rate Tables. If required the amount of water can be adjusted to accommodate local needs and / or application equipment such as electrostatic sprayers.

APPLICATION RATE TABLES

FRUIT AND NUT CROPS and OTHER LISTED PERENNIAL CROPS

CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
ACEROLA* (Barbados Cherry), ATEMOYA*, CARAMBOLA* (Star Fruit), RAMBUTAN*	Aphids, Beetle Larvae, Caterpillars Leafhopper, Leafminers, Mites, Thrips, Whitefly, Alternaria Leafspot, Gummy Stem Blight, Powdery Mildew, Rust	Dilute Spray: Use 0.75 - 1.5 gals. per 100 gals. of water. Concentrate Spray: Use 3 - 6 gals. per acre.	Spray once or twice weekly depending on the rapid growth of the crop and / or vector pressure. When using to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles.
	Cucumber Mosaic Virus, Papaya Ringspot Virus, Pepper Mottle Virus, Potato Leafroll Virus, Potato Virus Y, Tobacco Etch Virus, Watermelon Mosaic Virus 2, Zucchini Yellow Mosaic Virus	Dilute Spray: Use 0.75 gals. per 100 gals. of water. Concentrate Spray: Use 3 - 6 gals. per acre.	
ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PISTACHIOS	Aphid eggs, Black Scale, Brown Mite eggs, European Fruit Lecanium Scale, European Red Mite eggs, Frosted Scale, Fruit Tree Leafroller eggs*, Olive Scale, Overwintering Phytocoris plant bug eggs* (only on pistachio), Overwintering Tent Caterpillar eggs*, San Jose Scale	Dilute Spray: Use 1-3 gals. per 100 gals. of water. Concentrate Spray: Use 6-8 gals. per acre.	DORMANT/DELAYED DORMANT TO GREEN TIP Preferred times of application for European Fruit Lecanium Scale and European Red Mite eggs are Delayed Dormant to Green Tip, and for San Jose Scale are Dormant, Delayed Dormant to Green Tip. Pistachios For use on pistachios, apply as a dormant and/or post harvest treatment. For pistachios in Arizona, apply 4 gallons of oil per acre. In California, apply up to 6 gallons of oil per acre.
	Cottony Peach Scale, Terrapin Scale	Dilute Spray: Use 2-3 gals. per 100 gals of water. Concentrate Spray: Use 8-12 gals. per acre.	DORMANT/DELAYED DORMANT
Continues on next page			

*Crop or pest not approved in California.

FRUIT AND NUT CROPS and OTHER LISTED PERENNIAL CROPS			
CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PISTACHIOS	White Peach Scale on Peaches: Only for use in Georgia, Florida, South Carolina, North Carolina, and Alabama.	Dilute Spray: Use 1.5-2 gals. per 100 gals. of water. Concentrate Spray: Use 6-8 gals. per acre.	DORMANT Apply before buds begin to swell in the spring. Make 2 applications 7-14 days apart, according to local recommendations, during the dormant period.
	Powdery Mildew (Cherries, Nectarines* and Peaches* only)	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 6-8 gals. per acre.	Cherries Preharvest Use: Use up to pit hardening stage. Apply at 10- to 14-day intervals, but shorten the interval and use the highest rate when disease conditions are severe. Post harvest applications: may be made to maintain control and reduce overwintering inoculum. Nectarines/Peaches* Begin at 5% bloom and continue at 10- to 14-day intervals until terminal growth phase stops. Do not apply to oil sensitive varieties.
	European Red Mite, Brown Mite, Pacific Mite, Two-spotted Spider Mite	Dilute Spray: Use 0.5-1.5 gals. per 100 gals. of water. Concentrate Spray: Do not use more than 4 gals. per acre.	FOLIAR AND POSTHARVEST SPRAY Apply when mites first appear. Repeat sprays every 10-14 days. Post harvest sprays may be made to maintain control and reduce over-wintering pressure. Do not apply oil to sensitive varieties.
APPLES	Apple Aphid eggs, Codling Moth*, European Fruit Lecanium Scale, European Red Mite eggs, Forbes Scale, Olive Scale, Rosy Apple Aphid eggs, San Jose Scale	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 3-8 gals. per acre.	DORMANT/DELAYED DORMANT TO ½ INCH GREEN Codling Moth: Use to control first generation early instar stages only.
	Apple Red Bug, European Red Mite, Fruit Tree Leafroller, Scurfy Scale	Dilute Spray: Use 1-3 gals. per 100 gals. of water. Concentrate Spray: Use 3-12 gals. per acre.	DORMANT/DELAYED DORMANT TO ½ INCH GREEN European Red Mite: Delayed dormant preferred
	Powdery Mildew	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 3-12 gals. per acre.	Apply at tight cluster and continue every 10-14 days through second cover spray. Use the highest specified rates and a 10-day application interval when disease conditions are severe.
	European Red Mite, Fruit Tree Leafroller*, Leafhopper*, Pacific Red Mite, Rosy Apple Aphid*, San Jose Scale crawler, Two-spotted Spider Mite	Dilute Spray: Use 0.25-1.5 gals. per 100 gals. of water. Concentrate Spray: Do not exceed more than 1.5 gals. per acre per application.	FOLIAR - Post Bloom Apply every 10-14 days depending on level of pest pressure. Post harvest sprays may be made to maintain control and reduce over-wintering pressure. Do not apply oil to sensitive varieties.
AVOCADOS	Avocado Brown Mite, Persea Mite, Thrips	Dilute Spray: Use 0.5-1 gal. per 100 gals. of water with thorough coverage at 400-3000 gals. of water per acre. Concentrate Spray: Use 4-15 gals. per acre in a minimum of 50 gals. of water per acre.	California: Consult with your local University of California Cooperative Extension Service for proper timing and application parameters.

