

FlexCAN™ Soil



CALCIUM NITRATE COMPATIBLE ZN-FE-MN NUTRITION



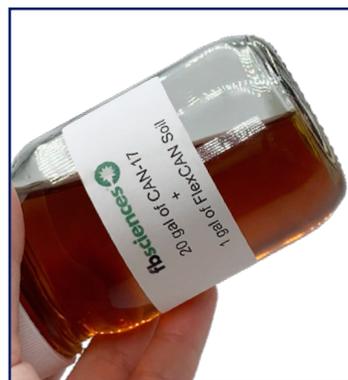
FlexCAN™ Soil is a premium, foliar-applied zinc, iron, and manganese product built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that together deliver highly efficient nutrients within the plant. FlexCAN Soil provides an advanced formulation of chelated zinc, iron, and manganese complexed with multiple low molecule weight organic acids and sugars. This convenient blend should be applied anytime during the growing season to fulfill plant demand. FlexCAN Soil is designed to boost canopy health and other crop aspects.

- Compatible with Calcium Nitrate Fertilizers
- Strongly Protected with Natural Chelates and Organic Acids for Easy Uptake by Plant
- Boosts Photosynthetic Production For Larger Crop Size, Weight, and Quality
- Resolves Chlorosis, Little Leaf, & Rosetting
- Improves Leaf & Canopy Function for Better Fruit and Kernel Development
- Helps Reduce Alternate Bearing Extremes

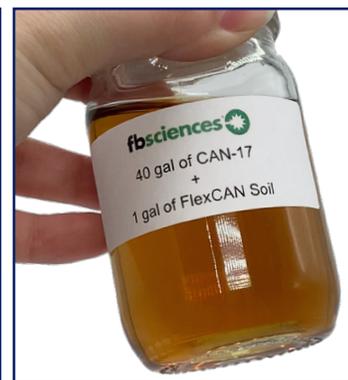
CAN-17 + FlexCAN Soil Mixing Demonstration



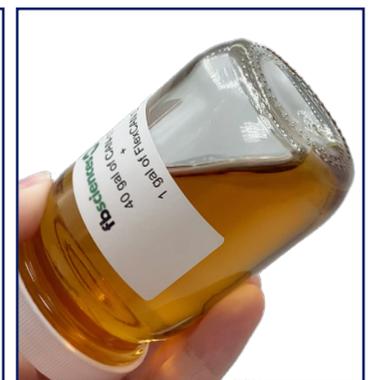
20:1
1 day later



20:1
21 days later



40:1
1 day later



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21 days later



TECHNICAL INFORMATION

Importance of Zinc in Plants

Zinc is an essential constituent of several important enzyme systems and affects many metabolic processes in the plant. Zinc controls the synthesis of the important plant growth regulator indoleacetic acid, which is crucial for active growing tips and leaf enlargement. When zinc is deficient, terminal growth areas are the first areas to be impacted. Zinc is crucial for stress mitigation and a key part of most antioxidant systems in the plant. It combines with copper to create the plant's most effective response to abiotic stresses. Zinc is also critical in bud differentiation, making it important for long-term productivity in vineyard and orchard crops.

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 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 all crops apply 1 to 8 quarts per acre throughout the growing season. Repeat as needed.

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. For best results, do not store combined with calcium nitrate or comparable products more than 72 hours when agitation is not available. A standard jar test is recommended before tank mixing.

See product label for complete Directions For Use.

1-0-0 GUARANTEED ANALYSIS

Total Nitrogen (N)	1.0%
1.0% Nitrate Nitrogen	
Iron (Fe)	1.0%
1.0% Water Soluble Iron	
Manganese (Mn)	1.0%
1.0% Water Soluble Manganese	
Zinc (Zn)	3.0%
3.0% Water Soluble Zinc	

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

Net Weight

9.6 lbs per Gallon @ 68° F

1.2 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

