

General Agriculture Application Information

For

SUGAR BEETS

Soil, Seed and Foliar Applications

Products:

The Bio-N-Liven Answer®

The Carbon Answer®

The Mineral Electrolyte Answer®

Note: Application rates are “general.”
They have been compiled over the previous 15 years
from field tests and long-term usage by growers.

Such tests are ongoing and this table will
be updated as more information
is made available.



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THE ANSWER® 2005 PRODUCT APPLICATION RATES

SUGAR BEETS

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Soil	Bio-N-Liven Answer® (Banded)	(10-15 fl. Oz./acre)	Preplanting	At least 1:100 Dilution rate may vary depending on the spray equipment used.	Banded. Ground. Spray diluted product in furrows.	INCREASED: Soil tilth, soil fertility, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH
Soil	Carbon Answer® (Banded)	(10-15 fl. Oz./acre)	Preplanting	At least 1:100 Dilution rate may vary depending on the spray equipment used.	Banded. Ground. Spray diluted product in furrows.	INCREASED: Soil tilth, soil fertility, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH
Soil	Bio-N-Liven Answer® (Broadcast)	Fertile Soil: (12 fl. Oz./acre) Moderate Soil: (16 fl. Oz./acre) Problem Soil: (24 fl. Oz./acre)	Preplanting	At least 1:100 Dilution rate may vary depending on the spray equipment used.	Broadcast. After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil tilth, soil fertility, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH
Soil	Carbon Answer® (Broadcast)	Fertile Soil: (9-10 fl. Oz./acre) Moderate Soil: (10-16 fl. Oz./acre) Problem Soil: (16-20 fl. Oz./acre)	Preplanting	At least 1:100 Dilution rate may vary depending on the spray equipment used.	Broadcast. After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil tilth, soil fertility, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH

APPLICATION COLOR GUIDE



SOIL



SEED



FOLIAR



THE ANSWER® 2005 PRODUCT APPLICATION RATES

SUGAR BEETS

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Seed	Bio-N-Liven Answer®	(2 fl. Oz./110 lbs. Seeds)	Planting	1:4	Spray diluted product in a fine mist to thoroughly coat seeds. Mix seeds until dry and they do not stick together. Do not keep treated seeds in direct sunlight. Plant seeds as usual.	IMPROVED: Plant emergence, vigor of seedlings, root development, resistance of seedlings to stress (low temperature, drought, diseases, etc.)
Seed	Mineral Electrolyte Answer®	(.5 fl. Oz./110 lbs. Seeds)	Planting	1:4	Spray diluted product in a fine mist to thoroughly coat seeds. Mix seeds until dry and they do not stick together. Do not keep treated seeds in direct sunlight. Plant seeds as usual.	IMPROVED: Plant emergence, vigor of seedlings, root development, resistance of seedlings to stress (low temperature, drought, diseases, etc.)

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SOIL
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Foliar	Bio-N-Liven Answer®	(12 fl. Oz./acre)	At 6-8 leaf stage and 2 to 4 times during season	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on foliage. For best uptake, apply product in evening or early morning. Heavy rain or aerial irrigation within 24 hours of application will diminish product effectiveness.	IMPROVED: Plant vigor, maturation time, yield, quality of beets
Foliar	Mineral Electrolyte Answer®	(3 fl. Oz./acre)	At 6-8 leaf stage and 2 to 4 times during season	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on foliage. For best uptake, apply product in evening or early morning. Heavy rain or aerial irrigation within 24 hours of application will diminish product effectiveness.	IMPROVED: Plant vigor, maturation time, yield, quality of beets
Foliar	Carbon Answer®	(1-2 fl. Oz./acre)	At 6-8 leaf stage and 2 to 4 times during season	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on foliage. For best uptake, apply product in evening or early morning. Heavy rain or aerial irrigation within 24 hours of application will diminish product effectiveness.	IMPROVED: Plant vigor, maturation time, yield, quality of beets

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