

CROPUP®

High Performing Certified Organic Farming Input

- A new all-in-one pelleted organic fertiliser and soil conditioner carefully designed by our scientific team for application to soil.
- An organic farming input based on naturally-derived components - manure compost, molasses, humates and activated zeolite.
- Advanced input of carbon, natural sugars and complete nutrient requirements for organic growth with the added benefit of adaptive release mechanisms provided by the presence of activated zeolite.

Benefits of SOSBio's Pelleted CropUp® Fertiliser

- Presence of natural sugars promotes the development of a rich rhizosphere through the presence of molasses and other rich organic nutrients attractive to naturally occurring microbial communities – helping them flourish and expand in the surrounding region.
- By attracting natural microbial communities' nutrient assimilation is enhanced at the root interface.
- Compared to other marketed organic fertilisers, the unique formulation of CropUp® promotes the breakdown of the pelleted product's organic material over a shorter timeframe while still facilitating an adaptive release function to accommodate plant needs as they need them.
- The adaptive release function of the CropUp® pellet ensures that although organic material is decomposed at a more efficient rate than traditional organic fertilisers, the released nutrients are retained in the root environment over much longer timeframes than expected – ensuring a higher amount of nutrient availability across successive crop rotations.
- The cation-exchange capacity provided by the activated zeolite provides a means to decrease nutrient run-off while also enhancing water retention in the soil.
- Water and nutrient retention are enhanced even further due to the natural mode of action provided by the presence of humates in the CropUp® formulation.

Product Composition

- CropUp® has the perfect combination of all major and trace nutrients derived from composted manure required by plants for effective growth from seedling through vegetative and even final fruit-yielding phases – well optimised NPK ratio.
- The presence of natural humates provides the advantage of quality nutrient chelation for plant root availability – humates bind nutrient elements (chelation) and hold them in a form more readily available to plant roots in the rhizosphere.
- Activated zeolite enables advanced nutrient availability and water retention through adaptive release mechanisms.

*Organic nature of product means that exact nutrient levels will vary amongst different batches. Table merely serves as an average guide.

Typical Analysis*			
N	2.80 %	Fe	0.43 %
P	1.10 %	C	28.0 %
K	1.90 %	Humates	0.26 %
Ca	2.50 %	Cu	167 mg/kg
Mg	0.75 %	Zn	470 mg/kg

Proposed CropUp® Application rates

Crop or plant type	CropUp®*	Area covered
Vegetables, fruit, orchards, turf and gardens	50-100 g	m ²
	1 tonne	ha
(Vary according to crop requirements)		
*For best results mix CropUp® into soil prior to planting		

Summary information

- Advanced pelleted input for organic farming and those wishing to convert from synthetic systems.
- Superior formulation providing advanced nutrients to plants and acting as attractants to microbial life.
- Enhanced release and retention mechanisms provided in duality by activated zeolite and natural humates.
- Certified allowed input for organic farming.
- Approved safety certification by third party shows absence of pathogenic material.
- SDS available on request.



CropUp® is a product of Sustainable Organic Solutions Pty Ltd.
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