

General Agriculture Application Information

For

COTTON

Soil, Foliar and Seed 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.



Revised January 2005
www.ECandS.net



THE ANSWER® 2005 PRODUCT APPLICATION RATES

COTTON

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Soil	Bio-N-Liven Answer®	Broadcast: Fertile Soil: (24 fl. Oz./acre) Moderate Soil: (32 fl. Oz./acre) Banded: Fertile Soil: (9 fl. Oz./acre) Moderate Soil: (12 fl. Oz./acre) Problem Soil: (15 fl. Oz./acre)	Broadcast: Preplanting Banded: At planting time	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Banded - spray in furrows Broadcast - After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil tilth, soil fertility, organic matter, water holding capacity, drainage, soil aeration, neutralization of soil pH
Soil	Carbon Answer®	Same as above	Broadcast: Preplanting Banded: At planting time	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Banded - spray in furrows Broadcast - After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil tilth, soil fertility, organic matter, water holding capacity, drainage, soil aeration, neutralization of soil pH

APPLICATION COLOR GUIDE



SOIL



SEED



FOLIAR



THE ANSWER® 2005 PRODUCT APPLICATION RATES

COTTON

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
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. Use any conventional sprayer. Mix seeds together. Do not keep treated seeds in direct sunlight. Plant seeds as usual. Do not store treated seeds.	IMPROVED: Plant emergence, vigor of seedlings, root development, resistance of seedlings to stress (low temperature, drought, disease, 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. Use any conventional sprayer. Mix seeds together. Do not keep treated seeds in direct sunlight. Plant seeds as usual. Do not store treated seeds.	IMPROVED: Plant emergence, vigor of seedlings, root development, resistance of seedlings to stress (low temperature, drought, disease, etc.)

APPLICATION COLOR GUIDE



SOIL



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FOLIAR



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COTTON

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Foliar	Bio-N-Liven Answer®	(12 fl. Oz./acre)	Beginning of flowering (5-10% open flowers) and 2 or more additional applications, every 3 weeks, to increase brix and electro conductivity	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 using conventional spray equipment. For best uptake, apply product in the 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 cotton fibers and seeds
Foliar	Mineral Electrolyte Answer®	(3 fl. Oz./acre)	Beginning of flowering (5-10% open flowers) and 2 or more additional applications, every 3 weeks, to increase brix and electro conductivity	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 using conventional spray equipment. For best uptake, apply product in the 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 cotton fibers and seeds
Foliar	Carbon Answer®	(1 fl. Oz./acre)	Beginning of flowering (5-10% open flowers) and 2 or more additional applications, every 3 weeks, to increase brix and electro conductivity	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 using conventional spray equipment. For best uptake, apply product in the 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 cotton fibers and seeds

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SOIL



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FOLIAR