

Orchard

The EMNZ Range of Biological solutions are designed to increase soil fertility, enhance plant health and boost production. Below is a guide giving our full range of product options, and recommended rates. Growers can select from this range to best fit crop requirements and soil conditions.

CROP PHASE	KEY CROP REQUIREMENTS	PRODUCT OPTIONS AND APPLICATION RATES
POST-HARVEST	Applications will boost nutritional status and improve orchard hygiene. This period influences next seasons yield.	EM Amino 10-20L/ha; EM Soil & Crop 10-20L/ha.
THROUGHOUT SEASON	Building a healthy and functioning soil microbiome will unlock the nutrient resource potential of your soil, creating a higher nutrient status for your crop.	EM Foundation - 10-20L/ha; EM Soil & Crop - 10-20L/ha.
	Speed up the breakdown of interow/understory organic matter/ prunings, this organic matter food source in conjunction with EM, can return the microbial life to your soil.	EM Foundation - 10-20L/ha; EM Soil & Crop - 10-20L/ha.
ANNUAL FERTILISER	Applying Biostimulants will enhance plant development and drive yield response.	EM Fert Enhance 5-10Kg/ha; EM Soil & Crop 10-20L/ha; EM Plant Stimulant 1-3L/ha.
TRANSPLANTING/TREE DEVELOPMENT	Use EM to inoculate seeds or transplants. EM will boost soil health and will suppress soil borne pathogens, both through their direct action and the probiotic substances they produce. EM Foundation is designed to stimulate fungi activity, specifically Mycorrhizal Fungi to enhance nutrient delivery and root health.	EM Foundation - 10-20L/ha; EM Soil & Crop - 10-20L/ha.
PRE-FLOWERING/ FRUIT-SET/FRUIT FILL	Include EM Fulvic with all Foliar sprays to enhance nutrient uptake and fert response.	EM Fulvic 3-5L/ha.
	Include EM Amino with liquid N applications to enhance protein development and boost N uptake.	EM Amino 10-20L/ha.
	Applying biostimulants alongside fertiliser will enhance utilisation and plant response.	EM Fert Enhance 5-10Kg/ha; EM Soil & Crop 10-20L/ha; EM Plant Stimulant 1-3L/ha.
	Apply biostimulants to enhance plant development and drive yield response.	EM Plant Stimulant 1-3L/ha; EM Foliar Enhance 10-20L/ha.
DISEASE PRESSURE	Foliar spray EM during high disease pressure to boost plant health and disease resistance; EM will also ensure good vine health during stress periods	EM Foliar Enhance - 10-20L/ha; EM Soil & Crop - 10-20L/ha.