*Crop or pest not approved in California.

FRUIT AND NUT CROPS and OTHER LISTED PERENNIAL CROPS			
CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
BANANAS, PLANTAINS	Black Leaf Streak, Black Sigatoka, Yellow Sigatoka	Use 0.5-1.5 gals. in 20-100 gals. of water per acre. Mist Blower: Use 1.5 gals. in 6 gals. of water per acre.	Begin application when disease first appears and continue every 10-15 days during rainy periods or as needed. Do not apply when daytime temperatures exceed 80° F as injury may occur. Phytotoxicity may be affected by the quantity of oil used, vigor of trees and temperature at the time of application. Bag fruits, or use a directed spray on unbagged fruits. Bagged fruit improves crop safety whereas unbagged fruit may show phytotoxicity. This application is also effective in loosening Sooty Mold Fungus and in preventing its formation by the control of Aphids, Mealybugs, Scales and Whiteflies.
BLACKBERRIES, BLUEBERRIES*, BUSHBERRIES*, CANEBERRIES, RASPBERRIES	Aphids*, Mealybugs*, Mites, Powdery Mildew, Rust, Sawfly eggs*, Scales*, Whiteflies*	Dilute Spray: Use 0.75-1.5 gals. per 100 gals. of water. Concentrate Spray: Use 1.5 - 3 gals. per acre.	Using ground equipment, spray for optimum coverage of leaf surfaces. For fungal diseases use at least 200 psi spray pressure.
COFFEE	Green Scale	Concentrate Spray: Use 3-6 gals. per acre. Use only water as a diluent.	Apply when insects appear and treat as necessary at 30-60 day intervals. Do not exceed 18 gals. of oil per acre in a growing season. Do not apply within 30 days of harvest when berries are handpicked. Oil residues make picking difficult.
FIGS	Fig Scale	Dilute Spray: Use 1-3 gals. per 100 gals. of water.	DORMANT/DELAYED DORMANT
	Mealybug, Mites, Scale	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 2 - 6 gals. per acre.	FOLIAR
GRAPES	Botrytis, Leafhopper*, Mealybug, Mites, Powdery Mildew, Whiteflies*	Use 0.5 - 2 gals. per acre depending on pest pressure.	DORMANT AND FOLIAR Using ground equipment, spray for optimum coverage of leaf surfaces. Repeat sprays every 10-14 days. Do not tank-mix oil and copper more than once/season. Do not use copper and oil together with fruit present. For Powdery Mildew: Make first application pre-bloom and continue every 10 days to 3 weeks depending on level of disease pressure. Use 2 gals. of product per acre at 10-day intervals when disease conditions are severe. For Botrytis Bunch Rot: Initiate sprays at bloom and repeat prior to bunch closing and véraison. Final application at harvest if needed. Use 2 gals. of product per acre when disease conditions are severe. For Table Grapes: Oil will remove the bloom on grapes. Do not spray table grapes within 2 weeks of harvest.
KIWI	Greedy Scale, Latania Scale, Oleander Scale, San Jose Scale	Concentrate Spray: Use 4-6 gals. per acre	Do not apply after budbreak. Do not use on weak or stressed vines, or where soil moisture is inadequate. Use 6 gallon rate when scale populations are high.
MANGO	Mites	Concentrate Spray: Use 1-1.5 gals. per acre	Apply every 2-3 weeks as necessary depending on level of pest pressure.
	Powdery Mildew		Begin application before bloom. Repeat at bloom and every 2-3 weeks as necessary.

*Crop or pest not approved in California.

