

Alial™ 80 WP

Systemic fungicide for the control of oomycete family fungi (Downy mildew) in onion, squash, lettuce and roses.
Kiua kuu cha kukinga mausa ya waridi, mboga ya squash, lettuce na vitunguu dhidi ya magonjwa ya Downy mildew.

READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)

KEEP LOCKED OUT OF REACH OF CHILDREN (FUNGIA MBALI NA WATOTO)

Guarantee: (Dhamana): Fosefy-aluminium 800 g/kg WP

COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA BIASHARA NA KILIMO)

Class U (Unlikely to present acute hazard in normal use)

Emergency number/Simu ya dharura: Increase of emergency call toll free number / piga simu ya dharura bila malipo kwa number **0800720021/0800730030 (24hrs)**

Physical Form: Powder

Batch No.: (Nambari ya furushi): See print on the packaging

Date of manufacture: (Tarehe ya kutengenezwa): See print on the packaging

Registration no.: (Nambari ya usajili): PCPB (CR) 1150

Shelf life / Expiry: 2 years from the date of manufacture if stored in unopened original container in a cool, dry place.
(Maisha rafu): Miaka mbili kutoka tarehe ya kutengenezwa ikiwa kwa mkoba uliofungwa vizuri na kuhifadhiwa pasipo na joto mingi wala unyevu).

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10040762

NET CONTENTS (KIASI): 10 x 1 KG



CAUTION

DESCRIPTION: Alkal 80% WP has Fosetyl-aluminum as the active ingredient. Fosetyl-aluminum is an alkyl phosphate compound used as a systemic fungicide for the control of oomycetes family fungi (Downy mildew). Fosetyl-aluminum is rapidly absorbed through the plant leaves or roots with translocation (movement both up (acropetal) and down (basipetal)) within the plant.

Mode of Action: Fosetyl-aluminum is a systemic fungicide that acts by inhibiting spore germination and penetration into the plant, and blocking mycelial growth and spore production. Also enhances the plant's own natural defence systems against diseases.

Application: Alkal should be applied when the crop shows signs of disease or when the weather is right, for disease development. Spray Alkal on the crops at application rates of 2-3 kg/ha with an interval of 7 days when disease pressure is high. Apply to plants and foliage that are actively growing for good uptake. Do not apply to run-off.

Directions and rates of use:

| Crops | Disease | Method of application | Application | Timing/remarks |
|---------------------------|------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Onion, squash and lettuce | Downy mildew (Pseudoperonospora, Peronospora, Bremia spp.) | Foliar spray | 2-3 kg/ha in 500 - 1000 L of water/ha or 2-3g/l based on 1000L/ha or 40-60g/20 litres knapsack | Apply before disease onset or when conditions for the disease development are favourable, apply one treatment per month during the infection period PH 14 day |
| Roses | Downy Mildew (Peronospora sparsa) | Drenching | 5-6 Kgs or 100g - 120 g in 20 litres knapsack | Apply before onset of disease or when conditions are right for disease development. |

Mixing: Alkal 80% WP mixes well with water. If tank mix is required, do compatibility and crop safety test with foliar fertilizers before tank mixing.

Procedure for mixing: Half fill the spray tank with clean water and add the appropriate amount of accurately measured Alkal 80 WP then completely fill the tank with remaining water. Ensure thorough agitation by mechanical or hydraulic action at all times during mixing and application. Use only clean water for diluting.

Resistance Management: Alkal 80% WP is a Group U fungicide. To delay fungicide resistance rotate the use of Alkal 80% WP with different groups that control the same pathogens.

Re - entry interval: 48 HOURS
Integrated Pest Management: Alkal is compatible with most IPM programs and beneficial predatory mites. It is practically non-toxic to honey bees and earth worms.

Pre harvest interval: Alkal 80% WP has a PH of 14 days.
HAZARDS AND PRECAUTIONS: The product can be mildly irritating. Avoid excessive exposure.

Storage: Keep in closed, labeled container in a cool and dark place. Protect against strong heat from sunshine or other source. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

Disposal: DO NOT RE USE EMPTY CONTAINER FOR ANY PURPOSE
The product can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with gas scrubbing.

Container disposal: Do not re use empty containers for any purpose. Tumble, rinse, puncture and crush empty containers and dispose them off in a safe authorized place in accordance with National regulations.

Environmental Hazards: The product may be hazardous to aquatic organisms. Avoid discharge to the environment.

FIRST AID INSTRUCTIONS: If symptoms occur remove the exposed person from the area where the product is present and call a doctor immediately. Explain that the victim has been exposed to a fungicide.

Ingestion: Do Not Induce Vomiting if the product has been swallowed. If victim is unconscious, lay on his/her side with head lower than the rest of the body and keep half-bent to avoid aspiration. Keep victim at rest. Maintain body temperature. Seek medical attention immediately.

Inhalation: Remove from exposure to fresh air.
Eye contact: Irrigate gently with clean water and no traces of chemical remains.
Skin contact: Remove contaminated clothing. Wash exposed skin and hair with soap and water.

