

## Product Information

# Peters<sup>®</sup> Excel<sup>®</sup>

## CalMag Finisher

## 13+5+20+TE



### PRODUCT DESCRIPTION

A well-known problem: soft water does not contain calcium or magnesium. These nutrient elements, which are indispensable for plants, need to be provided by fertilizers. Peters Excel 'CalMag' offers you a way of providing all these elements in one go and improves your water quality. This single-tank-mix is unique, simple and very effective!

M-77 is an important component in Peters Excel. This Scotts innovation optimizes the availability and absorbability of all nutrient elements according to the principle: 'it is not just about what you offer a plant; it is primarily about what the plant absorbs.'

### PRODUCT ADVANTAGES

- Specially developed for use in soft water, unique in its effects.
- Healthy growth due to continuous supply of calcium and magnesium
- Reliable system due to selected raw materials and chelated trace elements
- Perfect color and growth thanks to a high level of chelated trace elements
- Maximum availability and absorbability thanks to M-77 chelating complex
- Single-tank-mix concept: all nutrient elements in a single storage tank, including calcium

### DIRECTIONS FOR USE PETERS EXCEL CALMAG FINISHER

Often used as a follow-up to the 15+05+15 CalMag Grower. The high potassium formula leads to a more compact growth. The same principle applies to this Peters Excel product: a 'single-tank mix' solution providing the plants with all the necessary nutrients from a single tank.

### RECOMMENDED APPLICATION RATES

Continuous feeding	0,5 – 1,5 g/liter
Occasional feeding (e.g. 1 x week)	0,8 – 2,0 g/liter

To ensure that this product dissolves completely, prepare the stock solution 1-2 hours before use, stir well or use warm water.

Please contact us for a specific crop recommendation.



Do not mix Peters Excel with any other NPK or phosphate containing fertilizer, except phosphoric acid.

Store under dry conditions. Partly used or damaged bags should be closed well.



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Growing success

## GUARANTEED ANALYSIS

<b>13%</b>	<b>TOTAL NITROGEN (N)</b> 10,8% Nitrate nitrogen 2,2% Urea nitrogen
<b>5%</b>	<b>PHOSPHORUS PENTOXIDE (P<sub>2</sub>O<sub>5</sub>)</b> Soluble in neutral ammonium citrate and in water, 5% water-soluble
<b>20%</b>	<b>POTASSIUM OXIDE (K<sub>2</sub>O)</b> 15% Water-soluble
<b>7,00%</b>	<b>Calcium oxide (CaO)</b>
<b>2,00%</b>	<b>Magnesium oxide (MgO)</b>
<b>0,02%</b>	<b>Boron (B)</b>
<b>0,015%</b>	<b>Copper (Cu)</b> chelated by EDTA
<b>0,12%</b>	<b>Iron (Fe)</b> chelated by DTPA
<b>0,06%</b>	<b>Manganese (Mn)</b> chelated by EDTA
<b>0,010%</b>	<b>Molybdenum (Mo)</b>
<b>0,015%</b>	<b>Zinc (Zn)</b> chelated by EDTA

## PRODUCT CHARACTERISTICS

EC at 1 g/l (25°C):	1,0 mS/cm
Maximum solubility:	32,5 kg / 100 liter water (25°C)
Acidity(A)/Basicity(B):	B 0,117 kg CaCO <sub>3</sub> /kg Peters
Bag Coverage:	15 kg
Product code:	2150

## ATTENTION

Trial first on a small scale before rate, application or other changes in your cultural practices are implemented. As circumstances can differ and as the application of our products is beyond our control, Scotts cannot be made responsible for any negative results.

### Bicarbonate reduction by Peters Excel

Original level of Bicarbonate in the irrigation water		Peters Excel with 5% P <sub>2</sub> O <sub>5</sub> in the product					
		0,5 g/l Excel		1,0 g/l Excel		1,5 g/l Excel	
mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l
200	3,3	180	3,0	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 with 10% P <sub>2</sub> O <sub>5</sub> in the product					
		0,5 g/l Excel		1,0 g/l Excel		1,5 g/l Excel	
mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l	mg/l	mmol/l
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 for soft water	Peters Excel for hard water
Ca (NO <sub>3</sub> ) <sub>2</sub>	Yes	Yes
KNO <sub>3</sub>	Yes	Yes
NH <sub>4</sub> NO <sub>3</sub>	Yes	Yes
Mg(NO <sub>3</sub> ) <sub>2</sub>	Yes	Yes
MgSO <sub>4</sub>	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 soluble fertilizers	No	No

(At least 50% of the solution should be Peters Excel)

## OTHER AVAILABLE PETERS EXCEL PRODUCTS

Peters	Analysis	Productname						
Excel	15+5+15	CalMag Grower		☺				
Excel	13+5+20	CalMag Finisher			☺			
Excel	18+10+18	Hard Water Grower		☺				
Excel	14+10+26	Hard Water Finisher			☺			
Excel	15+15+25	Extra Acidifier			☺			