FRUIT AND NUT CROPS and OTHER LISTED PERENNIAL CROPS

CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
OLIVES	Black Scale, Oleander Scale, Olive (Parlatoria) Scale	Use 1-1.5 gals. per 100 gals. of water at 400-1500 gals. of water per acre.	POSTBLOOM AND POST HARVEST
	Mites	Use 1.5 gals. per 100 gals. of water at 400-1500 gals. of water per acre.	PREBLOOM TO POSTBLOOM BUCKSHOT
PAPAYA	Mites, Papaya Ringspot Virus, Powdery Mildew	Concentrate Spray: Use 0.75-1.5 gals. per acre.	For Powdery Mildew/Mites: Spray every 10-14 days depending on the level of pest pressure. For Virus: Initiate spray when seeds are germinated. Spray weekly using 400 psi spray pressure and ceramic hollow cone nozzles.
PEARS	Codling Moth*, European Fruit Lecanium Scale, European Red Mite eggs, Olive Scale, Pear Psylla, San Jose Scale	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 3-8 gals. per acre.	DORMANT/DELAYED DORMANT (up to and including petal fall) Pear Psylla: Apply before eggs are laid. Codling Moth: Use to control first generation early instar stages only.
	Fruit Tree Leafroller, Pear Leaf Blister Mite	Dilute Spray: Use 1-3 gals. per 100 gals. of water. Concentrate Spray: Use 3-12 gals. per acre.	DORMANT/ DELAYED DORMANT (up to and including petal fall)
	Powdery Mildew*	Dilute Spray: Use 1-2 gals. per 100 gals. of water. Concentrate Spray: Use 3-12 gals. per acre.	Apply at bud burst and continue every 10-14 days. Use the highest specified rates and a 10-day application interval when disease conditions are severe.
	European Red Mite, San Jose Scale crawlers, Italian Pear Scale crawlers*, Leafhopper*, Pacific Red Mite, Pear Psylla, San Jose Scale crawlers, Two-spotted Spider Mite	Dilute Spray: Use 0.25-1.5 gals. of 100 gals. of water. Concentrate Spray: Do not exceed more than 1.5 gals. per acre per application.	FOLIAR - Post Bloom Do not exceed more than 1.5 gals. of oil per acre per application for SUMMER treatments. Post harvest applications may be made to maintain control and reduce over-wintering inoculum. Do not apply oil to sensitive varieties.
PECANS	Aphid eggs, Mite eggs, Scale	Dilute Spray: Use 2-3 gals. per 100 gals. of water. Concentrate Spray: Use 6-8 gals. per acre.	Apply from dormancy until buds first break. Use the lowest specified rate of product when trees are in a weakened condition.
PINEAPPLE	Bud Moth, Chinese Rose Beetle, Mealybugs	Spray - Use 1-2 gals. per 100 gals. of water. Dip - Use 1-2 gals. in 100 gals. of water. Dip for 30 seconds.	Allow fruit to dry for 1 hour before being stored.

*Crop or pest not approved in California.

FRUIT AND NUT CROPS and OTHER LISTED PERENNIAL CROPS

CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
PLUMS, PRUNES	Aphid eggs, Black Scale, Brown Mite eggs, European Fruit Lecanium Scale, European Red Mite eggs, Frosted Scale, Fruit Tree Leafroller eggs, Olive Scale, San Jose Scale, Tent Caterpillar eggs*	Dilute Spray: Use 1-3 gals. per 100 gals. of water. Concentrate Spray: Use 6-8 gals. per acre.	DORMANT/DELAYED DORMANT TO GREEN TIP Preferred times of application for European Fruit Lecanium Scale and European Red Mite eggs are Green Tip to Delayed Dormant, and for San Jose Scale are Dormant, Delayed Dormant to Green Tip.
	Cottony Peach Scale, Terrapin Scale	Dilute Spray: Use 2-3 gals. per 100 gals. of water. Concentrate Spray: Use 8-12 gals. per acre.	DORMANT/DELAYED DORMANT TO GREEN TIP
	Brown Mite, European Red Mite, Pacific Mite, Two-spotted Spider Mite	Dilute Spray: Use 0.5-1.5 gals. per 100 gals. of water. Concentrate Spray: Do not use more than 4 gals. per acre.	FOLIAR Some varieties of plums and prunes may be injured by oil sprays. Check for tolerance prior to treatment. Do not apply to trees lacking moisture. Post harvest sprays may be made to maintain control and reduce over-wintering pressure. Do not apply oil to sensitive varieties. Oil may remove waxy bloom.
POMEGRANATE	Aphid eggs, Black Scale, Brown Scale, European Red Mite eggs, Frosted Scale, Mealy Bugs, Olive Scale, San Jose Scale, Soft Scale	Use 2-3 gals. per 100 gals. of water at 50-300 gals. of water per acre.	DORMANT/DELAYED DORMANT Apply during winter when leaves are not present.
	Aphids, Mealy Bugs, Powdery Mildew*, Scale crawlers*, Spider Mites, Whiteflies	Use 1-3 gals. per 100 gals. of water at 50-300 gals. of water per acre.	FOLIAR Spray every 2-3 weeks depending on pest pressure.
STRAWBERRIES	Aphids*, Botrytis, Leafminers*, Mites, Powdery Mildew, Sawfly*, Scale, Whiteflies	Use 0.75-1.5 gals. per 100 gals. of water at 100-200 gals. of water per acre.	Spray at no less than 400 psi using ceramic spray nozzles.
WALNUTS	Black Scale, Calico Scale, European Fruit Lecanium Scale, European Red Mite eggs, Frosted Scale, Olive Scale, San Jose Scale, Walnut Aphid eggs	Use 4-6 gals. per acre at 200-500 gals. of water per acre.	DELAYED DORMANT Use only on trees that have not suffered from lack of moisture at anytime during the growing season. Trees must be fully dormant. Do not apply to orchards where soil moisture is low. Do not apply after husk split.
	Soft Scales, Spider Mites	Use 4-6 gals. per acre at 200-500 gals. of water per acre.	FOLIAR Do not apply after husk split. Do not spray oil sensitive varieties.

*Crop or pest not approved in California.

