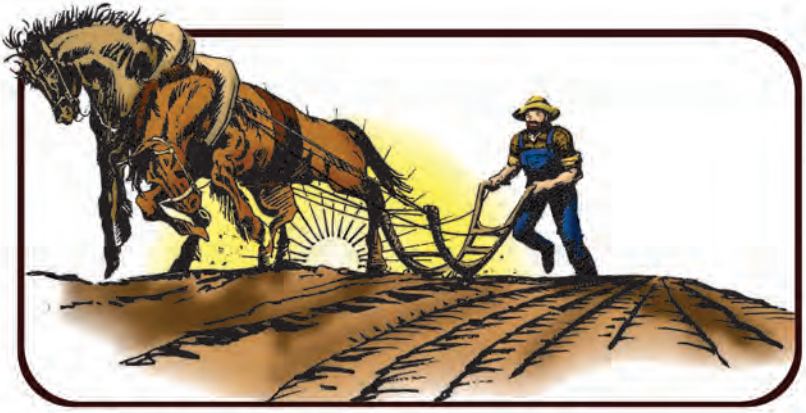
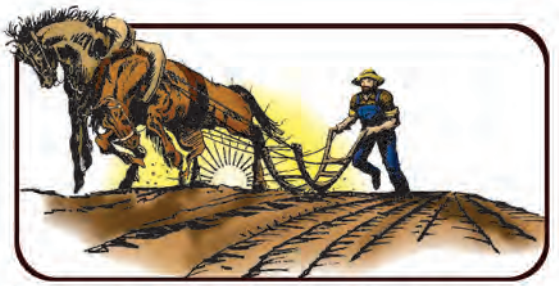


CALIFORNIA ORGANIC FERTILIZERS INC.

2025 Product Guide

800-269-5690

www.organicag.com



CALIFORNIA ORGANIC
FERTILIZERS INC.

General Information

Address: California Organic Fertilizers, Inc.
10585 Industrial Ave.
Hanford, CA 93230

Telephone: (800) 269-5690 or
(559) 585-4705
Fax: (559) 582-2011
Email: info@organicag.com

Visit us online at:

www.organicag.com

Table of Contents

All products are registered with CDFA as Organic Input Materials (OIM) and are approved for use in organic crop production.

Note: Labels in the guide are not intended for use on product packaging and are for informational use only. Some products may not be available and content of labels may differ in your respective state or country.

Call us for a dealer near you!

Celebrating 35 Years in Business

Thank You

California Organic Fertilizers, Inc. is proud to be celebrating our 35th year in business!

We extend our deepest gratitude to all our customers for giving us the opportunity to serve you over the past three decades. We look forward to many more years helping farmers succeed and prosper through organic agriculture.

Our dedication and commitment to produce safe, dependable, high plant available nitrogen fertilizers is as deep as our roots in organic agriculture. We have a proud tradition of innovation in organic input materials and continue to introduce many new fertilizers to meet the nutrient requirements of our growing industry. We look forward to answering any questions you may have about the products in this guide.

Tim Stemwedel
President & Founder

Our Mission

The mission of California Organic Fertilizers, Inc. (COFI) is to educate, empower, and enable organic farmers to succeed.

COFI is an innovative company that continues to develop new technology and products that are economical and effective. We strive to increase sustainability of organic agriculture through our research and development.

Our Roots

In 1990, organic growing methods were considered by some to be a fad championed by a few aging hippies. Our founder, Tim Stemwedel, spent the first years of his agronomic career working as a Pest Control Advisor in the Imperial Desert, and knew that the organic movement was not a passing phase or fad. As an entomologist, Tim saw first-hand that insects become resistant to the poisons sprayed on them within a few generations. He experienced health problems associated with walking through fields sprayed with fumigants and insecticides.

He saw lifeless soils, and noted that the percentage of crops lost to insects remained constant no matter how much spraying took place. He knew that a change had to be made. During the next decade, Tim became a soil fertility expert and began studying organic methods and developing a line of organic inputs that were efficient, easy to apply, and that improved the appearance and yield of the crops. He developed Pre-Plant Plus, Veggie Mix, Super N, and Big Red, which remain the backbone of our dry line today.

