

PhotoCAN™ Soil



CALCIUM NITRATE COMPATIBLE IRON NUTRITION



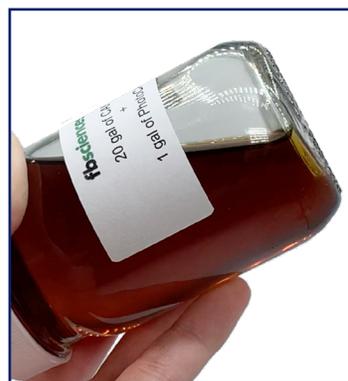
PhotoCAN™ Soil delivers the performance and technology of our top-selling iron product, PhotoGreen® Soil, and optimizes it to mix with calcium nitrate fertilizers, including CAN-17 and CN-9, for outstanding tank compatibility. PhotoCAN Soil is formulated with FBS Transit®, our proprietary nutrient use efficiency technology, and is strongly protected with natural chelating agents to deliver nutrients that are readily available and mobile in the plant. Together calcium, nitrogen, iron, and manganese pack a powerful punch to support plant health, but their incompatibility in the tank has always been a challenge. This advanced formulation solves this problem enabling these plant available nutrients to mix perfectly for increased flexibility.

- Compatible with Calcium Nitrate Fertilizers
- Strongly Protected with Natural Chelates and Organic Acids for Easy Uptake by Plant
- Increases Chlorophyll Formation & Photosynthetic Capacity
- Resolves Chlorosis from Zn, Mn & Fe Deficient Soils for Quick & Long-Lasting Green-Up
- Also Resolves Lime-Induced Fe & Mn Chlorosis

CAN-17 + PhotoCAN Soil Mixing Demonstration



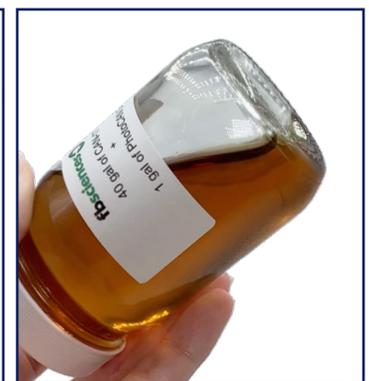
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1 day later



20:1
21 days later



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1 day later



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TECHNICAL INFORMATION

Importance of Iron in Plants

Iron (Fe) is essential in the plant's formation of chlorophyll which gives the plant its healthy green color and is essential for photosynthesis. Iron is the key to electron transfer in both photosynthesis and respiration. Iron is also an important cofactor in other enzyme driven processes like protein synthesis.

Importance of Manganese in Plants

Manganese (Mn) plays a key role in chlorophyll production. Because it is used to split the water molecule during Photosynthesis it is essential for plant health. Manganese also activates more enzymes than any other nutrient. It is especially important in the production of proteins that are part of the plant's natural defenses against disease.

RECOMMENDATION & COMPATIBILITY

For best results, use watered-in applications and apply 1-6 quarts of PhotoCAN Soil per acre as needed throughout the season. PhotoCAN Soil may be applied via irrigation system or prior to irrigation. Apply enough water to move the product into the area of active rooting, but not excessive amounts that may leach. Use the higher label rates with surface and flood irrigation.

DO NOT mix with other products in concentrated form without first adding water. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. A standard jar test is recommended before tank mixing.

See product label for complete Directions For Use.

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GUARANTEED ANALYSIS

Total Nitrogen (N)	1.0%
1.0% Nitrate Nitrogen	
Iron (Fe)	5.0%
5.0% Water Soluble Iron	
Manganese (Mn)	0.85%
0.85% Water Soluble Manganese	

Derived from: nitric acid, iron gluconate, and manganese gluconate.

Net Weight

9.5 lbs per Gallon @ 68° F

1.1 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

