

LMF™ (Liquid Microbe Food)

A liquid food formula to ensure rapid and ongoing multiplication of beneficial microbes during brewing.

One key to successful compost tea brewing is the supply of a food source capable of feeding and fostering thousands of different microbe species. LMF™ (Liquid Microbe Food) contains the essential ingredients, which have proven to deliver suitable promotion to maintain this all-important diversity during the multiplication process without the hassles associated with insolubility.

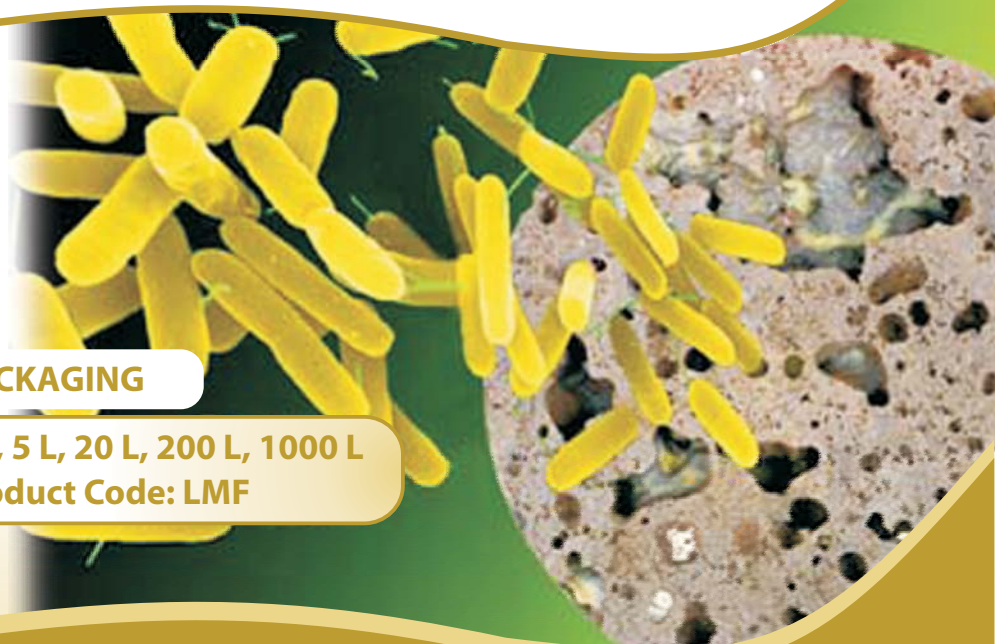
Benefits

- Maintains bacteria and fungi numbers during the brewing process.
- Completely soluble – avoids the problems associated insolubility of most microbe foods and the repercussions associated with filters and nozzle clogging.
- It is user-friendly and convenient.
- A critically important source of sterile microbe food. This is essential to minimise contamination of the end product after brewing.



PACKAGING

1 L, 5 L, 20 L, 200 L, 1000 L
Product Code: LMF





LMF™ (Liquid Microbe Food)

Brewing/Application Protocol

Treat water first with bleach (4.0% available chlorine) at a rate of 50 mL per 100 L of water. Proportional amounts will be required if the available chlorine varies. Aerate for 1 hour.

Brewing - Fungi Dominated:

For each 100 L of water add 1 L of LMF™ (Liquid Microbe Food) plus 1 L of Dominate™ (fungi), followed by 50 g of 4/20™ inoculum. Brew with aeration for 24 - 30 hr at 20 - 25°C. When applying, dilute with water if desired. Use immediately.

Brewing - Bacteria Dominated:

For each 100 L of water add 1 L of LMF™ (Liquid Microbe Food) plus 1 L of Dominate™ (bacteria), followed by 50 g of 4/20™ inoculum. Brew with aeration for 18 - 24 hr at 30 - 35°C. When applying, dilute with water if desired. The brew is stable for up to two (2) weeks without aeration.

Application Rates of 4/20™ Brew:

Soil: 20 - 100 L of brew per ha

Foliar: 20 - 100 L of brew per ha

Miscellaneous

- As for Nutri-Life 4/20™ microbes, the carrier median granules do not fully dissolve in water and so the concentrate may need to be strained either during brewing, by placing the product in a bag/stocking/sock and dangling it like a tea-bag in the water, or afterwards with a filter, to avoid blockage of boom-spray equipment.
- No withholding period.
- Not certified organic.

Typical Analysis

This comprehensive food blend includes the following ingredients in laboratory-determined ratios:

- Chelated calcium
- Amino acids
- Fatty acids
- Vitamins
- Plant extracts
- Bio-stimulants
- Natural growth promoters
- Over 70 minerals
- Complex carbohydrates
- Enzymes

pH 4.75
Specific Gravity 1.21
Conductivity 43 mS/cm

Storage & Handling

- Immuno-compromised persons (e.g. those undergoing chemotherapy) should not handle or be exposed to microbial products.
- While handling, brewing and applying microbial products protective clothing, gloves and face masks should be worn. Avoid aerosols generated by aeration.
- All microbes may cause dangerous lung infections in immuno-compromised persons.
- Microbes may exude toxic compounds in the brewing process.
- Cool dry storage out of sunlight. Do not expose to heat exceeding 45°C.

When to Recommend

- To boost microbial counts for any type of microbia brewing. i.e. 4/20™, compost teas etc.
- Whenever soil-life has been compromised.
- To promote more efficient fertiliser utilisation.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The buyer assumes all responsibility for the use of any NTS products.



NUTRI-TECH SOLUTIONS P/L (NTS)

PO Box 338, Eumundi, QLD 4562, Australia

7 Harvest Rd, Yandina, QLD 4561, Australia

Ph: +61 7 5472 9900 Fax: +61 7 5472 9999

Email: info@nutri-tech.com.au

Web: www.nutri-tech.com.au

Your Local NTS Distributor: