

Primer CoMo Bio 12 & 33

FUNCTION

Molybdenum and cobalt are key elements in plant metabolism which have many functions.

MOLYBDENUM

Taken up as MoO_4 , molybdenum plays a vital role in the enzyme processes that convert nitrogen into amine. As a result, low molybdenum status is very similar to nitrogen stress.

In addition, plants with insufficient molybdenum can display problems with stem extension and leaf expansion.

Being very mobile in most soils, molybdenum availability is often low.

COBALT

Cobalt is a co-factor in the formation of the vitamin B group, particularly B12, and is of major significance to leguminous plants as this affects nitrogen fixation.

Not generally a problem in most temperate crops. However, cobalt stress can be a major factor in the development and performance of crops such as ground nuts, navy beans and soya beans.

DESCRIPTION

Primer CoMo Bio 12 & 33 are high concentration suspension seed treatments containing cobalt, molybdenum and a natural biostimulant.

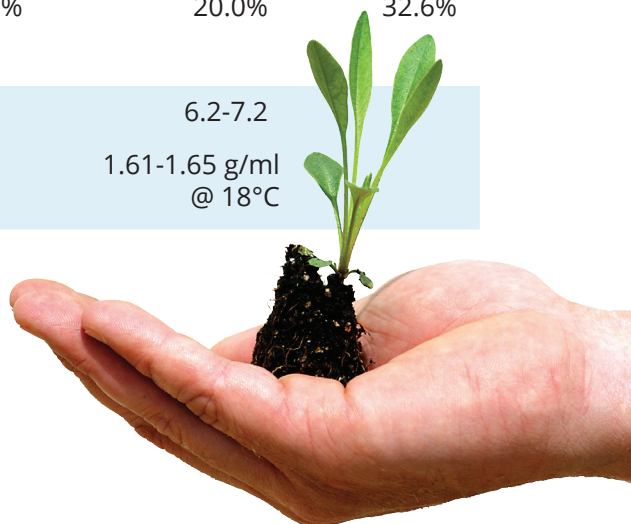
The application of Primer CoMo Bio 12 & 33 to the seed ensures the crop has the best start possible by providing optimum levels of cobalt and molybdenum for nitrogen processing, stem elongation, leaf expansion and nitrogen fixation.

The natural biostimulant promotes rapid root development by providing natural auxins and cytokinins in the correct ratio. This dual action early root and shoot development promotes even germination and allows the crop to rapidly take up water and nutrients. Treated plants are better able to withstand stress and to optimise yield potential.

Analysis of Primer CoMo Bio 12 & 33

		Primer CoMo Bio 12		Primer CoMo Bio 33	
		Wt/Wt*	Wt/Vol	Wt/Wt*	Wt/Vol
Molybdenum	Mo	10.0%	12.9%	20.0%	32.6%
Cobalt	Co	1.0%	1.3%	1.0%	1.6%
Natural Biostimulant		10.0%	12.9%	20.0%	32.6%
pH (10% solution)		5.9-6.9		6.2-7.2	
Specific Gravity		1.27-1.31 g/ml @ 18°C		1.61-1.65 g/ml @ 18°C	

*For registration purposes Wt/Wt concentrations are recommended.



**Always shake container
before opening**



Application rates:

CROP	PRODUCT	DOSE	TIMING OF APPLICATION
Soya bean	Primer CoMo Bio 12	0.3 - 0.5 ltr/100kg seed	Seed Treatment
	Primer CoMo Bio 33	0.1 - 0.2 ltr/100kg seed	Seed Treatment



TANK MIXING COMPATIBILITY

OMEX Primer CoMo Bio 12 & 33 is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, OMEX cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used.

PRECAUTIONS

OMEX Primer CoMo Bio 12 & 33 should be stored in frost free conditions with optimum storage range between 5-40°C. OMEX Primer CoMo Bio 12 & 33 is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

PACKING: OMEX Primer CoMo Bio 12 & 33 is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.

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