

Indigenous Micro Organisms

IMO are diverse micro organisms that are uniquely adapted to an indigenous micro climate. They go through a generation ~30 minutes and are constantly adapting, propagating or hibernating to balance and benefit the environment they reside within.

CGNF presents very precise recipes for concentration of IMO to maintain the integrity and diversity of these fragile life forms to encourage them to be more robust and resilient toward our aim of farming and ecological rejuvenation.

There are 5 main stages of IMO, and each of them is important to understand thoroughly before use.

Stage	Description	Equivalent	Use
IMO1	Diverse Culture	Infants	IMO2
IMO2	Stable Storage	High School	IMO3
IMO3	Fungal Propagation	College	IMO4 or tea
IMO4	Soil Diversity	Space Engineers	Tea & Soil Foundation
IMO5	Super Compost	War Veterans	Established Crops

When used in a "tea" solution, IMO3 or IMO4 is generally used. When used as a top dress amendment to establish a living soil foundation, IMO4 is best. To feed established trees and crops, IMO5 is applied.

IMO3

Substrate by volume
1 part wheat mill run
1 part wood chips
optional 5% biochar

Moisten to 60% moisture content with
1:500 IMO2
Maintenance Solution
1:1000 Oriental Herbal Nutrient
1:500 Brown Rice Vinegar
1:500 Fermented Plant Juice
Plus
1:1000 Lactic Acid Bacteria
1:1000 Fish Amino Acid
1:1000 Humic/Fulvic Acids
1:30 Seawater

Keep temperature below 120F
Check 2x a day: morning & evening
Turning will reduce pile temp by 10F
Mix outer part into inner part to encourage diversity
Pile may take 7-14 days to cool to room temperature
Correctly made IMO3 will smell like forest floor when complete
If smells like asphalt during light rain, it got too hot

