

2015-1069
2015-04-17

PureSpray GREEN™ Concentrate
Solution

For control of scale insects, pear psylla, spider mites, red mites, mealybugs and whitefly nymphs on fruit trees, rutabagas, blueberries, and ornamental trees and shrubs

For suppression of powdery mildew on apples, grapes, cherry, peach plum, apricot and nectarines and feeding deterrence of aphids that can spread plum pox virus on peaches, apricots, plums and cherries.

INSECTICIDE
FUNGICIDE

DOMESTIC
ACTIVE INGREDIENT:
Mineral oil 99%

REGISTRATION NO. 30227
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS 250 mL – 1 Litre

Intelligro
2310 Lakeshore Rd West
Mississauga, ON
L5J 1K2
1-844-388-2665

[alternate copy]
[For PSG Concentrate 0.95L bottle]
[VALUE SIZE!]
[Makes up to 47L of Finished Spray. †]
[†Spray as per rates on label]
[Just Mix and Spray]

[What's bugging your garden?]

DIRECTIONS FOR USE: PureSpray GREEN™ Concentrate controls listed insect and mite pests attacking apples, pears, peaches, apricots, plums, blueberries, rutabagas, sour cherries and Ornamentals.

For suppression of powdery mildew on apples, grapes, cherry, peach plum, apricot and nectarines and feeding deterrence of aphids that can spread plum pox virus on peaches, apricots, plums and cherries.

For effective control, thorough coverage is essential. Avoid overspraying.

Do not apply just prior to or during freezing temperatures or rain. Allow 24 hours to elapse between application of PureSpray GREEN™ Concentrate and another insecticide.

DO NOT apply to any body of water.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

PureSpray GREEN™ Concentrate should be applied using a hose end or pressurized hand sprayer.

Make sure to calibrate hose end sprayer properly to achieve proper rate and coverage.

Crop	Insect or mite species	mL of PureSpray GREEN™ Concentrate per 5 litres of water	Timing of application & comments
Apples	Scale insects	100	Apply when trees are dormant. Warning: May cause bark damage on Red Delicious Apple, Empire and Mutsu.
	European Red Mite	100	
Peaches	Scale insects	100	Apply when trees are dormant. Note: Only one application per season
	European Red Mite	100	
Pears	Scale insects	100	Apply when trees are dormant.
	European Red Mite	100	

	Pear Psylla	100	
Plums	European Red Mite	100	Apply when trees are dormant.
	Scale insects	100	
Sour cherry	European Red Mite	100	Apply when trees are dormant.
Apricots	European Red Mite	100	Apply when trees are dormant.
Highbush blueberries	Lecanium Scale	100	One application per year; ground application only; apply as dormant spray in late winter.
Rutabagas	Deter feeding of Aphids which spread Turnip Mosaic Virus	50	Spray at one week intervals beginning at the first appearance of aphids or when monitoring indicates that aphid populations warrant control. Do not apply closer than 21 days to harvest. Spray in the early morning or evening.

SUMMER SPRAY:

Insects suppressed by PURESPRAY GREEN CONCENTRATE in Apples and Pears:

Suppression of European Red Mites.

Diseases suppressed by PURESPRAY GREEN CONCENTRATE in Apples: Suppression of Powdery Mildew.

For effective control, thorough coverage is essential. Avoid overspraying.

DO NOT EXCEED RECOMMENDED SUMMER SPRAY CONCENTRATION AS PLANT INJURY MAY RESULT.

CROP	PEST	mL of PureSpray GREEN™ Concentrate per 5 litres of water	Timing of application & comments
APPLES , PEARS	Suppression of European Red Mite	50	Begin applications when mites first appear Apply every 10-14 days depending upon the level of pest pressure. Post harvesting sprays may be made to reduce over-wintering pressure. For apples and pears do not use oil within 14 days before or after captan fungicide.
APPLES	Suppression of Powdery Mildew (<i>Podosphaera leucotricha</i>)	50	Apply at tight cluster and continue every 10-14 days until post bloom. Use the shorter spray interval when disease conditions are severe

Additional Information for Apple and Pear:

- **Note for summer sprays: Since not all pome fruit varieties have been tested for tolerance to PURESPRAY GREEN CONCENTRATE, first application of the product should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice.**
- **Note for Pome Fruit: Do not use oil within 14 days before or after captan fungicide.**
- **See also “Use Precautions” and “Compatibility” sections below.**

GRAPES	Suppression of mites and powdery mildew (<i>Uncinula necator</i>)	50	<p>Mites: Begin applications when mites first appear. Apply every 10-14 days depending upon the level of pest pressure. Thorough coverage is essential.</p> <p>Powdery Mildew: Make the first application pre-bloom and continue every 10-21 days depending on the level of disease pressure. Use the shorter spray interval when disease conditions are severe. Do not apply closer than 14 days to harvest for grapes. Oil will remove the bloom on grapes. Do not make simultaneous applications of oil and copper more than once per season. Do not use copper and oil together with fruit present. Do not use oil within 14 days before or after captan fungicide.</p>
<p>Additional Information for Grapes:</p> <ul style="list-style-type: none"> • Note for summer sprays: Since not all grape varieties have been tested for tolerance to PURESpray GREEN Spray Concentrate, first application of product should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. • See also “Use Precautions” and “Compatibility” sections below. 			
PLUMS, CHERRIES, APRICOTS PEACHES	Suppression of European Red Mite Deter the feeding of aphids which	50	Begin applications when mites and aphids first appear. Apply every 10-14 days

