



ORGANIC SILICIUM

SEAWEED EXTRACT 0-4-3



FER TUM[®]

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

www.patbio.com

Shelf life: 2 years

NET CONTENT:
6 Gal./22.71 L



Date of Manufacture

**0 - 4 - 3
GUARANTEED ANALYSIS**

Available Phosphate (P₂O₅)4%
Soluble Potash (K₂O) 3%
Derived from: Seaweed Extract (Durvillaea antarctica, Macrocystis pyrifera), Rock Phosphate

**ALSO CONTAINS NONPLANT FOOD
INGREDIENT**

0.90 % Silicon Dioxide (SiO₂) from Diatomaceous Earth
Net Contents.....6 gal/22.71 l
Net Weight:54,48 lbs/24,71 kgs

Compatibilities: FERTUM® ORGANIC SILICIUM 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® ORGANIC SILICIUM** must be incorporated as the last component of a mixture. Avoid concentrated tank mixes with a final pH below 5.

Recommendations for the use of FERTUM® ORGANIC SILICIUM

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	N° Applic.
Annuals			
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
Fruit Trees and Vines			
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

General Information:

FERTUM® ORGANIC SILICIUM 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® ORGANIC SILICIUM** 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>.

Crop	Application Stage	Dosage pints/acre	N° Applic.
Stone fruit, almond, olive, walnut, European hazelnut, cherries	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
Vegetables			
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%	
Others			
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.