The first conventional dealer he called on about COFI products laughed so hard he was speechless. This only served to make Tim more determined; he loaded his pickup every day with as much fertilizer as it would hold and started going directly to farms. His plan was to either sell the product or give it all away for trials before he returned home. He made it home every night, and not a single farmer would accept the product for free. These farmers, many of whom remain loyal customers, helped launch a business that would change the face of agriculture over the next ten years.

Features of COFI Products

Fertilizer products offered by California Organic Fertilizers are based on several principles. Following is an overview of the characteristics of our products.

Free of Raw & Processed Manures

No raw manure or processed manure (heat treated). The potential for pathogen contamination is too great. Heat treating manure does not stop the potential for cross contamination between unprocessed and processed materials on the same site.

High Plant Available Nitrogen

COFI fertilizers have high Plant Available Nitrogen levels. This increases efficiency and reduces leaching of surplus nitrogen.

Biosecure Pathogen Resistance

COFI employs a proprietary pathogen resistance technology called BioSecure, that makes our fertilizers resistant to pathogen contamination.

Wide Selection of Mineralization Rates

COFI uses various sources of raw materials that have different mineralization rates that can match the demand rates of a variety of crops.

Full Season Nutrient Programs

COFI's product group allows for the planning of a full season nutrient program that matches the crop demand and reduces total applied nitrogen.

IS YOUR FERTILIZER SUSTAINABLE?

Sustainability is often defined as the ability to meet the needs of the present without compromising the ability of future generations to meet their own needs, and is a foundational principle for COFI's products. In assessing whether a fertilizer is sustainable, we ask two key questions:

1. Is the raw material and its source sustainable and does it reflect environmental stewardship?
2. Can the product be used effectively, while remaining safe for the long term health of soils and water?

Sustainable Raw Materials

While organic farms strive to reuse on-farm nutrient resources wherever possible, organic farming often requires supplemental nutrients to be brought in from off the farm. By definition, organic inputs are naturally derived, and great care must be taken to avoid exploiting other natural resources under the guise of environmental and climate friendly food production. COFI evaluates the following in selecting its raw materials:

- For fish products, is the fishery sustainably managed, and is the fish being harvested primarily for human food consumption as opposed to animal feed or aquaculture?
- For guano products, does the harvesting of the guano affect any sensitive seabird or ocean life habitats?
- Is the material available locally, or does it require long distance transportation to COFI's manufacturing facilities?
- Is the material produced at its source using equitable and fair labor and trade practices?
- Does the material present health or safety risks to COFI manufacturing personnel?
- To minimize the climate burden from transportation, does the material contain the highest percentage of nitrogen and other nutrients available per ton transported?
- Does the raw material require energy-intensive processing, or create its own waste streams?
- Is the material low in salts and other components incompatible with healthy soils?
- Is the material prone to contamination from prohibited synthetic materials?

Sustainable Applications

Once COFI determines that the sources of the fertilizer meet our criteria, we then assess whether the typical use of the product is sustainable.

The key factor in making this determination is Plant Available Nitrogen (PAN). In organic farming, products with low PAN, such as chicken manure, must be excessively overapplied to meet the nutrient needs and timing of the crop. This results in excess nitrogen that eventually finds its way into groundwater and other waterways, or in some cases excess phosphorous which also causes devastating waterway pollution.

The second key sustainability factor is whether the product contains other elements that are toxic to the soil or the environment, such as excess salts or chlorides. In independent laboratory testing, COFI has found widely used competing products containing more than 15% sodium, which will degrade the quality of soils over time. It is also critical to ensure materials are free from prohibited residues, such as pesticides and pharmaceuticals.

Regenerative Agriculture & Organic Fertilizers

The key goal of regenerative farming is to make measurable improvements to soil health. This is accomplished by managing ecosystems to influence the microbial biodiversity of the soil, increase nutrient sequestration, and to improve soil structure .

Proper use of Organic Fertilizers will provide a positive impact on the following:

- Carbon Sequestration
- Erosion Control
- Nutrient cycling
- Natural Control of pests/pathogens
- Increase Soil Respiration
- Water Conservation

All California Organic Fertilizers products are formulated to provide nutrient ratios that are optimum for plant growth and in quantity and quality that improve soil health. Our products maximize the efficiency of the fertilizer and prevent excess concentrations of nitrogen, potassium, phosphorus, and salts, such as sodium.

Our products are designed to synchronize nitrogen availability with crop demand and to reduce excess nitrogen use, thereby reducing environmental run-off and excessive mineralization of the soil. We offer both liquid and dry products with low Carbon to Nitrogen ratios. Our fertilizers provide higher Plant Available Nitrogen (PAN) and soluble Carbon allowing for lower rates of inputs.

Inputs with low PAN are often used in excess in an attempt to meet nutrient needs. Because of the low nutrient availability, these products are subject to leaching into groundwater over time. Over-application of nutrients also tends to attract more pests forcing the application of pesticides and adversely affecting pollinators.

Feel free to call us to discuss how we may help you in your quest towards Regenerative Farming.

Phytamin Natural Ammonia Products

California Organic Fertilizers is proud to introduce our new line of ammoniacal nitrogen: Phytamin Pure, Phytamin Premier, Phytamin Jumpstart, and Phytamin Humic Nitro.

Derived from locally sourced raw materials which meet our company's criteria for sustainability and regenerative raw materials, the ammonia is extracted and is a clear liquid with none of the attributes of the original raw material.

Phytamin Natural Ammonia products address all the problems inherent with other liquids: no solids to plug drip lines, no residue left in tanks, and very low salts or other impurities.

100% Ammoniacal Nitrogen
Phytamin® Pure 5-0-0
Phytamin® Premier 5-0-0 (neutral pH)

Ammoniacal Blends
Phytamin® Jumpstart 4-1-1
Phytamin® Humic Nitro 3-0-0

Phytamin Pure at different application rates

Competitor's 10-5-2 pelleted fertilizer

Phytamin Liquid Technology

Phytamin liquid products provide varied ratios of NPK nutrients to meet the demands of your crop. In addition, Phytamin liquids contain varied amounts of soluble and insoluble nitrogen resulting in both immediately available nitrogen and longer term availability. All Phytamin liquids contain very low carbon to nitrogen ratios that result in very high PAN. Phytamin products are derived from various nitrogen containing sources of raw materials including fish solubles, plant extracts, and other protein materials. COFI is also a leader in developing highly sustainable natural ammonia technology that meets organic input requirements. Whatever your needs are, we have a liquid product that will deliver results.

Plant Available Nitrogen (PAN)

Plant Available Nitrogen (PAN) is the quantity of nitrogen made available during the growing season after fertilizing materials are applied. A certain amount of the nitrogen is immobilized, and the remaining nitrogen is available to the plant. Some fertilizing options are better than others in terms of **PAN**. The worksheet below illustrates how to calculate **PAN** when determining which material or fertilizer is more effective in terms of available nitrogen as well as price.

Product Variables	Chicken Litter	Veggie Mix
C:N Ratio	12.5:1	4:1
Percent Nitrogen	4 Percent	8 Percent
Pounds Applied	1,000 lbs.	1,000 lbs.
Price per Pound	$0.175 per Pound	$0.30 per Pound

Microbes have an 8:1 carbon to nitrogen Ratio. 25% of the carbon will be utilized for new tissue growth and 75% of the carbon will be used for energy.

Calculations	Chicken Litter	Veggie Mix
Calculate for Total N: Number of Pounds Used x %N	**Calculate for Total N:** 1000 x 4% = 40 lbs.	**Calculate for Total N:** 1000 x 8% = 80 lbs.
Calculate for Total C: Total N x C:N Ratio	**Calculate for Total C:** 40 x 12.5 = 500	**Calculate for Total C:** 80 x 4 = 320
Calculate New Tissue Carbon: Total C x 25%	**Calculate New Tissue Carbon:** 500 x 25% = 125	**Calculate New Tissue Carbon:** 320 x 25% = 80
Calculate N Immobilized: New Tissue Carbon / Microbe C:N Ratio	**Calculate N Immobilized, Using Microbe C:N of 8:** 125 / 8 = 15.63	**Calculate N Immobilized, Using Microbe C:N of 8:** 80 / 8 = 10
Calculate PAN: Total N - N Immobilized	**Calculate PAN:** 40 - 15.63 = 24.37	**Calculate PAN:** 80 - 10 = 70
Calculate In-Season Efficiency: PAN / Total N	**Calculate In-Season Efficiency:** 24.37 / 40 = 61%	**Calculate In-Season Efficiency:** 70 / 80 = 87.5%
Cost per PAN Unit of Nitrogen: Total Cost / Total N / Efficiency	**Cost per PAN Unit of Nitrogen:** $175.00 / 40 / 0.61 = $7.17	**Cost per PAN Unit of Nitrogen:** $300.00 / 80 / 0.875 = $4.29

