

General Agriculture Application Information

For

OIL PALM

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

OIL PALM

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Soil	Bio-N-Liven Answer®	(32 fl. Oz./acre)	Once a year. Before new growth, after final harvest	Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product in a ring around the trunk of tree, at a distance of 3 to 4 feet. After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil fertility, water holding capacity and drainage, soil aeration, organic matter content
Soil	Carbon Answer®	(32 fl. Oz./acre)	Once a year. Before new growth, after final harvest	Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product in a ring around the trunk of tree, at a distance of 3 to 4 feet. After application, incorporate product into soil. Rain or irrigation after application will improve performance.	INCREASED: Soil fertility, water holding capacity and drainage, soil aeration, organic matter content

APPLICATION COLOR GUIDE



SOIL



SEED



FOLIAR



THE ANSWER® 2005 PRODUCT APPLICATION RATES

OIL PALM

Application Area	The Answer® Products	Application Rate	Application Time	Dilution Rate	Method of Application	Field Observations
Seed	Bio-N-Liven Answer®	For transplanted seedlings only: (7 fl. Oz./acre) After transplanting: (7 fl. Oz./acre)	At transplanting After transplanting	1:100 Not less than 1:20	Dip the roots of seedlings in diluted product immediately after removing from seedbed and transplant to prepared holes. Water seedlings with remaining solution. AFTER transplanting, calculate dilution rate so recommended amount of product will be used/AC	IMPROVED: Survival of seedlings, regeneration and growth of root system, resistance of seedlings to stress (high temperature, drought, disease, etc.)
Seed	Carbon Answer®	Same as above	At transplanting After transplanting	1:100 Not less than 1:20	Dip the roots of seedlings in diluted product immediately after removing from seedbed and transplant to prepared holes. Water seedlings with remaining solution. AFTER transplanting, calculate dilution rate so recommended amount of product will be used/AC	IMPROVED: Survival of seedlings, regeneration and growth of root system, resistance of seedlings to stress (high temperature, drought, disease, etc.)

APPLICATION COLOR GUIDE





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OIL PALM

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 intensive plant growth (1-2 new leaves developed)	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on tree 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, fruit set, yield, oil content
Foliar	Mineral Electrolyte Answer®	(5 fl. Oz./acre)	Beginning of intensive plant growth (1-2 new leaves developed)	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on tree 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, fruit set, yield, oil content
Foliar	Carbon Answer®	(1-2 fl. Oz./acre)	Beginning of intensive plant growth (1-2 new leaves developed)	Aerial - 1:20, 1:50 Ground - at least 1:100 Dilution rate may vary depending on spray equipment used.	Spray diluted product evenly on tree 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, fruit set, yield, oil content

APPLICATION COLOR GUIDE

SOIL
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