Peters® Excel

CalMag Finisher 13-5-20+7Ca0+2MgO+TE

Product Information

Peters Excel CalMag Finisher
Peters Excel products offer unique formulations. providing the ability to deliver complete plant nutrition using only a single-concentrate stock tank. Peters Excell product take into account the quality of irrigation water for the ultimate in usability.



Guaranteed analysis

13%	**TOTAL NITROGEN (N)**
	10.8% nitrate nitrogen (NO_3-N)
	2.2% urea nitrogen (Ur-N)
5%	**PHOSPHORUS PENTOXIDE (P_2O_5)**
	Soluble in neutral ammonium citrate and in water, 5.0% water soluble
20%	**POTASSIUM OXIDE (K_2O)**
	20.0% water soluble
7.0%	CALCIUM OXIDE (CaO)
2.0%	MAGNESIUM OXIDE (MgO)
0.02%	Boron (B)
0.015%	Copper (Cu) chelated by EDTA
0.12%	Iron (Fe) chelated by DTPA
0.06%	Manganese (Mn) chelated by EDTA
0.010%	Molybdenum (Mo)
0.015%	Zinc (Zn) chelated by EDTA

Product characteristics

EC at 1 g/l (25°C)	: 1.0 mS/cm; measured in water with 50mg/l HCO3
Maximum solubility	: 32 kg / 100 liter water (25°C)
Acidity(A)/Basicity(B)	: B 0.117 kg $CaCO_3$/kg
Packaging details	: 15 kg, plastic bag
Product code	: 2150



Features and benefits of Peters Excel CalMag Finisher

- The pH of the soil remains stable as a result of the HCO_3- buffering effect.
- Improves the quality of the irrigation water and reduces the EC value.
- High level of chelated trace elements ensures perfect color and growth.
- Prevents blockage of drippers and keeps irrigation systems clean.
- Maximum availability and absorbability because of M-77 chelating complex.

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Original level of Bicarbonate in the irrigation water		Peters Excel containing 5% P_2O_5					
		0.5 g/l Excel		1 g/l Excel		1.5 g/l Excel	
mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol
200	3.3	180	3	160	2.6	140	2.3
250	4.1	230	3.8	210	3.4	190	3.1
300	4.9	280	4.6	260	4.2	240	3.9
Original level of Bicarbonate in the irrigation water		Peters Excel containing 10% P_2O_5					
		0.5 g/l Excel		1 g/l Excel		1.5 g/l Excel	
mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol
200	3.3	160	2.6	110	1.8	70	1.1
250	4.1	210	3.4	160	2.6	120	1.9
300	4.9	260	4.2	210	3.4	170	2.7

Mixability of Peters Excel		
	Peters Excel	Peters Excel for
$Ca(NO_3)_2$*	Yes	Yes
KNO_3	Yes	Yes
NH_4NO_3	Yes	Yes
$Mg(NO_3)_2$	Yes	Yes
$MgSO_4$	No	Yes
Phosphoric acid	Yes	Yes
Nitric acid	Yes	Yes
Peters Excel for soft	Yes	Yes
Peters Excel for hard	Yes	Yes
Other phosphor containing water	No	No

**Before adding $Ca(NO_3)_2$ (Calcium nitrate) in the stock solution, first completely dillute the Peters Excel.*

Also available in the Peters Excel range

Analysis	Product name	Rooting	Growth	Condensed Growth	Flowering	Combination Single Fertilizers	Foliar Feed
15-5-15+7CaO+3MgO	CalMag Grower		✓				
13-5-20+7CaO+2MgO	CalMag Finisher			✓			
18-10-18+2MgO	Hard Water Grower		✓				
14-10-26+2MgO	Hard Water Finisher			✓			
15-14-25	Extra Acidifier			✓			

Directions for use

Peters Excel CalMag Finisher is often used as a follow-up fertilizer to Peters Excel CalMag Grower 15-5-15. Its high potassium formula leads to a more compact growth.
This Peters Excel product is a 'single-tank mix' solution providing plants with all the necessary nutrients from a single tank. The product can be mixed with calcium nitrate in the same tank (50:50%).

To ensure that this product dissolves completely, prepare the stock solution 1-2 hours before use, stir well or use warm water. Please contact your ICL Technical Area Sales Manager for a specific crop recommendation. Do not mix Peters Excel with any other NPK or phosphate containing fertilizer, except phosphoric acid.

Attention

Store the product in a cool, dry and ventilated place.
As circumstances can differ and as application of products is beyond our control, ICL Specialty Fertilizers cannot be held responsible for any negative results. With this publication, all previously given recommendations expire.
Before a new rate, product or application method is used, a small-scale trial is recommended.
Ask your local ICL distributor or the ICL Technical area sales manager for more information or recommendations.
Consult **www.icl-sf.co.uk/.ie** for your contact in the region.

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