In this example, we see that although Veggie Mix costs more per ton than chicken litter, *Veggie Mix actually costs less per pound of nitrogen* when considering how much nitrogen is available from the two products. Veggie Mix is also significantly more efficient than chicken litter regardless of the cost. When choosing a fertilizing material based on its nitrogen content, the rule of thumb is to choose the material with the lower C:N Ratio.

COFI Carbon to Nitrogen (C:N) Ratios

COFI Products	Total Percent Nitrogen	Carbon:Nitrogen Ratio
Phyta-Grow Big Red	13	3.5:1
Phyta-Grow Bone Meal	4	3.1:1
Phyta-Grow Citrus & Avocado Mix	8	3.9:1
Phyta-Grow Countdown	4	4.1:1
Phyta-Grow Leafy Green Special	7	4.9:1
Phyta-Grow Pre-Plant Plus	7	4.1:1
Phyta-Grow Salinas Veggie Mix	8	4.2:1
Phyta-Grow Super N	12	3.7:1
Phyta-Grow Veggie Mix	8	4.2:1
Phytamin All Purpose	4	3.0:1
Phytamin Fish Concentate	4	2.5:1
Phyta-Molasses QC	0.75	27:1

Other Common Products	Total Percent Nitrogen	Carbon:Nitrogen Ratio
Bat Guano	7.0 to 8.0	2:1
Broiler Litter	2.25 to 3.0	12 to 14:1
Dairy Compost	1.5 to 2.0	6 to 10:1
Fish Meal	10	3.8:1
Fossilized Seabird Guano	4 to 8	0.6:1
Fresh Seabird Guano	10 to 16	1:1
Greenwaste Compost	0.5 to 1.25	20 to 30:1
Horse Manure	1.0 to 2.2	20 to 50:1
Poultry Manure	2.5 to 3.0	12 to 14:1
Rice Hulls	< 0.1	110 to 130:1
Sawdust	< 0.1	200 to 750:1
Soil	1 to 2	12 to 15:1
Straw	< 0.1	50 to 100:1

Highlight: Phyta-Molasses QC®

Molasses is rich in both micro- and macro- nutrients, is a great source of soluble organic carbon rich in carbohydrates for soil microbes, and subsequently boosts the structure and moisture retention of the soil and encourages growth of beneficial organisms. The increase in microbial growth provides an increase in carbon dioxide respiration. Soil microbial respiration is governed by factors including moisture, soil pH, temperature, EC and most importantly soluble organic carbon. The carbon dioxide produced by microbes is in the form of carbonic acid which is responsible for a majority of soil mineralization.

Benefits of Molasses Fertilizers

- Increased microbial growth
- Increased Carbon Dioxide
- Increased mineralization
- Increased carbon sequestration
- Increased nitrogen mineralization (PAN)
- Provides potassium, nitrogen, and numerous micronutrients

Phyta-Grow® Products

In 1990, Tim Stemwedel founded California Organic Fertilizers based on the request of organic growers for products that would be effective, easy to apply and based on good agronomic practice. Tim developed Phyta-Grow® Pre-Plant Plus, Veggie Mix, Super N, and Big Red, which remain the backbone of our dry line today.

Manure Fillers

California Organic Fertilizers uses no manure fillers in any of our products. You can be assured that you are buying pure ingredients with no filler in all COFI products.

