



## **TEMESI Compost Properties**

### **What the aerobic TEMESI Compost does for you:**

- Compost is an organic fertilizer that slowly releases its nutrients over about a year
- No chemical fertilizer are needed unless high yields are essential
- Compost recycles essential minerals that improve the taste of fruits and vegetables
- Returns essential microorganisms to the soil
- Increases biological activity and restores the soils ecosystem
- Neutralizes acidified soil caused by overuse of chemical fertilizers (compost is a chemical buffer)
- Adds black humus and boosts erosion control
- Improves water infiltration, water retention (better drought tolerance)

### **Added value:**

- Compost acts as pest control towards many root diseases (e.g. cacao, cashew nuts)
- Compost tea acts as pest control towards many leaf diseases
- Contains no pathogens, insect eggs or larvae and weed seeds

Anaerobically decomposed organic materials lack many of the properties of aerobic compost

### **An additional benefit: TEMESI Compost acts as a natural pesticide:**

Brewing compost tea and further applications as pesticides and liquid fertilizer is described in Technical Note No. 6: Making Compost Tea.

### **Avoiding salt damage**

Bali compost has a relatively high salt content. Compost for seeds, seedlings and sensitive plants may need to be rinsed with water to reduce salinity. The filtrate is Compost Tea that is rich in nutrient and can be used elsewhere. For details see Technical Note No. 12: Excess Salt Removal.

### ***.... and, while others remove weeds you save nutrients:***



Typical for organic fertilizers that often contain animal manure and other compounds with undesirable byproducts. One of them is weed seeds that compete for nutrients and must be removed.

TEMESI Compost is genuine organic compost. Temperatures above 65 °C for at least six days during the composting process assure that it is free of weed seeds, insect eggs or larvae and pathogens like E. coli. The aerobic conditions also avoid the generation of phytotoxins.