

# OLIVES

## Nutrient Guidelines



	Winter	Early Spring	Spring/Summer	Summer	Late Summer	Autumn
Cropstage	flowerbuds formed May-June-July	shootgrowth-inflorescence Aug-Sept-Oct	flowering-fruitset Oct-Jan	pepper grain size pithardening Dec-Feb	colour change/harvest March-June	post harvest
<b>Base Programme:</b>						
VitaZyme		1.0 lt/ha with weedspray	1.0 lt/ha	1.0 lt/ha in Feb	1.0 lt/ha in March	
BoroZinc	2.0-3.0kg/ha	2.0-3.0kg/ha				3.0-4.0kg/ha
AminoQuelant-B or Fixa-B			1.0 lt/ha	1.0 lt/ha	1.0 lt/ha	
AminoQuelant-K <i>low pH</i>				3.0 lts/ha	3.0 lts/ha	
Terra-Sorb Complex		2.0-3.0 lts/ha	2.0-3.0 lts/ha	2.0-3.0 lts/ha		
<b>As soil and leaf tests dictate:</b>						
Nexar Mg	3.0 lts/ha	3.0 lts/ha	3.0 lts/ha	3.0 lts/ha		3.0lts/ha
Fixa-Ca or Pancal		5.0 lts/ha	5.0 lts/ha	5.0 lts/ha	5.0 lts/ha	

### Comments

The Base Programme is recommended as a routine application programme to maximise yield potential. The recommended rates are per hectare and should be applied to the point of run off. Minimum water rates should not be less than 200lts/ha. Always apply to the point of run off to ensure sufficient coverage is obtained. Do not over wet, avoid run off.

### Micronutrients / Plant Stress Management

Use as required or as tissue testing directs.

**VitaZyme** (BioGro 2594) Biostimulant to intensify root and soil interaction maximising natural soil fertility use.

**BoroZinc** Essential for bud formation and differentiation.  
**AminoQuelant-B:** Essential for function of other elements for plant health, particularly Calcium uptake.  
**Fixa-B** Primarily active in pollen germination and reproductive systems, development of fruit and water management in cells.

**Fixa-Ca or Pancal** Fixa Ca supplies calcium alone.

**Nexar-Mg** Magnesium based on Seaweed providing essential Mg and plant growth stimulants in one product.

**AminoQuelant-K low pH:** A fast acting foliar K based on active amino acids.  
Apply at least 2-3 times from pepper grain size

**Terra-Sorb Complex:** Maintains the balance between bio-stimulation and the supply of essential nutrients at the naturally most stressful critical crop stages

### Rainfastness & Drift Reduction

**Mantissa Union**

Cost efficient Wetter/Sticker that improves coverage on hard to wet leaves, sticks on chemical/micronutrient preventing loss without extending residues, rainfast one hour after application, reduces drift.

### Knapsack Spraying

Spray to point of run off. This represents about 1000lts/ha. Dilution rate for nutrients can now be calculated, ie 5.0 lt/ha=5000 mls / 1000lts = 50 mls/10 lts of product.

### Compatibility

All Mantissa products mentioned are compatible with each other and can be mixed with commonly used pesticides in the Olive spray programme. If in doubt, consult your Mantissa distributor or Mantissa representative. Always refer to label recommendations.

### Leaf Tests

1. January - February or as symptoms dictate. 2. June-July  
A leaf test after flowering allows corrections to be made in the same growing season!  
A leaf test in the winter allows for corrections at flower bud change

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- As leaf analysis or Fluorimetry tests dictate
- Routine application
- Good management practice