Manure Has a High Carbon to Nitrogen Ratio

Manure has a plant available nitrogen rating of only 35-50% because of its high carbon to nitrogen ratio, making the nitrogen unavailable during the growing season for most crops. The excess nitrogen, which has not been used to grow the crop, becomes a possible source of nitrate leaching into groundwater. Extensive research has been conducted on nitrate leaching from manure.

High Phosphate to Nitrogen Ratio

The high level of phosphates in manure tie up the micronutrients in the soil, eventually leading to severe deficiencies of iron, zinc, calcium, etc. This is why many organic crops suffer from what we call "Mellow Yellow" syndrome. This is due to a combination of micronutrient and nitrate deficiencies.

Odors

And lastly, many of our customer who farm close to urban areas do not want the odor associated with manure fertilizers, so as not to cause problems with neighbors.

Comparison of Competitor's 3-4-2 (left) Against Phyta-Grow Kickstart 6-1-2 (right)

CALIFORNIA ORGANIC FERTILIZERS INC.

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW®
BIG RED™

13-0-0
Guaranteed Analysis

Total Nitrogen (N) 13%
13% Water Insoluble Nitrogen

Derived from blood meal.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, Seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

CALIFORNIA ORGANIC FERTILIZERS, INC.
10585 Industry Ave.
Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Net Weight:

- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Bulk
- ☐ Sample
- ☐ _____

Lot #: _____

Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW® BONE MEAL™

4-14-0
Guaranteed Analysis

Total Nitrogen (N)	4%
4% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	14%
Calcium (Ca)	5%

Derived from bone meal.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

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Lot #: _____

Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW® CITRUS AVOCADO MIX™

8-5-4
Guaranteed Analysis

Total Nitrogen (N)	8%
8% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	5%
Soluble Potash (K_2O)	4%
Calcium (Ca)	5%

Derived from meat and bone meal, blood meal, and potassium sulfate.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

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Net Weight:

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- ☐ 2000 lbs., 907 Kg
- ☐ Bulk
- ☐ Sample
- ☐ _____

Lot #: _____

Rev. 7-11-24

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-GROW® COUNTDOWN™

4-3-2

Guaranteed Analysis

Total Nitrogen (N)	4.0%
0.6% Water Soluble Nitrogen	
3.4% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	3.0%
Soluble Potash (K_2O)	2.0%

Derived from compost, meat & bone meal.

REGISTERED cdfa ORGANIC INPUT MATERIAL

STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Purpose of product:
General purpose fertilizer.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

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www.organicag.com

Rev. 5-19-22

DIRECTIONS FOR USE

Trees

Pre-Plant: Use 5 to 10 pounds mixed with soil in the hole.
Use 4 to 6 pounds in the area surrounding the hole. Do not concentrate the material near the base of the tree. Work lightly into the soil. Water well.

Established Trees: Use 2 pounds per foot of tree height.
Spread evenly in the area surrounding the tree trunk and root zone. Do not concentrate the material near the base of the tree. Work lightly into the soil Water well.

Container Plants

Pre-Plant: Use 11 cups per gallon or 4 cups per cubic foot of potting soil . Mix thoroughly with potting soil prior to planting. Water well.

Established Plants: Use 1/4 cup per gallon of potting soil. Mix well with soil surrounding plant. Water well.

Shrubs and Ornamental Vines

Pre-Plant: Use 1 to 2 pounds mixed with soil in the hole. Use 1 pound in the area surrounding the hole. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Established Shrubs and Ornamental Vines: Use 10 to 20 pounds. Spread evenly in the area surrounding the plant. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Turf/Lawns

Pre-Plant: Use 10-40 pounds per 1,000 sq. ft. Spread evenly and work lightly into the soil prior to seeding or planting. Water well.

Established Turf/Lawn: Use 20-30 pounds per 1,000 sq. ft. Spread evenly. Water well.

Frequency: Feed 2 to 3 times a year or as needed.

Vegetables

Pre-plant: Broadcast and mulch 1,000 to 4,000 lbs. per acre into 3 to 6 inches of soil.

Transplant: Band in line below plants pre-plant. May be placed in hole prior to planting.