CITRUS (California Only)			
CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
GRAPEFRUIT, LEMONS, LIMES, ORANGES (Navel & Valencia), TANGELOS, TANGERINES Other citrus hybrids	Black Scale, Brown Scale, California Red Scale, Citricola Scale, Citrus Bud Mite, Citrus Flat Mite, Citrus Red Mite, Citrus Rust Mite, Purple Scale, Red Scale, Soft Scale, Yellow Scale	Apply 0.5-1.5 gals. per 100 gals. of water as thorough coverage spray. Alternately, use a low volume spray to apply 1-10 gals. per acre. Apply up to 10 gals. per acre on fruit bearing trees up to 10 feet in height. Add 1 gal. per acre for each foot of tree height over 10 feet.	Central California, Lemons and Limes Make applications in all months except December through February. Southern California, Coastal Lemons and Limes Apply May and June and/or September through December. Southern California, Interior Lemons and Limes Apply in April and May and/or September through November. Grapefruit Make applications July through October. Navel Oranges Make applications July through September. Valencia Oranges, Tangelos, Tangerines and other citrus hybrids Make applications July through October. Oxnard Plains Area Make applications as needed throughout the year.

Thorough coverage spray:

Applications achieving a uniform film wetting of all portions of the tree at 250-2000 gals. of spray solution per acre. The total volume is dependent on the size of the trees. Maximum application rate for citrus is 212 pounds active ingredient per acre (maximum 2000 gallons of spray mix per acre) when treating citrus in California (based on thorough coverage spray, with 1.5 gals. of product mixed per 100 gals. of water).

Low-volume spray:

Applications with droplet depositions achieved on all interior and exterior parts of the tree using 10-100 gals. of spray solution per acre. Do not apply prior to or during a period of excessively high temperatures. Do not apply PureSpray GREEN when trees show stress.

Consult with your local University of California Cooperative Extension Specialist for proper timing and spray program.

CITRUS (Florida and Texas)			
CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
CITRONS, GRAPEFRUIT, LEMONS, LIMES, MANDARINS, ORANGES, TANGELOS, TANGERINES Other citrus hybrids	Bud Mites, Citrus Rust Mite, Flat Mites, Spider Mites	Use 5-10 gals. per acre. Apply as a dilute spray.	
	Black Soft Scale, Brown Soft Scale, Chaff Scale, Glover Scale, Purple Scale, Red Scale, Yellow Scale	Use 5-10 gals. per acre. Apply as a dilute spray.	Does not control Citrus Snow Scale.
	Blackfly, Whitefly	Use 5 gals. per acre. Apply as a dilute spray.	
	Greasy Spot (Grapefruit)		Tank-mix with sufficient copper fungicide to provide 4 lbs. per acre of metallic copper.
	Greasy Spot (all other varieties)	Use 5-10 gals. per acre. Apply as a dilute spray.	If disease pressure is severe, tank-mix 4 lbs. (metallic) copper per acre. Do not exceed 5 gals. oil if copper used.
Loosening sooty mold			Use 10-gallon rate when disease pressure is heavy.

Dilute spray:

Apply the PureSpray GREEN application rate in up to 1500 gals. of water per acre, or 10-12 gals. per tree, to over 15 gals. per tree for large trees. The maximum application rate is 159 pounds active ingredient per acre (maximum 1500 gallons of spray mix per acre) when treating citrus in Florida and Texas (based on dilute spray, with 1.5 gals. of product mixed per 100 gallons of water). Improved control can be obtained when PureSpray GREEN is added to a partially filled spray tank under proper agitation and all foliage is thoroughly covered.

Precautions in the use of oil include:

Do not apply oil spray when trees are wilting. Do not apply oil and sulfur within 3 weeks of each other in Florida or Texas. Oil spray applied after October 1 may increase susceptibility of trees to cold damage and may reduce the fruit crop the following year. Oil sprays applied in the fall may inhibit solids formation in the juice and retard coloring of fruit. Do not apply within 60 days of anticipated harvest. Sensitive foliage may be injured.

Florida growers consult the Florida Citrus Spray and Dust Schedule, or your Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your locale. Texas growers consult with your Agricultural Experiment Station or State Extension Specialist for complete details on the spraying program suited to your locale.

FIELD CROPS			
CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
ALFALFA (Seed Crop Only)*	Spider Mites	Use 0.25 gals. per acre in a minimum of 20 gals. water per acre.	Use only in combination with a miticide labeled for use on alfalfa. Use 0.25 gals. of oil per acre in 20-30 gals. of water when used in combination with miticides that are labeled for use with oil. Follow the label rates of the miticide.
CORN (Sweet & Field)	Aphids, Armyworm, Cercospora Leaf Spot*, Corn Earworm, Leafhopper*, Leafminers, Mites, Rootworm, Whitefly	Use 1-2 gals. per acre in a minimum of 10 gals. of water per acre.	Use ground equipment. Spray for optimum coverage of leaf surfaces.
SUGAR BEETS	Aphids, Armyworm, Cercospora Leaf Spot*, Corn Earworm, Leafhopper*, Leafminers, Mites, Rootworm, Whitefly	Use 2 gals. per acre in a minimum of 10 gals. of water per acre.	Use ground equipment. Spray for optimum coverage of leaf surfaces.
COTTON*, TOBACCO*	Aphids, Beetle Larvae, Cercospora, Corn Rootworm, Earworm, Fall Armyworm, Leafhopper, Leafminers, Mites, Thrips, Whitefly	Use 0.75-1.0 gals. per acre in a minimum of 10 gals. of water per acre.	For heavy pest pressure on tobacco, application rate can be increased to 2 gals. per acre.
GRASSES GROWN FOR SEED* - Bluegrass, Fescues, Orchardgrass, Perennial Ryegrass	Mites, Powdery Mildew, Rust	Use 1-2 gals. per acre in a minimum of 10 gals. of water per acre.	Initiate sprays in late spring, or early fall when powdery mildew and rust pustules are noticeable. Continue sprays every 14-21 days.
HOPS*	Aphids, Mites, Powdery Mildew, Whiteflies	Use 1-2 gals. per acre in a minimum of 20-50 gals. of water per acre.	For powdery mildew: Initiate sprays at early leaf stage. Continue sprays every 10-14 days. Mite control will be effective under the same spray interval as powdery mildew sprays. Discontinue sprays at burr development.

