Xtra BrixOne

Bio-stimulant for ripening and sugar content improvement

SIZE | 1L 5L 20L

XTRA BrixOne is an algal extract for plant bio-stimulation mainly formulated to enhance crop quality traits in particular structure, size and quantity of yields:

- **BOOSTS PLANT NUTRIENTS UPTAKE**
- **ENHANCES BIOTIC AND ABIOTIC STRESS TOLERANCE DURING MATURATION**
- **BIO-STIMULATION ACTIVITY ON FURTHER GROWTH OF YIELDS: UNIFORMS AND IMPROVES SIZE**
- **IMPROVES FRUIT QUALITY: COLOUR AND SUGAR CONTENT**

Ripening and sugar content improvement

Effect of algal extract application on fruit size and maturation (Left: trees with algal extract application. Right: Control).

FERTIMORE

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Xtra BrixOne

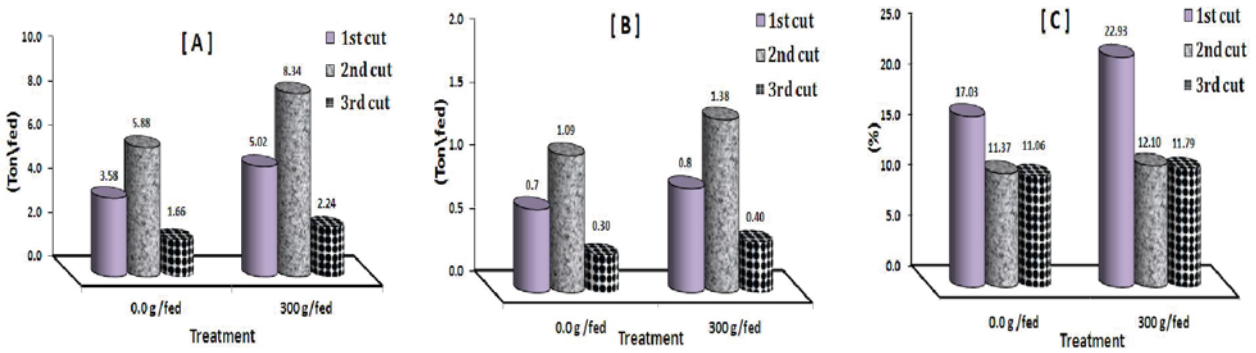
USE | Fertiliser for agriculture

Xtra BrixOne: Complete and balanced formula with all elements required for an exceptional fruitage.

COMPOSITION	CONCENTRATION
Total Nitrogen (N)	3%
Organic Nitrogen (N)	1%
Ureic Nitrogen (N)	2%
Water-soluble Potassium Oxide (K_2O)	12%
Water-soluble Magnesium Oxide (MgO)	83 ppm
Organic Carbon (C)	8%
C/N Ratio	2.7
pH	7.2
Colour	Dark Brown

FACTS

ALGAL EXTRACT	Organic purified compounds, which include polysaccharides, laminarin, alginates and their breakdown products
ORGANIC CARBON (OC)	Main source of energy for soil microorganisms
LOW C/N RATIO	Determinates carbon quality and availability (mineralised and ready for uptake), and regulates decomposition and fertility in soils
WATER-SOLUBLE MAGNESIUM	Activation of the enzymatic processes through compounds hydrolysis and stabilisation



Effect of algal application on fresh weight (A), dry weight (B) and protein (C) of Alfalfa plant (El Sayed et al. 2015).

El Sayed S.A.A., Hellal F.A., Nofal O.A., El Karamany M.F. and Bakry B.A.; (2015). Influence of algal extracts on yield and chemical composition of moringa and alfalfa grown under drought condition. International Journal of Environment, 4 (2): 151-157.

APPLICATION | The high quality of raw material used in XTRA BrixOne makes the product ideal for 2-3 foliar applications, on all crops, at the final growth stages. If needed, the product could also be used by fertigation, but it is recommended to discuss the case-specific conditions with an agronomist.

CROP	FERTIGATION	FOLIAR*	GROWTH STAGE
Field Crops	3 - 6 L/ha	200 - 300 mL/100 L	Fruit set, fruit growth and ripening
Vegetables	4 - 8 L/ha	250 - 400 mL/100 L	Fruit set, fruit growth and ripening
Fruit Trees	5 - 10 L/ha	250 - 500 mL/100 L	Fruit set, fruit growth and ripening
Protected agriculture (greenhouse, glasshouse, etc.)	0.5 - 2 L/1000 m^2	100 - 500 mL/100 L	Fruit set, fruit growth and ripening

* The rates are calculated considering a volume of 500-600 L of mixed solution per hectare, for foliar use.