



Kanguard 940™

Reg. No L 7421 Act / Wet No. 36 of/van 1947

FUNGICIDE FOR PLANT DISEASE CONTROL

A CONTACT fungicide soluble concentrate for preventative and curative control of various diseases on crop as listed.

FUNGICIDE CODE: P

ACTIVE INGREDIENTS:

Plant acids 19 g/ℓ

EXPIRY DATE: 18 MONTHS AFTER DATE OF MANUFACTURE

Kanguard 940™ is the registered trademark of/is die geregistreerde handelsmerk van Kannar Earth Science (Pty) Ltd (Edms) Bpk.

NET VOLUME

1L 5L 10L 20L 25L

WARNINGS

Do not harvest edible crops within 24 hours of last application. Handle with care. Harmful when swallowed. Can cause eye irritation. May irritate sensitive skin. Keep out of reach of children. Store in a cool dry place away from foodstuffs.

RE-ENTRY

Do not enter treated field until the spray has dried, unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic storage conditions; compatibility with other substances not indicated on the label and the occurrence of resistance of the disease against remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier or registration holder in the event of any uncertainty.

PRECAUTIONS

SHAKE WELL BEFORE USE.

Do not inhale spray mist. Avoid contact with eyes and skin. Wear protective gloves and face shield. If skin or eye contact occurs, flush with copious amounts of clean water. Wash with soap and water after use. Keep container tightly closed when not in use. Rinse empty container three times with a volume of water equal to at least 10% of that of the content of the container. Add the rinsings to the contents of the spray tank. Destroy empty container by perforation and do not use for any other purpose.

Resistance Warning: Resistance not known. Should efficacy be unsatisfactory discontinue use and use alternative fungicide for follow-up treatments.

DIRECTIONS FOR USE

Use only as indicated

COMPATIBILITY

Since Kanguard 940™ has not been fully tested in all sequences and combinations of sprays, it is not recommended to tank-mix with any other materials until greater experience has been obtained. Consult the registration holder for supplier up-to-date information on compatibility.

MECHANISMS OF ACTION

Kanguard 940™ is an organic soluble concentrate of physically activated

ascorbic acid mixed with various other organic acids from plant origin. Kanguard 940™ induces the accumulation of common phenolic compounds which assist in the fight against pathogenic fungi. Kanguard 940™ kills pathogens by direct contact. Disease symptoms already showing on infested leaves do not disappear but healthy leaves are protected from disease development. Repeated applications at 7 day intervals as preventative measures are necessary for best disease control.

MIXING INSTRUCTIONS

Fill the tank from ¼ to ½ full with water and start agitating (use mechanical or hydraulic agitation). Add the required amount of Kanguard 940™ to the tank while it is filled with water. Add sticker-extender last. Use the spray mixture without delay and do not allow to stand for prolonged periods e.g. over night. If rain occurs within 12 hours after application, spraying has to be repeated. The use of organic sticker (e.g Ludwig's Spray Stay Reg. no L7106) is recommended to be added to the spray mixture when applying onto smooth waxy leaf surfaces and during wet conditions to enhance the efficacy of the product and to prevent excessive wash-off during rain or irrigation. Do not use water that is alkaline. Use a buffer to lower the pH of the water to between 5,5 and 6,5.

CROP & INSECT	DOSAGE P/100 LITRE WATER	DETAILS OF SPRAY PROGRAMME
CUCUMBER (Greenhouse) Powdery mildew	300 ml - 600 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be with very early signs of powdery mildew showing on leaves or preferably preventative with the first application not later than 2 weeks after planting date. Repeat every 5 - 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate and shorter spray intervals when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 - 7 days. Do not apply once disease has established.
CUCURBITS (Butternuts, Hubbard Squash etc) Powdery mildew	300 ml - 600 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be with very early signs of powdery mildew showing on leaves or preferably preventative with the first application not later than 2 weeks after planting date. Repeat every 3 - 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate and shorter spray intervals when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 - 7 days. The additions of a suitable adjuvant is recommended for increased efficacy.
GRAPES (Table) Botrytis (Post Harvest) Powdery mildew ONLY FOR USE IN WESTERN CAPE	300 ml - 450 ml	Apply as a full cover spray. Ensure thorough coverage of the whole vine. First application should be with very early signs of powdery mildew showing on leaves or preferably preventative measure. Repeat every 5 - 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate and shorter spray intervals when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 - 7 days.
LETTUCE Downy mildew	300 ml - 600 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant (especially the underside of the leaf). First application should not be later than 2 weeks after the planting date of the seedlings. Repeat every 5 - 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate and shorter spray intervals when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 - 7 days. The additions of a suitable adjuvant is recommended for increased efficacy. Do not apply more than 7 applications.
PEAS Powdery mildew	300 ml - 450 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be with very early signs of powdery mildew showing on leaves or preferably preventative with the first applications 4 weeks after seedlings emerged. Repeat every 5 - 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate and shorter spray intervals when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 - 7 days. The additions of a suitable adjuvant is recommended for increased efficacy. Do not apply once disease established.
ROSES Powdery mildew	150 ml - 300 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. Preventative treatment: Apply lower dosage rate before or when first symptoms appear or when weather conditions favour the development of the disease. Best results are obtained with spray intervals of 5 - 7 days. Curative treatment: Three applications at 5 day intervals, thereafter every 7 days. Use higher rate when disease pressure is high. The additions of a suitable adjuvant is recommended for increased efficacy.
STRAWBERRY Botrytis	300 ml - 450 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be preventative of nature with the first application not later than 2 weeks after planting date. Repeat every 5 days. Use the higher dosage rate when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 days. The additions of a suitable adjuvant is recommended for increased efficacy. Remove infected fruit and leaves, do not let the fruit get too ripe and limit free water on the plants for maximum efficacy.
TOMATOES Early Blight	300 ml - 450 ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be with very early signs of early blight lesions showing on lower leaves or preferably preventative with first application not later than 2 weeks after planting date. Repeat every 5 to 7 days depending on weather conditions until day of harvest. Use lower dosage rate before or with first symptoms showing and higher rate when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 days. The addition of a suitable adjuvant is recommended for increased efficacy.
MINOR CROPS Berries Cherries Nuts Pomegranates Figs Various fungal diseases	300ml to 450ml	Apply as a full cover spray. Ensure thorough coverage of the whole plant. First application should be of a nature preventative not later than 2 weeks after planting date. Repeat every 5 days. Increase dosage rate when weather conditions are favourable for increased disease pressure. Best results are obtained with spray intervals of 5 days. The addition of a suitable adjuvant is recommended for increased efficacy. Remove infected fruit and leaves, do not let fruit get too ripe and limit free water on the plants for maximum efficacy.