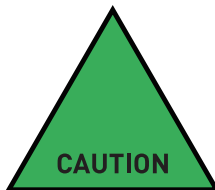


KASAVA 20 SL

Reg. No.:
25-D-6-3



CONTENTS:
5L

HARMFUL IF SWALLOWED

Composition:.....	mass/volume
Kasugamycin:	20 g/l
Inert ingredients:	980g/l

Chemical group: aminoglycosidic antibiotic

A soluble concentrate contact bactericide/fungicide for the control of a variety of diseases on fruiting vegetables such as tomatoes, potatoes, pome fruit and cabbage.

Manufactured by:
Shandong Weifang Rainbow Chemical Co., Ltd.
Binhai Economic Development Area, Weifang, Shandong, China
Tel: +86-531-88875222, 88875231

Distributed By:
Trowbar Enterprises (PVT) LTD, T/A MAGUIRES
196 Harare Drive, Borrowdale, Harare, Zimbabwe
+263 (0242) 852 131

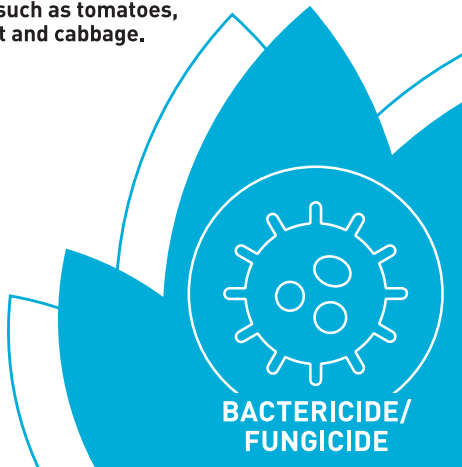
Shelf Life: At least 2 years if stored in a cool dry place in original unopened container.

Date of Manufacture:

Expiry Date:

Batch No.:

Rainbow
all about growing



**BACTERICIDE/
FUNGICIDE**

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

PRECAUTIONS

1. Handle with care. Avoid splashing and contact with eyes, nose and mouth.
2. Poisonous by swallowing, inhalation and contact with skin.
3. **WEAR FULL PERSONAL PROTECTIVE EQUIPMENT (PPE)** i.e. rubber gloves, rubber boots, overalls, hood, goggles and respirator when preparing and using with this product.
4. **KEEP APART FROM FOOD AND FOOD STUFFS.**
5. **DO NOT** eat, drink or smoke while preparing and applying this product.
6. On completion of spraying remove personal protective clothing, wash face, hands and body with soap and running water before engaging in any activities.
7. **KEEP OUT OF REACH OF CHILDREN AND UNIFORMED PERSONS.**
8. Dangerous to livestock and domestic pets. Dangerous to aquatic organisms.
9. Store in the original container and **KEEP UNDER LOCK AND KEY.**
10. **DO NOT** contaminate drinking pools, streams, water bodies with the chemical or empty containers.
11. Prevent drift onto other crops and areas not under treatment.

SYMPTOMS OF POISONING:

May cause irritation, nausea, vomiting, abdominal distress, diarrhoea, respiratory distress and pulmonary edema.

FIRST AID:

Inhalation: Move victim to fresh air. If not breathing properly, give artificial respiration. Seek medical attention.

Skin contact: Remove contaminated clothing and shoes and launder. Wash thoroughly with soap and running water.

Eye contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion: If swallowed, wash the mouth with water provided person is conscious. Induce vomiting. Obtain medical attention immediately.

Call Drug and Toxicology Information Services (DATIS) on +263242307148/+263786100098 for more information.

NOTE TO PHYSICIAN:

Antidote: There is no specific antidote. Treat symptomatically.

EMPTY CONTAINER DISPOSAL

Invert the container over the spray tank or mixing tank. Allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water to a minimum of 25% of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. **DO NOT** use for any other purposes. If possible, offer the container for recycling and reuse.

