environmentally friendly coffee growing inputs

CONSERVE WATER | INCREASE SURVIVAL RATE | FASTER ESTABLISHMENT | MORE YIELDS

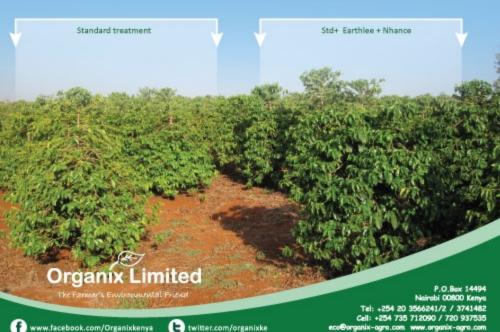
The use of Organix products on coffee growing will result in the following benefits:

NEW ESTABLISHMENT IN THE FIELD

- TRANSPLANTING SHOCK MANAGEMENT: Nhance applied immediately after transplanting will reduce shock on the plant and activate root growth.
- REDUCED IRRIGATION FREQUENCIES Absorber mixed with soil before or at planting will maintain moisture around the root zone, leading to reduced watering, better establishment and reduced deaths.
- SOIL FERTILITY: Earthlee, cheaper alternative to manures, increases humus in the soil making locked nutrients available and encourages beneficial micro-organisms activity.

MATURE COFFEE

- PRODUCTION: Nhance and Earthlee increase production.
- IMPROVED GRADES: Nhance and Earthlee improve grades from low to premium grades.
- DROUGHT MANAGEMENT: Absorber maintains moisture around the root zone, leading to reduced irrigation and better production.
- LEACHING REDUCTION (Loss of nutrients due to heavy rains): Earthlee when mixed with appropriate fertilizer (Fertilizer coating) reduces leaching and nitrates going into the ground water.
- NATURAL PEST CONTROL: Achook (Mwarobaini extract) registered with CRF.





WATER RETAINER

- Ability to absorb 100-200 times its weight in water as well as dissolved nutrients in soils and substrate
- Reduces watering frequency for intigated crops
- hain water absorbed during rainy season will be available to the plants for a longer period
- Reduces leaching of nutrients
- Enhances plant growth through continuous availability of water and absorbed nutrients
- Helps to aerate the soils by expanding when absorbing water and contracting when releasing water
- Applying hydrated Absorber avails moisture to transplanted plant and increase survival rates
- Degrades naturally at the rate of 10-15% per year

Transplanting: 10-20g per planting hole.



NEEM BASED NEMATICIDE / INSECTICIDE

- Neem tree [mwarubaini] extract
- Effective against nematades, chewing and sucking pests
 - It has anti-feeding, repellent/deterrent and insect growth disruptant
- Does not kill beneficials
- Very low pre-harvest interval of 8 hours.
- Ideal for Integrated Pest Management (PM) programs

Apply 1ml/L water or 1L/Ha

EARTHLEE ULTRA CONCENTRATED

- Organic 80% humate powder free of heavy metals
- Inexpensive natural alternative to animal manures or compost and avoids weeds
- Natural chelating agent
- increases cation exchange capacity hence efficient transfer of nutrients from soil to plants
- Helps in freeing locked nutrients
- Encourages beneficial micro-organism activity
- Improves water holding capacity of the soils
- inexpensive way of converting normal granular fertilizer to slow release by

Ferfilizer Coating: Mix 1 Kg Earthlee per 50 Kg of fertilizer (2% mixture)



- Natural seaweed extract of ecklonia maxima [kelp]
- Certified for organic forming
- BNhances root development leading to better top growth
- Reduces transplanting shock
- Increases yields

Roof drench: 1% solution or 10ml/L water. Apply 0.5 - 1L of solution per plant.

Foliar application: 0.3% or 3ml / L of water Spray to runoff.

