

Size	Nitro-Max	Soil Conditioner	Ni/Cal	Fish/Agra	Guardian Adjuvant	Water
1000 Sq. Ft/93 Sq. M	1 oz. /30 ml	1 Tsp. / 5 ml	1 Cup / 237 ml	1 Cup / 237 ml	1 Tsp. / 5 ml	1 Gal / 3.79 l
2500 Sq. Ft/232 Sq. M	1 oz. /30 ml	2 Tsp. / 10 ml	1/2 pt. / 237 ml	1/2 pt. / 237 ml	1 Tsp. / 5 ml	2 Gal / 7.58 l
5000 Sq. Ft/ 465 Sq. M	1.5 oz. /44 ml	1 oz./30 ml	1 pt. / 473 ml	1 pt. / 473 ml	1 Tsp. / 5 ml	3 Gal / 11.37 l
10,000 Sq. Ft/929 Sq. M	3 oz. /89 ml	2 oz. / 59 ml	1 qt. / 946 ml	1 qt. / 946 ml	1/2 oz. /15 ml	5 Gal / 8.95 l
20,000 Sq. Ft/ 1858 Sq. M	7 oz. /207 ml	4 oz. /118 ml	1/2 Gal / 1.89 l	1/2 Gal / 1.89 l	1 oz. / 30 ml	10 Gal / 30.79 l
1 Acre/ 4047 Sq. M	12.8 oz. / 379 ml	8 oz. / 236 ml	1 Gal / 3.79 l	1 Gal / 3.79 l	2 oz. / 59 ml	20 Gal / 75.8 l

Balancing Analysis

AgraCo's soil scientist will analyze and compare the second test and make balancing recommendations based upon the post harvest results. This second test makes it possible to maximize soil condition and will determine applications for the following

3. Apply spray solution within 8 hours of mixing to insure effectiveness of Nitro/Max

Notes:

1. Nitro/Max requires clean sprayer, and must not be mixed with herbicides or pesticides. If a herbicide is required, apply Nitro/Max solution after 10 days or a soaking rain.
2. Synthetic fertilizers are compatible with the Soil Builder Program. Organic matter in the soil must exceed 2% however, for AgraCo products to be most effective.
3. Fish/Agra is a superb source of hydrolyzed amino acids to nourish your vines.
4. The above program gives the general outline of a program for vineyards. Best results will be achieved with specific recommendations from a soil test.

Don't treat your soil like dirt

Vineyard Program



AgraCo Technologies Provides:

A combination of fertilizer, trace elements and minerals to enhance the health and vitality of your vineyard

AgraCo Technologies International LLC

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The AgraCo Soil System Vineyard Program

The following is representative of a typical AgraCo Program.
Results from soil testing allow the program to be tailored to specific vineyard requirements.

Soil Test 1

For best results the Soil Builder Program begins with a soil test.
Send AgraCo a comprehensive test (NPK, Organic Matter, CEC & Trace minerals). If you do not have a soil test, contact us at 1-800-337-4169 and we will arrange a test for you.

Analysis

AgraCo's staff will analyze your test and send you a customized recommendation.

1st Application-Soil

Apply the Soil Builders Program in the early Spring when soil temperatures approach 40F. The following formula mixes for spray application to 6 acres.

Add the following to 55 gallons of water.

- | | |
|---------------------------|-------------------------------|
| 1. Nitro/Max - 3/4 gallon | 2. Ni/Ca - 3.5 gallons |
| 3. Fish/Agra - 2 gallon | 4. Liquid Seaweed - 2 gallons |
| 5. Molasses 1 gallon | 6. Guardian Adjuvant - 9 oz. |

Effectiveness will be improved if the water for the solution is 70°F.

Pre Bloom

Add the following to 55 gallons of water:

1. Part Nitro/Max - 1/4 gallon
2. Fish/Agra - 1 gallon
3. Liquid Seaweed - 1 gallon
4. Molasses - 1/2 gallon
5. Guardian Adjuvant - 12 oz.

Best results are achieved when the application is made in the early morning when the stomata are open.

Vineyard Program Continued

Fruited-Pea To Marble Size

Add the following to 55 gallons of water:

1. Nitro/Max - 1/4 gallon
2. Fish/Agra - 1 gallon
3. Liquid Seaweed - 2 gallons
4. Molasses - 1/2 gallon
5. Guardian Adjuvant - 12 ounces

Best results are achieved when the application is made early in the morning when vine stomata are open.

August - 2nd Week

Add the following to 55 gallons of water:

- | | |
|----------------------------------|--------------------------|
| 1. Nitro/Max - 1/4 gallon | 2. Fish/Agra - 2 gallons |
| 3. Liquid Seaweed - 2 gallons | 4. Molasses - 1 gallon |
| 5. Guardian Adjuvant - 12 ounces | |

Best results are achieved when the application is made in the early morning when vine stomata are open.

Vine Renovation

Around each vine being treated, core four holes at the drip line approximately 2 inches wide and 1 foot deep. Mix a solution of 1 pint Nitro/Max and 4 gallons water. Pour 1 pint of this solution into each core hole.

Transplants

Prior to planting, soak the transplants for 15 minutes in the following solution:

- | | |
|---------------------|-----------------------------|
| 1. 1 Part Nitro/Max | 2. 1 Part Guardian Adjuvant |
| 3. 10 Parts water | |

Transplants can be watered with the remaining solution.

Soil Test 2

After Harvest two tests are required:

1. Comprehensive soil test
2. A brix reading on harvested grapes to record changes in sugar levels as the program progresses.



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