**aflasafe KE01™**

*Biological fungicide for control of toxigenic Aspergillus flavus in Maize*

*(Dawa ya kukinga magonjwa inayosababisha na "Toxigenic Aspergillus flavus" kwenyewe Mahindi)*

READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)
KEEP LOCKED OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

GUARANTEE (DHAMANA): Four *Aspergillus flavus* strains KN00A, KN001, KN011 and KN012 that cannot produce aflatoxin: 0.0005% (3,000 CFU/gm)

COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA BIAHARA NA KILONI)
REGISTRATION NO. (NAMBARI YA USAJILI): PCPB (CR) 1419

**Shelf Life (Maisha Rafuni):** Two years from date of manufacture if tightly sealed in the original unopened container under cool and dry storage conditions (Miaka miwili kutoka siku ya kutengenezwa ikiwa kweneje chombo chake maalum kisipofunguliwa na ikihifadhiwa katika bahari pakavu pasipo na joto jingi).

Date of manufacture (Tarehe ya utengenezaji):
Expiry date (Tarehe ya kuharibika):
Batch Number (Nambari ya kifurushi):

**Net Contents (Kiasi):** 2.5 Kg

In case of poisoning call Toll Free Number (Wakati wa dharura piga simu ya bila malipo):
0800 720021 / 0800 730030 (24 HOURS/MASAA 24)

**Manufacturer (Watengenezaji):**
Kenya Agricultural and Livestock Research Organisation (KALRO)
Phone: 0722-206-986, 0733-333-223
Location: Kaptagat Rd, Loresho
P.O.Box 57811-00200
Nairobi, Kenya
Email: director@kalro.org
www.kalro.org

**Agent/Distributor (Wakala/Wasambazaji):**
Kenya Agricultural and Livestock Research Organisation (KALRO)
Phone: 0722-206-986, 0733-333-223
Location: Kaptagat Rd, Loresho
P.O.Box 57811-00200
Nairobi, Kenya
Email: director@kalro.org
www.kalro.org

WHO Class U, Non-hazardous, green colour band
GENERAL DESCRIPTION

aflasafe KE01™ is a biopesticide for application in maize fields to displace aflatoxin-producing strains of Aspergillus flavus. It is a living fungus coded on sterile sorghum grain, which serves as both carrier and nutrient source. A polymer binder helps the spores of the fungus stick to the grain. A blue food-grade dye is coated on the grain to distinguish it from food-grade grains. After application and exposure to sufficient moisture, aflasafe KE01™ strains grow out and the grain will be covered with green spores. These growing fungi will first appear as white fuzz and with green spores and later appear as green fuzz containing spores. The green spores will eventually spread to the crop by wind and insects in the same manner that aflatoxin-producing fungi are spread.

DIRECTIONS FOR USE

Prior to aflasafe KE01™ application, the fields should be weeded, fertiliser applied, and all other cultural practices carried out in the field. DO NOT CARRY OUT ANY OPERATION THAT MAY BURY THE PRODUCT UNDER THE SOIL after application. Ensure that the product stays on the soil surface. Broadcast aflasafe KE01™ by hand 2 to 3 weeks before flowering at the rate of 10 kg/ha (4kg per acre). If possible, apply aflasafe KE01™ after rains or when rains are forecasted or when the soil is wet.

Five to ten days after aflasafe KE01™ application, visit the field and observe the colour of the carrier grains. A greenish growth should be visible on some or all sorghum carrier grains if soil moisture is adequate. If the green growth is not evident, return to the field after 3 to 5 days to repeat the observation. Follow good harvest and postharvest practices. USE ONLY AS DIRECTED.

HAZARDS AND PRECAUTIONS

Do not apply as a tank mixture with fertilizer, insecticides, or fungicides. Use aflasafe KE01™ only when the feasibility for drift to adjacent, potential harvest activity areas or residential areas (downwind or down-target crop) is minimal.

Do not eat, drink or smoke while handling this product. Wash hands thoroughly with soap and water after use and before eating, smoking or drinking.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FERTILIZER BY STORAGE AND DISPOSAL

Storage: Store dry. Do not expose to relative humidity greater than 80% prior to use. This product contains a living organism that must be alive to work. Do not store under cold conditions. Do not expose to temperatures above 50°C.

Disposal: To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling: Do not reuse or refill container. Offer bags for recycling if available or dispose empty bag in a sanitary landfill or by incineration.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present. Do not contaminate water when disposing of equipment wash water or drains.

FIRST AID INSTRUCTIONS

On contact with eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, and continue rinsing.

Call a poison control centre or doctor for treatment advice.

On skin contact: Remove contaminated clothing. Rinse and then wash skin with water and soap.

On inhalation: Move the person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.

Call a poison control centre or doctor for further treatment advice.

On ingestion: Call a poison control centre or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control centre or doctor or going for treatment.

TOXICOLOGICAL INFORMATION

Note to Physician: No specific antidote. Treat symptomatically.

IN CASE OF POISONING CALL TOLL FREE NUMBER: 0800 720021 / 0800 730000 (24 HOURS)

NOTICE TO THE USER

This pest control product is to be used only in accordance with the directions in this label. It is an offence under the Pest Control Act to use or store a pest control product under unsafe conditions.

SELLER’S GUARANTEE (WARRANTY)

Seller’s guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to the persons or property arising from the use of handling or this product and accepts the product on that condition.