

INSECTICIDES FOR FALL ARMYWORM (FAW) CONTROL

The coating of the seeds to fight against fall armyworm

TECHNOLOGY / SOLUTION



The technology consists of coating the seeds with a specialized insecticide before being planted. The insecticide applied to the seed secures the young plant by protecting it from early season chewing and sucking pests.

Applied insecticide is quickly taken up by the roots & moves upward in the plant through the xylem system, hence controlling a broad range of above ground insects. It is also distributed into the soil around the root zone forming a bulb of protection against below ground insects.



PROBLEM / ISSUE SOLVED

- Maize yield and production reduced in sub-Saharan Africa due to FAW attack
- Quick spread of the pest across Sub-Saharan Africa over the last few years
- Damage to maize crops caused at all stages of their life cycle, destroying leaves and cobs.



GOOD FOR Agro-input suppliers



BENEFITS

- ✓ Suitable for all types of maize growing areas in Sub-Saharan Africa
- ✓ Coated seeds can be dispatched to fields in a short window of time making it a good option to combat the rapid advance of the pest
- ✓ It keeps maize free of FAW during the early stages of cultivation
- ✓ Planting insecticide treated maize seed reduces the number of sprays needed at later growth stages



Pest management
Speciality



Maize
Commodity

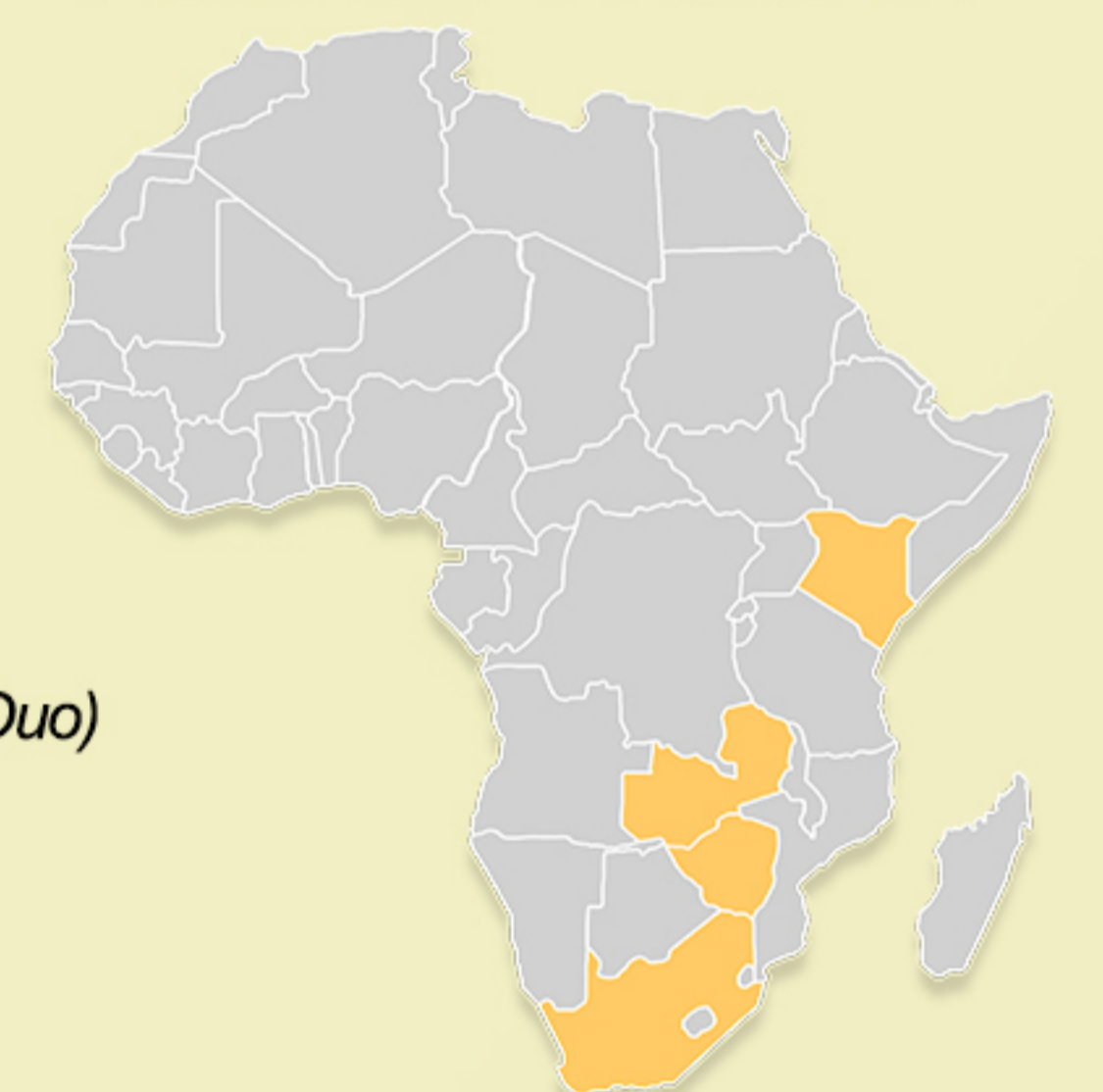


US\$0.3 (32 ml bottle of Fortenza Duo)
Purchase price



US\$1.2 to US\$1.8
(kg of coated seeds)
Reselling price

ALREADY IN USE IN



South Africa, Kenya, Zambia, Zimbabwe

HOW DOES IT WORK?

The coating of seeds with FAW insecticide requires to mix the maize seeds with a binding agent like Arabic gum. Then, Fortenza Duo insecticide is vaporized over the material and the dose is 4ml per Kg of seed.

A rotary blending system is used to mix and dry the coated seeds.

