

argenfrut RI

Description

argenfrut RI is a fast breaking emulsifiable mineral oil of winter use specially formulated to efficiently control insects and mite in deciduous fruit trees and olive tree.

argenfrut RI acts by contact producing the death of the insect by suffocation.

Given its solving power on the chitin covering the spawning of the insects, it has a clear ovicide effect preventing in this way reinfections.

On the other hand, as it produces the death of the insect by suffocation, their natural predators are kept alive (eg. *Aphytis melinus*), achieving in this way a more efficient and economical control of common plagues, as is the biological control.

Application

For its characteristics **argenfrut RI** can be applied with high or low volume equipment, with working pressure no lower than 350 pounds/inch² and provided with agitators rotating at no less than 150 r.p.m. to keep the emulsion homogeneous during the whole application.

It is recommended for a completely successful use:

- Not to spray in excessively hot or low temperature periods (below 5° C). On hot days, preferably spray before 10 am or after 3pm. Also in this case it is advisable to do the applications at night.
- As long as the application lasts, the agitators should be kept constantly working at a constant pressure, to ensure the homogeneity of the emulsion.
- Not to spray when the plant suffers drought or any other severe stress.
- The minimum lapse of time between two applications of oil should be 30 days.
- The product does not need a grace period.
- Separate the application of oil from the one of Sulfur, calcium polysulfide or alike for a period of 4 weeks minimum.

Application data

CROP	DOSES	MOMENT OF APPLICATION
Deciduous fruit, stone fruit trees, pome fruit orchards and olive tree.	From 60 to 80 liters of product per hectare. When applied with high volume equipment, use from 2 to 3 liters of product every 100 liters of emulsion.	Application shall be done in winter, a little before bud-swelling. In case of new infestation, it is advisable to complete with a spring-summer spraying of 40 to 60 liters of product per hectare, when the fruit has approximately the size of a nut. When using high volume equipment, use from 1.25 to 1.5 liters per product per each 100 liters of emulsion.

Plagues controlled

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| <ul style="list-style-type: none"> ➤ Citrus rust mite (<i>Phyllocoptruta oleivorus</i>) ➤ Clover mite (<i>Beryobia praetiosa</i>) ➤ Cottony cushion scale (<i>Icerya purchasi</i>) ➤ Citrus snow scale (<i>Unaspis citri</i>) ➤ Mussel scale (<i>Mytilococcus beckii</i>) ➤ Ceroplastes grandis ➤ Lecanium scale (<i>Lecanium deltae</i>) ➤ Citrus mealybug (<i>Pseudococcus citri</i>) | <ul style="list-style-type: none"> ➤ Florida red scale (<i>Chrysomphalus aonidun</i>) ➤ Black scale (<i>Saissetia oleae</i>) ➤ California red scale (<i>Aonidiella aurantii</i>) ➤ Spanish red scale (<i>Chrysomphalus dictyospermi</i>) ➤ Woolly whitefly (<i>Aleurothrixus floccosus</i>) ➤ Black citrus aphid and cotton aphid (<i>Toxoptera aurantii</i> and <i>Aphis gossypii</i>) ➤ Thrips (<i>Frankliniella</i> spp) |
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NON TOXIC FOR BEES, WILD OR DOMESTIC ANIMALS OR FISH.

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SPECIFICATIONS

TEST	METHOD	SPECIFICATIONS		TIPICAL VALUE
		MIN	MAX	
COLOR	ASTM D-1500		0,5	< 0.5
API GRAVITY	ASTM D-1298			33,5
SPECIFIC GRAVITY @ 15° C, Kg/dm ³	ASTM D-4052			0,857
POUR POINT, °C	ASTM D-97			-18
POUNDS PER GALLON	ASTM D-1250			7.14
UNSULFONATED RESIDUE, %	ASTM D-483	95,0		> 95,0

SENASA REGISTER N° 31070