	spread Plum Pox Virus (PPV).		depending on level of pest pressure. Certain varieties of plums and prunes may be injured by oil sprays. Check for tolerance prior to treatment. Do not apply oil to sensitive varieties. Do not apply to trees lacking moisture. Post harvest sprays may be made to maintain control and reduce overwintering pressure. Oil may remove waxy bloom. Thorough coverage is essential.
PEACHES, PLUMS, APRICOTS And NECTARINES	Suppression of powdery mildew (<i>Podosphaera clandestine</i> , <i>Sphaerotheca pannosa</i>)	50	Begin applications two weeks after full bloom. Apply at 10-14 day intervals until terminal growth phase stops.
CHERRIES	Suppression of powdery mildew (<i>Podosphaera clandestine</i> , <i>Sphaerotheca pannosa</i>)	50	Begin applications two weeks after full bloom. Use up to pit hardening stage, Apply at 10-14 day intervals. Use shorter spray interval when disease conditions are severe. Postharvest applications may be made (to trees) to maintain control and reduce overwintering inoculums.

Additional Information for stone fruits:

- **Note for summer sprays: Since not all stone fruit varieties have been tested for tolerance to PURESPRAY SPRAY GREEN CONCENTRATE, first application of the product should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice.**
- **Do not use oil within 14 days before or after captan fungicide.**

- See also “Use Precautions” and “Compatibility” sections below.

For summer sprays not all pome fruit, stone fruit and grape varieties have been tested for tolerance to PURESpray SPRAY GREEN CONCENTRATE . Apply the listed rate to a small area of each variety and observe for any phytotoxic effects prior to adoption as a general field practice.

ORNAMENTALS

Precautions: Do not apply during periods of drought or when trees appear stressed. Do not use in combination with or closely following treatment with garden fungicides containing Captan, Folpet or sulphur. May cause bark damage to Red Delicious, Empire and Mutsu apple varieties.

DO NOT apply to the following plants:

Arborvitae, Beech, Butternut, Colorado Blue Spruce, Cocos palms, Douglas fir, Hickory, Holly, Japanese maple, Juniper, Maidenhair ferns, Sugar maple, Walnut, White Pine or Yew.

DO NOT apply on shrubs or trees other than the ones listed on this label.

Dormant Spray:

Apply as a dormant spray in early spring when most danger of freezing nights is over, BUT PRIOR TO LEAFBUD SWELL OR BREAK. Spray on a mild morning so that the trees will dry quickly after spraying. Never spray in the late afternoon or during freezing weather.

Ornamental plants, shade trees and shrubs	Pest	mL of PureSpray GREEN™ Concentrate per 5 Litres of water
Apple, Crabapple, Barberry, Hawthorne, Ash, Elm, Flowering Cherry & Plum, Honeylocust, Lilac, Maple (except Japanese and sugar), Mountain ash, Oak, Pachysandra, Pine (except White Pine), Spruce (except Colorado Blue), Tuliptree, Willow	Scale insects European Red Mite Spruce spider mite	100
Birch, Dogwood, Hawthorn, Holly, Privet, Sycamore	Scales (immature) Spider mites	50-150

SUMMER SPRAY:

Crop	Pest	mL of PureSpray GREEN™ Concentrate per 5 litres of water
Apple, Crabapple, Barberry, Hawthorne, Ash, Elm, Flowering Cherry & Plum, Honeylocust, Lilac, Maple (except Japanese and sugar), Mountain ash, Oak, Pachysandra, Pine (except White Pine), Spruce (except Colorado Blue), Tuliptree, Willow	Scale insects, red spider mites, mealybugs and whitefly nymphs	100

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Buffer Zones:

Use of the following spray methods or equipment DOES NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

ENVIRONMENTAL HAZARDS.

TOXIC to aquatic organisms.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

MIXING INSTRUCTIONS: Before mixing, be certain the spray container is clean. To mix, add half the water required and then add the required amount of PureSpray GREEN™ Concentrate. The mixture should turn white indicating good emulsification. After mixing, continue filling sprayer with the balance of the water.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

Handle with caution and apply and use only as recommended and at recommended rates. Wear a long-sleeved shirt, long pants, rubber gloves and shoes and socks during mixing, loading, application, clean-up and repair. Do not apply to areas occupied by unprotected humans or

domestic animals and do not allow to drift to such areas. Do not contaminate foodstuffs or feed and do not store with such consumables. Do not contaminate streams, ponds or lake or any irrigation water or water used for livestock or domestic purposes. CAUTION: This is a mineral oil product and may be flammable - keep away from fire, open flame and other sources of heat or lighted electric bulbs.

Do not enter or allow others to enter treated areas during the restricted-entry interval (REI) of 12 hours.

USE PRECAUTIONS:

DO NOT APPLY DURING PERIODS OF DROUGHT, WHEN PLANTS EXHIBIT MOISTURE STRESS AND JUST PRIOR TO OR DURING FREEZING WEATHER. Do not use in combination with dinitro compounds, fungicides such as Captan or Folpet, or any other product containing sulphur.

COMPATIBILITY:

Do not apply sulphur products within 10 days of an oil application and do not apply oil within 14 days of a sulphur product application. Do not apply permethrin within 14 days before or after application of this product.

FIRST AID

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre 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 centre or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

STORAGE: Keep container tightly closed and DO NOT allow water to be introduced to contents of this container. Do not store at temperatures below 0 C. Shake well prior to use. To prevent contamination store this product away from food or feed.

DISPOSAL:

DO NOT reuse the empty containers. Dispose in household garbage. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.