

# MAUI LCF DIFFERENCES

## **Maui LCF**

(Single Edible Mushroom)

Mixture of plant active metabolites derived from a fungi

No live organisms – heat pasteurized

Not Dependent on the Environment

Not host dependent

You control amount of metabolites applied

Immediate plant response

Local edible mushroom with natural fungal metabolites

Shelf live not time dependent

Multiple plant effects:

Increase nutrient uptake

Increase plant wound response

Induces Nematode Tolerance treated plants

Increases shoot production

Increases foliage

Increases number and size of flowers

Increases fruit size

Increases plant resistance to stress and diseases

## **Microorganism based soil supplements**

(Examples: EM, Bokoshi, Biologically Active Microorganisms, Mycorrhiza)

Organisms only – some may die during storage

Mixture of live organisms

Environment Dependent – Organisms need to grow and produce metabolites

Mycorrhiza are host dependent

Organism controls metabolite output and application

Slow plant response, microorganisms need to grow and become established

Microorganisms may be foreign to the environment

Assist in nutrient uptake only

EM and Bokoshi will not provide enough plant nutrients for LCF treated plants