*Crop or pest not approved in California.

VEGETABLE CROPS

CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
ASPARAGUS, BALSAM APPLE, BALSAM PEAR, BEANS (including Garbanzo Beans), BEETS, BITTER MELON, BROCCOLI RAAB, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CABBAGE (Gai Choy), CANTALOUPE, CASABA, CAULIFLOWER, CAVALO BROCCOLI, CELERY, CHAYOTE, CHINESE BROCCOLI, CHINESE CABBAGE (Bok Choy and Napa), CHINESE CUCUMBER, CHINESE MUSTARD CHINESE OKRA, CHINESE WAXGOURD, CITRON MELON, COLLARDS, CRENSHAW MELON, CUCUMBER, CUCUZZA, DASHEEN (Taro)*, EGGPLANT, GHERKIN, GINGER* GINSENG* GOLDEN PERSHAW MELON, HECHIMA, HERBS AND SPICES* (Curly Leaf Basil, Lemon Balm), HONEY BALLS, HONEYDEW MELON, HYOTAN, JAPANESE RADISH (Daikon)*, KALE, KOHLRABI, LETTUCE, MANGO MELON, MIZUNA, MUSTARD GREENS, MUSTARD SPINACH, OKRA* PEAS* PEPPERS, PERSIAN MELON, POTATOES, PUMPKIN, RADISH, RAPE GREENS, SUMMER SQUASH, SWEET POTATOES, TRUE CANTALOUPE, WATERMELON, WINTER SQUASH	Alternaria Leafspot, Aphids, Beetle Larvae, Caterpillars, Cucumber Mosaic Virus, Gummy Stem Blight, Leafhopper, Leafminers, Mites, Papaya Ringspot Virus, Pepper Mottle Virus, Potato Leafroll Virus, Potato Virus Y, Powdery Mildew, Rust, Thrips, Tobacco Etch Virus, Watermelon Mosaic Virus 2, Whitefly, Zucchini Yellow Mosaic Virus	Use 0.75-1.5 gals. per acre in 20-50 gals. of water.	When using PureSpray GREEN to control insect-transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles, and spray once or twice weekly depending on the rapid growth of the crop.

*Crop or pest not approved in California.

VEGETABLE CROPS

CROP	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
GARLIC* , LEEKs* , ONIONS* (Dry Bulb and Green), SHALLOTS*	Flower Thrips, Leaf Miner flies, Onion Maggot flies, Onion Thrips, Seedcorn Maggot flies, Western Flower Thrips	Use 0.5 - 1.5 gals. per acre in a minimum of 20-50 gals. of water per acre.	Make applications when pests appear and repeat as necessary to maintain control. This product may be used with other registered insecticides, such as pyrethroids, to improve control of thrips. Follow all label precautions and directions for use on other registered insecticides.
CHINESE ARTICHOKE* (Japanese Artichoke), CILANTRO* , HERBS AND SPICES* (Mexican Oregano, Mint)	Alternaria Leafspot, Aphids, Mites, Beetle Larvae, Caterpillars, Cucumber Mosaic Virus, Etch Virus, Gummy Stem Blight, Leafhopper, Leafminers, Papaya Ringspot Virus, Pepper Mottle Virus, Pepper Psyllids, Potato Leafroll Virus, Potato Virus Y, Tobacco Powdery Mildew, Rust, Thrips, Watermelon Mosaic Virus 2, Whitefly, Zucchini Yellow Mosaic Virus	Use 1-2 gals. per acre in a minimum of 20-50 gals. of water.	When using PureSpray GREEN to control insect-transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles, and spray once or twice weekly depending on the rapid growth of the crop.
TOMATOES	Alternaria Leafspot, Aphids, Army Worm*, Beetle Larvae, Cucumber Mosaic Virus*, Fruit Worm*, Gummy Stem Blight, Horn Worm*, Leafhopper, Leafminers, Lygus Bug*, Mites, Papaya Ringspot Virus*, Pepper Mottle Virus*, Potato Leafroll Virus*, Potato Virus Y*, Powdery Mildew, Rust, Stink Bug*, Thrips, Tobacco Etch Virus*, Watermelon Mosaic Virus 2*, Tomato Pin Worm*, Tomato Psyllid*, Whitefly, Zucchini Yellow Mosaic Virus*	Use 0.75-1.5 gals. per 100 gals. of water at 20-150 gals. of water per acre.	When using PureSpray GREEN to control insect-transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles, and spray once or twice weekly depending on the rapid growth of the crop.

