

The Answer® Product Application Information



General Agriculture
Soil, Seed and Foliar
Application Information

for
Sunflower

Products:

The Bio-N-Liven Answer®
The Mineral Electrolyte Answer®
The Frozen-Flame Answer®
The Nano-Ag Answer®

Note: Application rates and information are for 'general use' only. They have been compiled over the previous 20 years from field tests, long-term usage and observations by growers and product Representatives. Such work is ongoing and this table may be updated as more information is made available. Please also read product labels and check with your product Representative.

© 1995, Rev: 2000 & 2017
15611 West 6th Avenue, Golden, CO 80401-5051, USA
www.ECandS.bio

NOTE: The "App. Rate" suggested is for a crops 'growing season'. Should you apply multiple times during the season, the amount indicated may be divided by that number of applications.

The Answer® Product Application Information

Sunflower

Soil Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
Bio-N-Liven Answer®	Banded - 9 fl oz/acre; 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; 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
Frozen-Flame Answer®	Banded - 9fl oz/acre; 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.	Banded - Ground - Spray diluted product in furrows; 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
Nano-Ag Answer® (Hydrated & Activated*)	Banded - 18 fl oz/acre; Broadcast - Good and Moderate Soil: 39 fl oz/acre; Problem Soil: 56 fl	Preplanting	Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Banded - Ground - Spray diluted product in furrows; 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

*Hydrate & Activate: For every 90 to 100 gm dry product, hydrate in approximately 3.8 lt (1 gl US) non-chlorinated water for 48 hrs in a cool place out of direct sunlight.

NOTE: The "App. Rate" suggested is for a crops 'growing season'. Should you apply multiple times during the season, the amount indicated may be divided by that number of applications.

The Answer® Product Application Information

Sunflower

Seed Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
Bio-N-Liven Answer®	2 fl oz/110 lb 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.
Mineral Electrolyte Answer®	0.5 fl oz/110 lb 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.
Nano-Ag Answer® (Hydrated & Activated*)	2.5 fl oz/110 lb 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.

*Hydrate & Activate: For every 90 to 100 gm dry product, hydrate in approximately 3.8 lt (1 gl US) non-chlorinated water for 48 hrs in a cool place out of direct sunlight.

NOTE: The "App. Rate" suggested is for a crops 'growing season'. Should you apply multiple times during the season, the amount indicated may be divided by that number of applications.

The Answer® Product Application Information

Sunflower

Foliar Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
Bio-N-Liven Answer®	12 fl oz/acre	At star formation	Aerial - 1:20 to 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
Mineral Electrolyte Answer®	3 fl oz/acre	At star formation	Aerial - 1:20 to 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
Frozen-Flame Answer®	1-2 fl oz/acre	At star formation	Aerial - 1:20 to 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
Nano-Ag Answer® (Hydrated & Activated*)	14 fl oz/acre	At star formation	Aerial - 1:20 to 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

*Hydrate & Activate: For every 90 to 100 gm dry product, hydrate in approximately 3.8 lt (1 gl US) non-chlorinated water for 48 hrs in a cool place out of direct sunlight.

NOTE: The "App. Rate" suggested is for a crops 'growing season'. Should you apply multiple times during the season, the amount indicated may be divided by that number of applications.