Emergency: In case of emergency, call toll free number: 0800720021 (24 hrs)

TOXICOLOGICAL INFORMATION: The product is not expected to be harmful by single exposure in limited quantity.
Note to the doctor: There is no specific antidote for exposure to this material.

Antidote:
Symptoms of poisoning: Treatment should be directed at the control of symptoms and the clinical condition. Gastric lavage and/or the administration of activated charcoal can be considered.

Emergency: In case of emergency call toll free number: 0800720021 / 0800730030 (24 hrs)
NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions.
WARRANTY: Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

MAELEZO YA KAWAIDA: Alkal 80% WP ina fosetyl-aluminium kama kiungo. Fosetyl-aluminium ni moja wapo ya alkyl phosphate inayotumika kama kiungo inayopemba cha downy mildew (Peronospora). Fosetyl-aluminium inafyonwa kwa haraka kwa majani, mti na mizi. Ikwelwa kwa udongo, huingia kwa mizi na kuwacha kwa sehemu zote.

Jinsi ya Kuchanganya: Mimba maji kipimo nususi kwanye bomba halafu ujazie kipimo kamili cha dawa na kisha kipimo cha maji kicho sala. Hakikisha mchanganyiko hau umeong'oka kiasi vizuri.

Maagizo ya Kutumia:

| Ugonjwa mimea | Jinsi ya Kunyanyiza | Kipimo cha matumizi kwa Ha na kwa Lita 20 | Timing/remarks |
|---------------------------|------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Onion, squash and lettuce | Foliar spray (Pseudoperonospora, Peronospora, Bremia spp.) | 2-3 kg/ha in 500 - 1000 L of water/ha or 2-3g/l based on 1000L/ha | Apply before disease onset or when conditions for the disease development are favourable, apply one treatment per month during the infection period PH 14 day |
| Wardi | Downy Mildew (Peronospora sparsa) | 5-6 Kgs /gramu 40 - 60 kwa bomba ya lita 20 | Apply before onset of disease or when conditions are right for disease development. |

Kudhuru mimea: Alkal 80% WP hadhuru mimea ikiitumiwa ikivyopendekesha. Hauna budi kufanya majaribio kwa mimea chache kabla hujia kunyanyiza kwa mimea yote.

Muda wa Kunyanyiza: Nyunyiza dawa hii wakati dawa hii unayanyika inanzite kuonekana tuda kunyanyiza wakati tahaajika tena.

Muda salama wa kuvuna: Siku 14 baada ya kunyanyiza la mwisho.

Tabadhiri
Jihadhari na dawa lazizize ngazi. Vaina mavazi ya kujilinda-ovavali, vaito, glavu na vuzuzi vya uso wakati wa kuchanganya dawa. Kunyanyiza na unapoosha vifaa vya kunyanyiza.

Nawa mikono wakati wa mapumziko na baada ya kunyanyiza dawa 'huohi' mavazi yaliyozua dawa kabla ya kuyavua tena.

Uthabiti: Hifadhi dawa katika kwekwezo chake asik, kicholungwa vizuri na uweke pahali pakevu na hawi nyingi. Weka mbali na vyakula, vinywaji na vijiji vya mifugo.

Utupaji wa vyombo tupu: Ututumie mikoba mitupokwa matumizi megine. Oha chombo kilichokuwa na dawa hii mara tatu. Krobobe, ukibonyeze na ukitupe kwa njia inahiyotabili, kwa njuba wa shera.

Madhara kwa mazingira: Ikitumwa ipasayoo Alkal 80% WP haina madhara jeyote kwa viembe visivyokusudiwa. Inaweza kudhuru viembe vya majini, dawa hii siriuhusie kungu vidimbwi.

Harus za huduma ya kwanza: Vua mavazi yaliyo shika au kudowa dawa kwa haraka.

Kiguzo ngazi: Oha ngazi kwa haraka ukitumia maji na sabuni likiwa ngazi - Yakamue macho kwa haraka ukitumia maji na sabuni likiwa ngazi - usimalapote muadhiriwa mafute huduma ya matibabu.

Emergency: Pipa simu ya dhuru bila malipo kwa namba 0800720021 / 0800730030 mara 24

Maelezo kwa daktari: Hakuna kitagusu sumu cha dawa hii kujifunachoa, pesha matibabu kulingana na dalili zinazonekana.

ILANI KWA MTUMIAJI
Dawa hii ni sharti itumie kulingana na maagizo yaliyoko kwenye kilaandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyosalama.

THIBITIISHO: Dhunuzu ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnuuzi lazima akubali hatari zozote zinoweza kutokana na matumizi ya dawa hii kwa broadamu au mali na limu akubali dawa hii katika hali hii.

Alkal ni dawa ya barabara ya Cheminova AS. (184011)

Alial™ 80 WP

Systemic fungicide for the control of oomycete family fungi (Downey mildew) in onion, squash, lettuce and roses.
Kiua kuuu cha kukinga maua ya waridi, mboga ya squash, lettuce na vitunguu dhidi ya magonjwa ya Downy mildew.

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(Maisha rafuni): Miaka mbili kutoka tarehe ya kutengenezwa ikiwa kwa mkoba uliofungwa vizuri na kuhifadhiwa pasipo na joto mingi wala unyevu).

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Nairobi, Kenya
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