CLEANING OF APPLICATION EQUIPMENT

After use, ensure traces of Kasava 20 SL are removed. Use the following method:

- a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes (rinse at least 3 times).
- b) Fill tank with clean water and add to it 1 liter of household bleach (Sodium hydrochlorite, 5%), or 1.5 liter household bleach (sodium hypochlorite 3.5%) per 200 liters of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
- c) Repeat step (b) and after that, rinse thoroughly with water. Dispose of the wash water safely in a collection sump where it will not contaminate crops, grazing, rivers, dams and boreholes.

WARRANTY:

The excellent results which this chemical normally yields are not however warranted or guaranteed as the effectiveness can be greatly influenced by factors outside the control of either the manufacturer or the distributor. No warranty whatsoever expressed or implied is therefore given concerning the effectiveness of this chemical. Any responsibility is specifically excluded for any damage, injury or loss of any kind of loss during or resulting from its handling, use or storage whether or not such has been in accordance with label directions.

DIRECTION FOR USE: USE AS DIRECTED.

MIXING INSTRUCTIONS

Half fill the spray container with clean water. Add the required amount of Kasava 20 SL to the spray container and top up with water to the required volume while agitating continuously.

Use the prepared mixture immediately. **DO NOT** prepare more spray mixture than is needed for immediate application. **DO NOT** allow to stand overnight.

APPLICATION METHOD:

Vegetable (Eggplant, Groundcherry, Pepino, Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato)

- **DO NOT** apply more than 3.6L Kasava 20 SL per hectare per year.
- **DO NOT** make more than 3 applications of Kasava 20 SL per season. A minimum interval of 7 days between applications is required.
- **DO NOT** make more than two consecutive applications of Kasava 20 SL.
- **DO NOT** apply Kasava 20 SL within 1 day of harvest.

Pome fruit (Apple, Azarote, Crabapple, Mayhaw Medlar, Pear, Asian Pear, and/or hybrids of these commodities)

- **DO NOT** apply more than 20.0 L of Kasava 20 SL per hectare per year.
- **DO NOT** make more than 4 applications of Kasava 20 SL per season.
- **DO NOT** make more than two consecutive applications of Kasava 20 SL.
- **DO NOT** use alternate tree-row application method. **DO NOT** apply after petal fall. **DO NOT** apply Kasava 20 SL within 90 days of harvest.

APPLICATION RATES:

Crop	Pest	Dosage	Application directions
Tomatoes And Other Fruiting Vegetables Pre-harvest interval (PHI): 21 days	Bacterial Stem Canker [<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>]	200 to 300 mL/100L water 16L knapsack sprayer: 32-48mL	Seedbeds: Spray seedbeds weekly prior to any disease symptoms. Lands: Start spraying shortly after transplanting and spray every 7 to 10 days. Use 500L of mixture per hectare.
	Bacterial Spot [<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>]	300 mL/100L water. 16L knapsack sprayer: 48mL	
Potatoes Pre-harvest interval (PHI): 21 days	Bacterial Soft Rot [<i>Erwinia</i> spp.]	2.4 L/ha 16L knapsack sprayer: 38-76mL	Apply first application before ridging up to 3 weeks after emergence. Apply a further 2 sprays 3 weeks apart. Apply as full cover spray with 500-1000 L water per hectare.
Pome Fruit - (Bearing And Non-bearing) Pre-harvest interval (PHI): 90 days	Fire Blight [<i>Erwinia amylovora</i>]	5.0L/ha in 1000L water 16L knapsack sprayer: 80mL	Begin applications at 20 - 30% bloom or when conditions favour disease development. Repeat applications at 7-day intervals or when conditions favour disease development.
Cabbage Potatoes Pre-harvest interval (PHI): 21 days	Bacterial spot [<i>Xanthomonas campestris</i> pv. <i>campestris</i>]	2-3L/ha in 500L water 16L knapsack sprayer: 64-96 mL	Repeat applications at 7-10 days interval. The maximum of application is 3 times.

RE-ENTRY PERIOD

DO NOT enter the treated area for at least 24 hours after treatment.

COMPATIBILITY

Compatible with most of the commonly used pesticides and other crop protection products. However all mixtures should be tested prior to field application.