*Crop or pest not approved in California.

NON-BEARING FRUIT TREES			
PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
APPLE*, CHERRY*, PEACH*, PEAR*	Mites	Dilute Spray: Use 1-2 gals. per 100 gals. of water.	Apply every 10-14 days.
	Powdery Mildew	Dilute Spray: Use 1-2 gals. per 100 gals. of water.	Spray before disease first appears. Apply every 10-14 days.

COMMERCIAL TREES			
PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
CHRISTMAS TREES **	Adelgids, Aphids, Scale (soft & hard) (immature), Spider Mites	Dilute Spray: Use 1.5-2.5 gals. per 100 gals. of water.	WINTER DORMANT Use 1.5 gals of oil per 100 gals. on sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir
		Dilute Spray: Use 0.5-1.5 gals. per 100 gals. of water.	FOLIAR Use 0.5 gals of oil per 100 gals. on sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir

** This product removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce.

ORNAMENTALS			
PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
FLOWERING AND FOLIAGE PLANTS INCLUDING ROSES AND OTHER FLOWERING SHRUBS	Adelgids, Aphids, Blackspot, Eriophyid Mites, Gall Mites, Honey Locust Plant Bug, Lace Bug, Leaf Beetle Larvae, Leafminer (non-larvae), Leafrollers, Mealybugs, Powdery Mildew, Psyllids (immature), Red Mites, Sawfly (larvae), Scales (immature), Spider Mites, Webworms, Whiteflies, Young larvae/ Caterpillars	Use 2-3 gals. per 100 gals. of water in 100-250 gals. of water per acre.	DORMANT Do not spray during flowering.
		Use 0.75-2 gals. per 100 gals. of water at 100-250 gals. of water per acre.	FOLIAR For blackspot and powdery mildew control during the summer do not exceed 1.5 gals. of oil per 100 gals. of water. Do not spray during flowering.
FOLIAGE ORNAMENTALS & BEDDING PLANTS	Adelgids, Aphids	Use 2-3 gals. per 100 gals. of water in 50-150 gals. of water per acre.	DORMANT
		Use 0.75-2 gals. per 100 gals. of water per acre.	FOLIAR Determine application safety during bloom period for each individual species of plant to be treated by conducting a small test. Do not spray during flowering.

*Crop or pest not approved in California.

ORNAMENTALS

PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
SHADE TREES** , ORNAMENTAL TREES** , SHRUBS (INCLUDING CONIFERS, DECIDUOUS AND BROADLEAF EVERGREENS & WOODY ORNAMENTALS)	Adelgids, Aphids, Black Spot, Eriophyid Mites, Gall Mites, Hemlock Wooly Adelgids, Honey Locust Plant Bug, Lace Bug, Leaf Beetle Larvae, Leafminer (non-larvae), Leafrollers, Mealybugs, Powdery Mildew (on crepe myrtle), Psyllids (immature), Red Mites, Sawfly (larvae), Scales (immature), Spider Mites, Webworms, Whiteflies, Young larvae/ Caterpillars	Use 2-3 gals. per 100 gals. of water at 100-500 gals. of water per acre.	DORMANT Use a 2-week application interval. Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress. For fall dormant applications, reduce rate to 2 gals. oil per 100 gals. water and limit use only to: American Red Oak, Japanese Black Pine, Dogwood, Weeping Cherry, Cornelian Cherry, Crabapple, Norway Maple, Purple Plum. NOTE: This product may cause discoloration of Blue Spruce. Do not use on conifers or ferns not tolerant to oil sprays (e.g. Alberta Dwarf Spruce). Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir Do not spray during flowering.
		Use 0.75-2 gals. per 100 gals. of water in 100-500 gals. of water per acre.	FOLIAR Blackspot and Powdery Mildew: During the summer do not exceed 2 gals. of oil per 100 gals. of water. Use a 2-week application interval. Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress. NOTE: This product may cause discoloration of Blue Spruce. Do not use on conifers or ferns not tolerant to oil sprays (e.g. Alberta Dwarf Spruce). Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir Do not spray during flowering.

** This product removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce.

GREENHOUSES AND CONTAINERS AND INTERIOSCAPES

Frequency of Application: For the pests listed, use once a week initially, and then as the pest is controlled, decrease the frequency to every 2-3 weeks as needed. Determine application safety during bloom period for each individual species of plant to be treated by conducting a small test.

Some plants are more sensitive to oil treatments if any of the following conditions are present when application is made: High humidity (74%), an overcast or cloudy day, inadequate air flow, a small greenhouse where the sunlight is magnified causing a fast build-up of temperature and light intensity.

