



FER  
TUM®

# SILICIUM PK

## SEAWEED EXTRACT 0-10-7

Made by: PATAGONIA BIOTECNOLOGÍA S.A. in CHILE  
Guaranteed & Distributed by: FERTUM USA Inc.  
46 Rock Lane, Berkeley,  
CA 94708

www.fertum.cl

Bar Code

Date of Manufacture

Shelf life: 2 years

NET CONTENT:

6 Gal./22.7 L

0 - 10 - 7

### GUARANTEED ANALYSIS

Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ...10%  
Soluble Potash (K<sub>2</sub>O) .....7%  
Derived from: Durvillaea antarctica,  
Macrocystis pyrifera, Phosphoric  
Acid, Rock Phosphate

### ALSO CONTAINS NONPLANT FOOD INGREDIENT

0.57% Silicon Dioxide (SiO<sub>2</sub>)  
Derived from: Diatomaceous Earth

Net Contents.....6 gal./22.7 l  
Net Weight: .....58.32 lbs/26.51 kgs

**Compatibilities:** **FERTUM® SILICIUM PK** is compatible with most phytosanitary products; however, avoid mixing with pure products like: unchelated calcium, phosphoric acid or nitric acid, and products with a strong alkaline reaction. We recommend you perform physical compatibility tests with mixtures. **FERTUM® SILICIUM PK** must be incorporated as the last component of a mixture. Avoid concentrated tank mixes with a final pH below 5.

### General Information:

**FERTUM® SILICIUM PK** can be used in food crops, ornamentals and turf, in combination with existing fertilizer program, both in soil and foliar applications.

**Caution:** Store in a dark and cool place. Keep away from direct sunlight. **FERTUM® SILICIUM PK** is not toxic or dangerous for the user or the environment. Not flammable. If product comes in contact with eyes or skin, flush with water. Wear protective clothing required by local workers safety regulations. Keep out of the reach of the children and pets.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>.

### Recommendations for the use of FERTUM® SILICIUM PK

Directions for use: Dilute dosage in a minimum of 20 gallons of water or the usual amount used for spraying 1 acre.

Crop	Application Stage	Dosage pints/ acre	Nº Applic.
<b>Annuals</b>			
Cereals (corn, maize, sorghum)	Apply to plants with 4-6 leaves	2.5-4.5	2-3
Sugar beet	Apply to plants with 4-6 leaves. Repeat every 15 days.	2.5-3.5	2
Wheat, oats, barley, lupines, rapeseed	Apply to plants with 4 true leaves	2	2-3
<b>Fruit Trees and Vines</b>			
Apples, pears, quince	From 1" size fruit till the beginning of color change, every 15 days.	2.5-3.5	2-3
Blueberries, raspberries, blackberries, other berries	During sprouting apply to foliage. Repeat 15 days after.	2.5-3.5	2
Kiwis	8"-12" shoots - Repeat before flowering	2.5-3.5	2-4
Oranges, lemons, mandarins, other citrus, avocado	Induction of new shoots during spring and autumn.	2.5-3.5	3-5

Crop	Application Stage	Dosage pints/ acre	Nº Applic.
Stone fruit, oranges, lemons, mandarins, other citrus, walnuts	Apply after fruit set 15 days.	2.5-3.5	3-4
Strawberries	Fruit development and growth.	2.5	2
Table, wine and pisco grapes	Apply on 12" shoots and repeat just before flowering.	2.5-3.5	2-4
	Apply between berry set and veraison, to improve berry and stem condition.	2.5-3.5	2-4
<b>Vegetables</b>			
Potatoes	One week after plant emergence.	2	2-3
Vegetable nurseries	Saturation of the substrate with irrigation before sowing. Dilute at a 1% rate.	Irrigation at 5%	
<b>Others</b>			
Flowers and lawn	Apply every 7-10 days.	Irrigation at 2-3%	
Forage crops, permanent pastures	Beginning of the fast growth stage-3 weeks later-Repeat application after each mowing.	3.5-4.5	4-5
Forest nurseries (open-air)	First sprouts - Repeat every 10 days.	Irrigation at 5%	

NOTICE: The seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. The buyer shall assume all risks of use including, but not limited to crop injury, ineffectiveness or other unintended consequences as may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of the seller. In no case shall Fertum USA Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product.