

# The Answer® Product Application Information



General Agriculture  
**Soil, Seed and Foliar**  
Application Information

for  
**Oil Palm**

## 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.

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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

## Oil Palm

### Soil Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
<b>Bio-N-Liven Answer®</b>	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
<b>Frozen-Flame Answer®</b>	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
<b>Nano-Ag Answer® (Hydrated &amp; Activated*)</b>	64 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

\*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.

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# The Answer® Product Application Information

## Oil Palm

### Seed Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
<b>Bio-N-Liven Answer®</b>	For transplanted seedlings only: 7 fl oz/acre; After transplanting: 7 fl oz/acre	Before transplanting ; After transplant	1:100 Not less than 1:20	<b>Dip the roots</b> of seedlings in diluted product immediately after removing from seedbed and transplant to prepared holes. <b>Water</b> seedlings with remaining solution. <b>AFTER</b> transplanting, calculate dilution rate so recommended amount of product will be used/acre	IMPROVED: Survival of seedlings, regeneration and growth of root system, resistance of seedlings to stress high temperature, drought, disease, etc.
<b>Frozen-Flame Answer®</b>	For transplanted seedlings only: 7 fl oz/acre; After transplanting: 7 fl oz/acre	Before transplanting ; After transplant	1:100 Not less than 1:20	<b>Dip the roots</b> of seedlings in diluted product immediately after removing from seedbed and transplant to prepared holes. <b>Water</b> seedlings with remaining solution. <b>AFTER</b> transplanting, calculate dilution rate so recommended amount of product will be used/acre	IMPROVED: Survival of seedlings, regeneration and growth of root system, resistance of seedlings to stress high temperature, drought, disease, etc.
<b>Nano-Ag Answer® (Hydrated &amp; Activated*)</b>	For transplanted seedlings only: 14 fl oz/acre; After transplanting: 14 fl oz/acre	Before transplanting ; After transplant	1:100 Not less than 1:20	<b>Dip the roots</b> of seedlings in diluted product immediately after removing from seedbed and transplant to prepared holes. <b>Water</b> seedlings with remaining solution. <b>AFTER</b> transplanting, calculate dilution rate so recommended amount of product will be used/acre	IMPROVED: Survival of seedlings, regeneration and growth of root system, 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.

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## Oil Palm

### Foliar Application

The Answer® Products	App. Rate	App. Time	Dilution Rate	Application Methods	Field Observations
<b>Bio-N-Liven Answer®</b>	12 fl oz/acre	Beginning of intensive plant growth 1-2 new leaves developed	Aerial - 1:20 to 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
<b>Mineral Electrolyte Answer®</b>	5 fl oz/acre	Beginning of intensive plant growth 1-2 new leaves developed	Aerial - 1:20 to 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
<b>Frozen-Flame Answer®</b>	1-2 fl oz/acre	Beginning of intensive plant growth 1-2 new leaves developed	Aerial - 1:20 to 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
<b>Nano-Ag Answer® (Hydrated &amp; Activated*)</b>	14 fl oz/acre	Beginning of intensive plant growth 1-2 new leaves developed	Aerial - 1:20 to 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

\*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.