GREENHOUSES AND CONTAINERS AND INTERIOSCAPES

PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
AGERATUM, CROWN OF THORNS, DIEFFENBACHIA, FERNS, FICUS, LISIANTHUS, ORCHID, PALMS, PETUNIA, POINSETTIA, SCHEFFLERA, SUNFLOWER	Aphids, Fungus Gnats, Leafminers, Mealybugs, Scales (soft & hard), Spider Mites, Thrips, Whitefly	Use 0.5-1 gals. per 100 gals. of water in 100-200 gals of water per acre.	FOLIAR Due to varietal differences in response to a treatment of this product at the labeled rate, conduct a small test on 1 or 2 plants of the specific variety to be treated.

GREENHOUSES AND CONTAINERS AND INTERIORSCAPES

PLANT	PESTS	APPLICATION RATE of PureSpray GREEN	COMMENTS
AGLAONEMA, ASTER, AZALEAS, BEGONIAS, BROWALLIA, CAMELLIAS, CARNATION, CELOSIA, CHRYSANTHEMUM, COLEUS, COSMOS, CREPE MYRTLE, DUSTY MILLER, EASTER LILIES, FUCHSIA, GARDENIAS, GERBERA, HELICHRYSUM, HIBISCUS FOLIAGE, HYDRANGEA, IMPATIENS, JADE PLANT, MARIGOLD, NEW GUINEA IMPATIENS, NICOTONIA, PHILODENDRON, PORTULACA, REIGER BEGONIAS, SNAPDRAGON, ZINNIAS	Aphids, Fungus Gnats, Leafminers, Mealybugs, Powdery Mildew* Scales (soft & hard), Spider Mites, Thrips, Whitefly	Use 1-2 gals. per 100 gals. of water at 100-200 gals. of water per acre.	FOLIAR Due to varietal differences in response to a treatment of this product at the labeled rate, conduct a small test on 1 or 2 plants of the specific variety to be treated.
LEAF POLISH FOR HARDY PLANTS		Use 1 gal. per 100 gals. of water.	FOLIAR Wipe upper and lower sides of leaf until fully covered.

*Crop or pest not approved in California.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

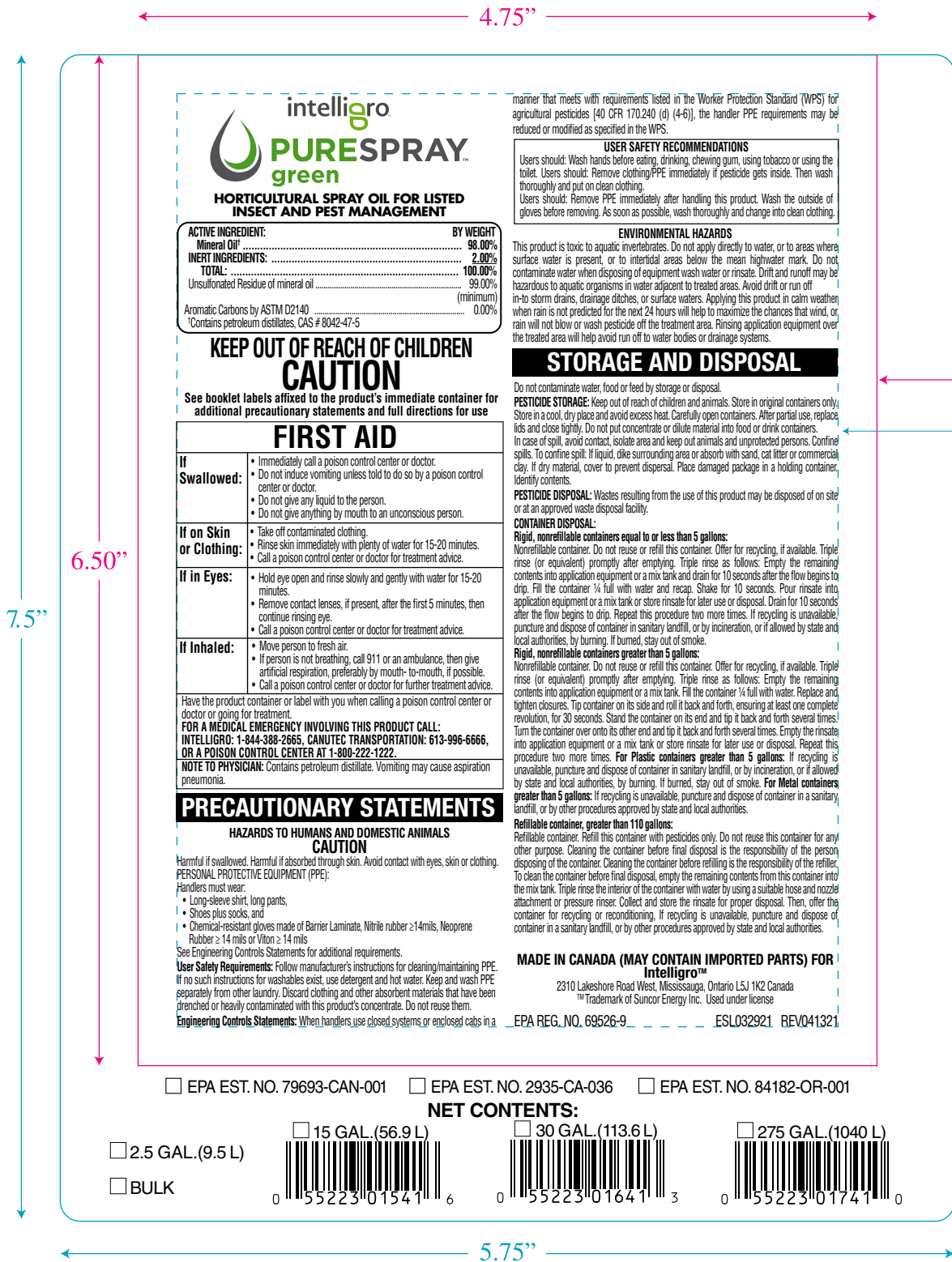
It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Intelligro, the manufacturer or seller. All such risks shall be assumed by the buyer.

