

Emamectin

- Abamectin ni kundi la avermectin
- Uua wadudu kwa kusababisha kupooza
- Ni bora Zaidi ikimezwa na mududu, lakini pia ni ufanisi kiasi Fulani kwa kuguza
- Inashusha katika masaa machache bila kujilimbikiza

Mmea	Wadudu	Kiwango:	Njia ya kutumia
Nyanya	<i>Caterpillars, Leafminers</i>	Nyunyiza: Mililita 400 kwa hektari kwa lita 100 ya maji (mililita 8 kwa lita 20 za maji)	Nyunyiza mara tu wadudu wakionekana. Rudia mara nne kwa msimu baada ya siku saba
Maharagwe	<i>Caterpillars,</i>		
Mau ya waridi	<i>Caterpillars, Thrips,</i>		

HUNYUNYIZWA KWA MATAWI: Hakikisha umeloweza matawi vizuri

WAKATI WA KUTUMIA:

Nyunyiza mara tu wadudu wakionekana. Rudia mara nne kwa msimu baada ya siku saba

MAANDALIZI YA MCHANGANYIKO WA DAWA

Jaza tanki hadi nusu kiwango cha maji inachopendekezwa. Ongeza kiwango cha Solaris kisha maji. Changanya mzuri. Tumia dawa siku hiyo hiyo ya maandalizi.

MANUFAA

- Dawa ya kipekee yenye viungo kazi mbili
- Hufanya kazi kwa kuguza na kwa kupenya tishu
- Inashusha katika masaa machache bila kujilimbikiza
- Kiwango cha chini cha matumizi
- Uwezekano wa chini ya wadudu kuzoea dawa
- Udhhibiti wadudu wengi
- Hutumika kwa aina nyingi ya mmea
- Ufyonzwa kwa urahisi katika tishu ya mimea na na wadudu wanaolengwa
- Haina madhara ikutumwa jinsi inavyofaa

Solaris 90SC

SUSPENSION CONCENTRATE

Insecticide for control of caterpillars in
Roses, Tomato & French beans



Caterpillar



Bollworm



Leafminer



Controls Lepidoptera & Leafminers



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INTRODUCTION:

SOLARIS 90 SC is an enhanced fast and effective insecticide with contact and stomach poison activity for broad spectrum control of chewing insect pests such as caterpillars in roses, french beans, tomatoes and leafminers in tomatoes.

MODE OF ACTION:

Indoxacarb:

- Indoxacarb is an Oxadiazine insecticide group.
- Acts by blocking the nerve sodium channels in the nervous system of the insect.
- Interferes with a group of ion channels by inhibiting the flow of sodium ions into the nerve cells.
- The flow of sodium ions is essential to nervous system functioning
- Disruption of these channels causes tremors, cessation of feeding, paralysis and death of insect pests.
- The larva nourishment ceases in a short time (2-8 hours) and then it dies.
- Group 22 Insecticide.
- Contact mode of action.

Abamectin

- Abamectin is an avermectin class insecticide developed for the control of leafminers and spidermites.
- Belong to group 6 chloride channel Activator
- They act on the Central and Peripheral Nerve System of pests resulting in paralysis and finally death
- Contact and stomach poison - works via direct contact via ingestion.
- It degrades in a few hours and does not bio-accumulate
- They mimic the GABA receptor, thus binding to the GABA receptors of the pests' nervous system

Crop	Pest	Foliar spray:	Method of application
Tomato	Caterpillars, Leafminers	400ml /ha in 100L of water (8ml/20L of water)	Apply as first signs of infestation or egg hatch peak period before 3rd instar larvae as a full cover spray. Repeat maximum 4 applications at a 7 day interval per season.
French beans	Caterpillars,		
Roses	Caterpillars, Thrips,		

APPLICATION TECHNIQUE:

SOLARIS 90 SC is foliar applied. Ensure adequate coverage of the crop foliage for best results.

APPLICATION TIMING: Apply SOLARIS 90 SC at first signs of infestation or egg hatch peak period, before the 3rd instar larvae and repeat applications at a 7day interval per season, on a regular scouting for successful control.

PREPARATION OF SPRAY MIXTURE: Fill spray tank with half the amount of required water. Add required amount of SOLARIS 90SC and fill the water to the required level. Agitate to ensure thorough mixing. Use the spray mixture on the same day of preparation.

BENEFITS

- Unique synergetic effect of two active ingredients - Broad spectrum of activities
- Contact and translaminar mode of action
- Acts as both contact and stomach insecticide with a good residual activity
- Low application rates /Less chemical load to the environment.
- Low pest resistance potential
- Suitable for use on a wide range of crops
- Easily absorbed in plant tissues and digested by the target pests

COMPATIBILITY:

SOLARIS 90 SC is compatible with most commonly used pesticides and liquid fertilizers. However, DO NOT tank mix with any product unless your own prior testing has shown that the combination is physically compatible, effective and non-injurious under your condition.

PHYTOTOXICITY: When used as recommended, SOLARIS 90 SC is not phytotoxic.

RE-ENTRY PERIOD: DO NOT enter treated areas during the restricted-entry interval of 6 hours. If entry is necessary, appropriate protective clothing should be worn.

PHI: 7 days

MAELEZO

Solaris ni dawa yenye ufanisi mkubwa na ufanya kazi kwa kuguza na pia ikimezwa na wadudu. Solaris udhibiti wadudu aina nyingi kama "caterpillars, leafminers, bollworms, webworms, budworms, leafworms, fall armyworms, thrips na spidermites" katika mazao tofauti

JINSI INAVYO FANYA KAZI

Indoxacarb ni kundi la Oxadiazine

- Hufanya kwa kuzuia njia za "sodium channels" kwa neva ya mdudu
- Huzuia mtiririko wa sodiamu kwenye seli za neva
- Mtiririko wa sodiamu ni muhimu kwa neva kufanya kazi
- Ukatizaji wa vituo hivi husababisha tetemeko, kusitishwa kwa ulishaji, kupooza na vifo vya wadudu waharibifu
- Malisho ya kiwuliwilu ni kwa muda mfupi (masaa 2-8) na kisha hufa kati ya masaa 24-60
- Kundi la 22 ya madawa
- Hufanya kwa kuguza