

Product Information

Peters[®] Excel[®]

Extra Acidifier

15+15+25+TE



PRODUCT DESCRIPTION

Hard water has specific characteristics requiring a special fertilizer; a fertilizer that ensures that the bicarbonate present in the water is neutralized. Products in the Peters Excel 'Acidifier' range have a bicarbonate-neutralizing effect and thus ensure a stable pH level in the soil. This is a basic requirement for the good growth of your plants. Peters Excel therefore helps to improve your water quality. 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 PETERS EXCEL

- Specially developed for use in hard water and therefore unique in its effects
- The pH of the soil remains stable due to the HCO₃⁻ buffering effect
- Improves the quality of the water used for watering by reducing the EC value of it
- Perfect color and growth thanks to a high level of chelated trace elements
- Prevents blockage of drippers and keeps irrigation systems clean
- Optimum availability and absorbability thanks to M-77 chelating complex

DIRECTIONS FOR USE PETERS EXCEL EXTRA ACIDIFIER

Special formulation for hard irrigation water with high levels of bicarbonate. Has a stronger acidifying effect compared to other Peters Excel acidifiers. Additional acidification of the water may sometimes be necessary, depending on the bicarbonate levels.

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

15%	TOTAL NITROGEN (N) 8,9% Nitrate nitrogen 6,1% Urea nitrogen
15%	PHOSPHORUS PENTOXIDE (P₂O₅) Soluble in neutral ammonium citrate and in water, 15% water-soluble
25%	POTASSIUM OXIDE (K₂O) 25% Water-soluble
0,90%	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):	0,8 mS/cm
Maximum solubility:	25 kg / 100 liter water (25°C)
Acidity(A)/Basicity(B):	A 0,095 kg CaCO ₃ /kg Peters
Bag Coverage:	15 kg
Product code:	2153

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 ₂ O ₅ 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 ₂ O ₅ 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 ₃) ₂	Yes	Yes
KNO ₃	Yes	Yes
NH ₄ NO 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 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			☺			