To the extent permitted by applicable law neither Intelligro, the manufacturer, or seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as provided by applicable laws or except as warranted by this label, Intelligro, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Except as provided by applicable laws, buyer's or user's exclusive remedy, and Intelligro's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) FOR INTELLIGRO

2310 LAKESHORE ROAD WEST, MISSISSAUGA, ONTARIO, CANADA L5J 1K2

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intelligro
PURESpray™
green
HORTICULTURAL SPRAY OIL FOR LISTED
INSECT AND PEST MANAGEMENT

ACTIVE INGREDIENT:	BY WEIGHT
Mineral Oil	98.00%
INERT INGREDIENTS:	2.00%
TOTAL:	100.00%
Unsulfonated Residue of mineral oil	99.00% (minimum)
Aromatic Carbons by ASTM D2140	0.00%
*Contains petroleum distillates, CAS #8042-47-5	

KEEP OUT OF REACH OF CHILDREN
CAUTION

See booklet labels affixed to the product's immediate container for additional precautionary statements and full directions for use

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> 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 on Skin or Clothing:	<ul style="list-style-type: none"> 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 in Eyes:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
INTELLIGRO: 1-844-388-2665, CANUTEQ TRANSPORTATION: 613-996-6666,
OR A POISON CONTROL CENTER AT 1-800-222-1222.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.
PERSONAL PROTECTIVE EQUIPMENT (PPE):
 Handlers must wear:
 • Long-sleeve shirt, long pants,
 • Shoes plus socks, and
 • Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥14mils, Neoprene Rubber ≥ 14 mils or Viton ≥ 14 mils
 See Engineering Controls Statements for additional requirements.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
Engineering Controls Statements: When handlers use closed systems or enclosed cabs in a

manner that meets with 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.

USER SAFETY RECOMMENDATIONS
 Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should: Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 Users should: Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
 This product is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Avoid drift or run off in-to storm drains, drainage ditches, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to maximize the chances that wind, or rain will not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container, identify contents.
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:
Rigid, nonrefillable containers equal to or less than 5 gallons:
 Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Rigid, nonrefillable containers greater than 5 gallons:
 Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. For plastic containers greater than 5 gallons: If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. For metal containers greater than 5 gallons: If recycling is unavailable, puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

Refillable container, greater than 110 gallons:
 Refillable container. Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into the mix tank. Triple rinse the interior of the container with water by using a suitable hose and nozzle attachment or pressure rinsers. Collect and store the rinsate for proper disposal. Then, offer the container for recycling or reconditioning. If recycling is unavailable, puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

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EPA EST. NO. 79693-CAN-001 EPA EST. NO. 2935-CA-036 EPA EST. NO. 84182-OR-001

NET CONTENTS:

2.5 GAL. (9.5 L) 15 GAL. (56.9 L) 30 GAL. (113.6 L) 275 GAL. (1040 L)

BULK

65 DAWSON CRESCENT,
 GEORGETOWN, ONTARIO
 L7G 1H3
 TEL. (905) 702-7881
 FAX. (905) 877-8122

CLIENT: PETRO-CANADA
 SUBJECT: PURESpray OIL GREEN ONSERT LABEL (US)
 ARTWORK NUMBER: 641001/8
 REPLACES: 641001/7

LAST REVISION DATE: JUNE 1/15 (COPY REVISIONS), JULY 3/2015 (COPY REVISIONS), JULY 9/2015 (COPY REVISIONS), JULY 30/2015 (COPY REVISIONS), AUGUST 24/2015 (COPY REVISIONS), JUNE 12/2017 (NEW LOGO FOR FRONT PAGE AND NEW COPY), JUNE 13/2017 (COPY REVISIONS), JUNE 26/2017 (COPY REVISIONS & REVISE FRONT COVER PAGE.), JULY 19/2017 (COPY REVISIONS), SEPT 14/2017 (COPY REVISIONS), NOV 8/2017 (REVISE INTELLIGRO PHONE NUMBER), DEC. 13/2017 (ADD 15 GAL [56.9L], OCT 31/2018 (ADD AERIAL APPLICATION), MARCH 31/2021 (UPDATE TO LATEST US EPA APPROVED COPY), APRIL 5/2021 (ADD BARCODES).

PRINTED ON:
 SIZE: 4.75" X 6.5" (ONSERT), 5.75" X 7.5" (BASE)

BARCODES:
 15G - 0 55223 01541 6
 30G - 0 55223 01641 3
 375G - 055223 01741 0

COLOURS

Cyan Magenta Yellow Black

Folded Onsert
 Maximum size area
 for label graphics (under Onsert)