

# General Agriculture Application Information

For

## ALFALFA AND CLOVER 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.



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[www.ECandS.net](http://www.ECandS.net)



# THE ANSWER® 2005 PRODUCT APPLICATION RATES

## ALFALFA AND CLOVER

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Soil	Bio-N-Liven Answer®	Fertile Soil: (16 fl. oz./acre), Moderate Soil: (24 fl. Oz./acre), Problem Soil: (32 fl. Oz./acre)	New crops: preplanting, Established crops: Spring	Aerial - 1:20, 1:50; Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used.	Broadcast: Aerial or Ground, New crops: Incorporate into Soil, Established crops: apply to moist soil & within 3-5 days of rain.	INCREASED: soil tilth, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH.
Soil	Mineral Electrolyte Answer®	Fertile Soil: (3 fl. oz./acre), Moderate Soil: (6 fl. Oz./acre), Problem Soil: (8 fl. Oz./acre)	New crops: preplanting, Established crops: Spring	Aerial - 1:20, 1:50; Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used.	Broadcast: Aerial or Ground, New crops: Incorporate into Soil, Established crops: apply to moist soil & within 3-5 days of rain.	INCREASED: soil tilth, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH.
Soil	Carbon Answer®	Fertile Soil: (1-2 fl. Oz./acre), Moderate Soil: (3-4 fl. Oz./acre), Problem Soil: (4-5 fl. Oz./acre)	New crops: preplanting, Established crops: Spring	Aerial - 1:20, 1:50; Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used.	Broadcast: Aerial or Ground, New crops: Incorporate into Soil, Established crops: apply to moist soil & within 3-5 days of rain.	INCREASED: soil tilth, organic matter content, water holding capacity and drainage, soil aeration, neutralization of soil pH.
Seed	Bio-N-Liven Answer®	New Crops: (2 fl. Oz./110 lbs. Of seeds)	At planting	1:5	Spray diluted product in a line mist to obtain thorough coating of seeds. Use any conventional spray equipment. 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, root development, resistance of seedlings to stress (low temperature, drought, diseases, etc.)

**APPLICATION COLOR GUIDE**



SOIL



SEED



FOLIAR



# THE ANSWER® 2005 PRODUCT APPLICATION RATES

## ALFALFA AND CLOVER

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Seed	Mineral Electrolyte Answer®	New Crops: (.5 fl. Oz/110 lbs. Of seeds)	At planting	1:5	Spray diluted product in a line mist to obtain thorough coating of seeds. Use any conventional spray equipment. 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, root development, resistance of seedlings to stress (low temperature, drought, diseases, etc.)
Foliar	Bio-N-Liven Answer®	New Crops: (16 fl. Oz./acre)	Twice: First growth and after every second cutting at 4-6 leaf stage	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used	Broadcast: Aerial or ground. For best uptake, spray apply product in the evening or early morning. Heavy rain or aerial irrigation within 24 hours of application will diminish product effectiveness.	IMPROVED: Vigor of plant, regrowth, maturation, protein content, yield
Foliar	Mineral Electrolyte Answer®	New Crops: (4 fl. Oz./acre)	Twice: First growth and after every second cutting at 4-6 leaf stage	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used	Broadcast: Aerial or ground. For best uptake, spray apply product in the evening or early morning. Heavy rain or aerial irrigation within 24 hours of application will diminish product effectiveness.	IMPROVED: Vigor of plant, regrowth, maturation, protein content, yield.

**APPLICATION COLOR GUIDE**

SOIL    
  SEED    
  FOLIAR