

NZBioActive™

Biostimulant

SEAWEED-BASED PLANT PROTECTION

NZBioActive™ is a formulated biostimulant containing wild-harvested fresh seaweed that provides crucial micronutrients and bioactive compounds for maximum plant health and growth, that protect your yield from abiotic stressors such as drought, salinity, or heat.

-  ABIOTIC STRESS MANAGEMENT
-  STIMULATIVE GROWTH
-  TRACE MINERALS
-  ORGANIC PRODUCT

Superior yields, naturally



Waikaitu 

Maximise Crop Health

waikaitu.com

NZBioActive™ contains seaweed extract made exclusively from freshly wild-harvested seaweed grown in the pristine waters of the Marlborough Sounds and processed using sustainable extraction techniques without the use of chemicals or heat.

This carefully formulated product is suitable for conventional and organic farming operations that aim towards healthy crops and high yields through improved nutrient uptake efficiency, healthy soil biota and stress resilience of their crops during periods of drought, frost, salinity, and heat. Seaweed extracts contain high concentrations of trace minerals, amino acids and bioactive compounds that promote plant growth and vigor and improve the plants' resilience to abiotic stresses.

Suitable for foliar, soil and fertigation applications and can be used in conjunction with spray programs to reduce application passes.

Key benefits

- Bio-stimulative properties
- Plant resilience to abiotic stressors
- High concentration of trace minerals
- Growth promoting

Composition:

	(%*)
Nitrogen (N)	0.3
Phosphorous (P)	0.005
Potassium (K)	0.5
Organic matter	6
Trace elements	mg/L
Boron (B)	21
Calcium (Ca)	250
Iron (Fe)	5
Magnesium (Mg)	6000
Sodium (Na)	16000
Sulphur (S)	3500

*Natural variations in nutrient composition can occur

How to use:

Foliar	Dilution	Application
Agriculture	1:100	4–5L/ha, 2–3 times during vegetative growth stage with 3–4 intervals
Horticulture	1:100	4–5L/ha, 4-week intervals during vegetative growth stage

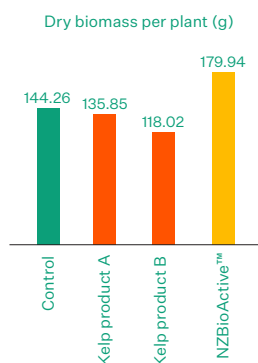
Mixing:

Suitable for all common sprayers and spray nozzles and is compatible with most standard crop protection treatments. Please see our mixing guide for further information.

Trial Data:

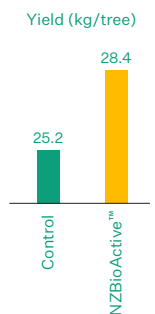
Crop: Corn **Location:** California
Analyst: California State University in Fresno
Application: 4.7L/ha

	Dry biomass per plant (g)
Control	144.26
Kelp product A	135.85
Kelp product B	118.02
NZBioActive™	179.94



Crop: Avocado **Location:** Israel
Analyst: Eran Barak
Application: 0.2% at 4 applications

	kg/tree
Control	25.2
NZBioActive™	28.4



Crop: Winter wheat **Location:** Ukraine
Analyst: Terra Tarsa
Application: 0.5L/ha

	Control	NZBioActive™
Avg plant height (cm)	93.5	100
Wheat spike	8.1	9.5
Grains per spike	38.3	45.6
Weight of 1000 grains (g)	34.2	36.6

