

Maize

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
SOIL PREPARATION	Enhancing deadmatter breakdown by using a biostimulant with knockdown herbicide spray. EM is an extremely effective digester and will breakdown the deadmatter from the previous crop providing food for the microbiology and also nutrition for the grass seed.	EM Fulvic - 1L/ha; EM Soil & Crop - 10-20L/ha.
	Maintaining organic matter levels in soil is important for microbial life, nutrient holding capacity and for maintaining moisture during the growing season. Building a healthy and functional soil microbiome gives growers the ability to tap into resources in the soil.	EM Foundation - 10-20L/ha; EM Soil & Crop - 10-20L/ha.
PLANTING	Seed treatment is a cost effective way to ensure a fast germination and adding and stimulating biology around the seed will lead to improved water and nutrient access and crop resilience. EM Plant Stimulant contains the beneficial strains of EM while including key plant growth hormones to enhance seed germination.	EM Soil & Crop - Create seed bath with EM 1/100 Dilution (EM to water) and soak seeds (for 30 mins); EM Plant Stimulant - 1L per tonne of seed.
	Applying biostimulants alongside fertiliser will enhance nutrient utilisation and plant response.	EM Fert Enhance 5-10Kg/ha; EM Soil & Crop 10-20L/ha; EM Plant Stimulant 1-3L/ha.
4TH-8TH LEAF	Apply biostimulants to enhance plant development and drive yield response.	EM Plant Stimulant 1-3L/ha; EM Foliar Enhance 10-20L/ha.
CROP DEVELOPMENT	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.