

Potatoes

Growing a healthy crop

Whether you're growing for seed or ware, it's vital you're growing a healthy crop. Healthier crops are much better able to withstand stresses and pressures than a crop with a low nutritional level.

The below programme suggests how you can utilise an ICM, integrated crop management, programme packed full of beneficial and science proven nutrition to achieve your growing goals.



Nutrition for Potato Growth Stages



Seed	Est- abishment	Vegetative Growth	Tuber Initiation	Bulking	Maturity
Biomex	Bio 20		CalMax	Bio 20	
				SuperMn	
				Folex Mg 9	
				Folex K 39	
			Zynergy*		

Have a question?
Contact our team

Potato Programme - A step by step guide

Timing	Product	Description	Rate (L/Ha)	Water rate (L/ha)
At planting	Biomex Starter	Microbial biostimulant	1	
2 nd blight spray	Bio 20	Foliar feed	3	200
3 rd blight spray	SuperMn	Foliar manganese	1.5	200
Tuber Initiation start	CalMax/CalMax Ultra	Foliar calcium	1	200
4 th blight spray	Bio 20	Foliar feed	3	200
	Folex Mg 9	Foliar magnesium	3	200
5 th blight spray	Super Mn	Foliar manganese	1.5	200
	Calmax Ultra	Foliar calcium	1	200
6 th blight spray	Bio 20	Foliar feed	3	200
	Folex Mg 9	Foliar magnesium	3	200
7 th blight spray	SuperMn	Foliar manganese	1.5	200
	Folex K 39	Foliar potassium	3	200
8 th blight spray	Bio 20	Foliar feed	3	200
	Folex Mg 9	Foliar magnesium	3	200
9 th blight spray	SuperMn	Foliar manganese	1.5	200
	Folex K 39	Foliar potassium	3	200
10 th blight spray	Folex Mg 9	Foliar magnesium	3	200

* Apply Zynergy with blight spray when required to improve plant health and disease tolerance.

Product Overview



Bio 20

Provides the benefits of naturally occurring kelp and a balanced combination of macro and micronutrients. The biostimulants and nutrients found in Bio 20 improve root growth and nutrient uptake to a greater level in combination. Bio 20 can be used to the best effect when the plant is under stress.

Analysis	w/w	w/v
Nitrogen (N)	10.0%	15.0%
Calcium (CaO)	15.0%	22.5%
Magnesium (MgO)	2.0%	3.0%
Manganese (Mn EDTA)	1000 mg/kg	1500 mg/L
Iron (Fe EDTA)	500 mg/kg	750 mg/L
Boron	500 mg/kg	750 mg/L
Copper (Cu EDTA)	400 mg/kg	600 mg/L
Zinc (Zn EDTA)	200 mg/kg	300 mg/L
Molybdenum	10 mg/kg	15 mg/L

Analysis	w/w	w/v
Biostimulant	18.5%	28%
Nitrogen (N)	13.2%	20.0%
Phosphate (P ₂ O ₅)	13.2%	20.0%
Potassium (K ₂ O)	13.2%	20.0%
Magnesium (MgO)	1.0%	1.5%
Iron (Fe EDTA)	960mg/kg	1460mg/L
Manganese (Mn EDTA)	480mg/kg	730mg/L
Copper (Cu EDTA)	480mg/kg	730mg/L
Zinc (Zn EDTA)	480mg/kg	730mg/L
Boron	190mg/kg	290mg/L
Cobalt (Co EDTA)	8mg/kg	12mg/L
Molybdenum	8mg/kg	12mg/L

CalMax

Is a specially formulated calcium foliar feed to provide balanced uptake and improved utilisation of nutrients by the plant.



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OMEX Potato Briefing



Potato Overview



Zynergy

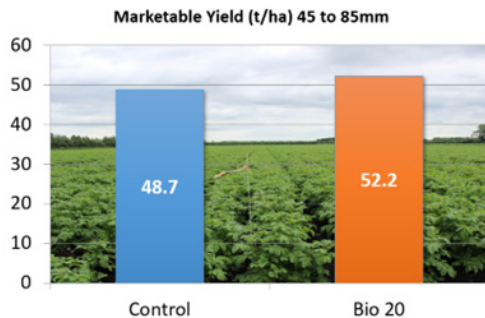
is a specially formulated combination of highly available copper and zinc and is designed to form a key part of an integrated crop management programme to boost crop health and maximise yield potential.

Analysis	w/w	w/v
Copper (Cu)	2.0%	2.5%
Zinc (Zn)	3.5%	4.5%
Sulphur (SO ₂)	7.5%	9.0%

Trials Overview

Bio 20 on Potatoes

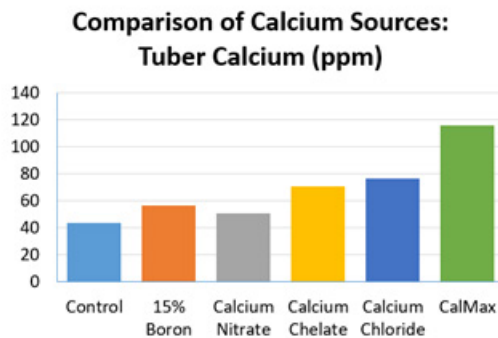
- Variety: Maris Piper
- Cambridgeshire, UK, 2013
- Single application of Bio 20 3 l/ha during canopy development



CalMax on Potatoes



Best Calcium source for
Potatoes



Picasso, 1996. All Ca treatments applied at 360 g/ha Ca



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