

General Agriculture Application Information

For

SUNFLOWER

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.





THE ANSWER® 2005 PRODUCT APPLICATION RATES

SUNFLOWER

| Application Area | The Answer® Products | Application Rate | Application Time | Dilution Rate | Method of Application | Field Observations |
|------------------|---------------------------------|--|------------------|--|---|--|
| Soil | Bio-N-Liven Answer® (Banded) | (9 fl. Oz./acre) | Preplanting | Ground - at least 1:100 Dilution rate may vary depending on 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) | Good and Moderate Soil: (24 fl. Oz./acre) Problem Soil: (32 fl. Oz./acre) | Preplanting | Ground - at least 1:100 Dilution rate may vary depending on 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) | (9fl. Oz./acre) | Preplanting | Ground - at least 1:100 Dilution rate may vary depending on 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® (Broadcast) | Good and Moderate Soil: (10-15 fl. Oz./acre) Problem Soil: (16-24 fl. Oz./acre) | Preplanting | Ground - at least 1:100 Dilution rate may vary depending on spray equipment used. | Broadcast. After application, incorporate product into the 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

SUNFLOWER

| 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 obtain thorough coating of 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 (high 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 obtain thorough coating of 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 (high temperature, drought, disease, etc.) |

APPLICATION COLOR GUIDE



SOIL



SEED



FOLIAR



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SUNFLOWER

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|------------------|-----------------------------|--------------------|-------------------|---|--|---|
| Foliar | Bio-N-Liven Answer® | (12 fl. Oz./acre) | At star formation | Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used. | Spray diluted product on leaves. For best uptake, apply product in evening or early morning. Heavy rain within 24 hours of application will diminish product effectiveness | IMPROVED: Plant vigor, yield, maturation time, quality of seeds |
| Foliar | Mineral Electrolyte Answer® | (3 fl. Oz./acre) | At star formation | Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used. | Spray diluted product on leaves. For best uptake, apply product in evening or early morning. Heavy rain within 24 hours of application will diminish product effectiveness | IMPROVED: Plant vigor, yield, maturation time, quality of seeds |
| Foliar | Carbon Answer® | (1-2 fl. Oz./acre) | At star formation | Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on the spray equipment used. | Spray diluted product on leaves. For best uptake, apply product in evening or early morning. Heavy rain within 24 hours of application will diminish product effectiveness | IMPROVED: Plant vigor, yield, maturation time, quality of seeds |

APPLICATION COLOR GUIDE

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