Established Vegetables: Use 20-40 pounds per 1,000 sq. ft. Work lightly into the soil or 800 to 2,000 lbs. side-dressed. Water well.

Frequency: Feed 2 to 3 times a year including when growth begins in the spring or as needed.

Net Weight:
- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Sample
- ☐ _____

Lot #: _____

CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW® PHOSPHATE

0-10-0

Guaranteed Analysis

Available Phosphoric Acid (P_2O_5) 10%

Derived from rock phosphate.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, Seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

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Net Weight:

☐ 50 lbs., 22.68 Kg ☐ 2000 lbs., 907 Kg
☐ Bulk ☐ Sample
☐ _____

Lot #: _____

Rev. 6-17-24

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-GROW® KICKSTART™

6-1-2

Guaranteed Analysis

Total Nitrogen (N)	6.0%
0.5% Water Soluble Nitrogen	
5.55% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	1.0%
Soluble Potash (K_2O)	2.0%

Derived from soybean meal and compost.

REGISTERED cdfa ORGANIC INPUT MATERIAL

STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Kickstart is an all-purpose fertilizer for use in commercial agriculture and horticulture production.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

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www.organicag.com

Rev. 5-19-22

DIRECTIONS FOR USE

Agricultural Crops

Pre-Plant Application: Apply 500 to 3,000 lbs. per acre.

Side-Dress Application: Apply 300 to 2,000 lbs. per acre.

Trees

Pre-Plant: Use 1/2 to 1 pound mixed with soil in the hole. Use 1 - 1 1/2 pounds in the area surrounding the hole. Do not concentrate the material near the base of the tree. Work lightly into the soil. Water well.

Established Trees: Use 1 pound per foot of tree height. Spread evenly in the area surrounding the tree trunk and root zone. Do not concentrate the material near the base of the tree. Work lightly into the soil. Water well.

Container Plants

Pre-Plant: Use 1/4 cup per gallon of potting soil. Mix thoroughly with potting soil prior to planting. Water well.

Established Plants: Use 1/8 cup per gallon of potting soil. Mix well with soil surrounding plant. Water well.

Shrubs and Ornamental Vines

Pre-Plant: Use 1/2 pound mixed with soil in the hole. Use 1/2 pound in the area surrounding the hole. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Established Shrubs and Ornamental Vines: Use 1 pound. Spread evenly in the area surrounding the plant. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Turf/Lawns

Pre-Plant: Use 10-20 pounds per 1,000 sq. ft. Spread evenly and work lightly into the soil prior to seeding or planting. Water well.

Established Turf/Lawn: Use 10-20 pounds per 1,000 sq. ft. Spread evenly. Water well.

Frequency: Feed 2 to 3 times a year or as needed.

Urban Garden Vegetables

Transplant: Use 1/4 to 1/2 pound mixed with soil in the hole. Use 1 pound in the area surrounding the hole. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Established Vegetables: Use 10-20 pounds per 1,000 sq. ft. Work lightly into the soil. Water well.

Frequency: Feed 2 to 3 times a year including when growth begins in the spring or as needed.

Net Weight:

- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Sample
- ☐ _____

Lot #: _____

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW®
LEAFY GREEN SPECIAL™

7-1-2
Guaranteed Analysis

Total Nitrogen (N)	7%
0.7% Water Soluble Nitrogen	
6.3% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	1%
Soluble Potash (K_2O)	2%

Derived from soy meal.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, Seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

CALIFORNIA ORGANIC FERTILIZERS, INC.
10585 Industry Ave.
Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Net Weight:

- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Bulk
- ☐ Sample
- ☐ _____

Lot #: _____

Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW® PRE-PLANT PLUS™

7-5-7
Guaranteed Analysis

Total Nitrogen (N)	7%
0.6% Water Soluble Nitrogen	
6.4% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	5%
Soluble Potash (K_2O)	7%

Derived from feather meal,
meat & bone meal, and potassium sulfate.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

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- ☐ _____

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Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW® SALINAS VEGGIE MIX™

8-4-4
Guaranteed Analysis

Total Nitrogen (N)	8%
8% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	4%
Soluble Potash (K_2O)	4%
Calcium (Ca)	5%

Derived from meat and bone meal, feather meal, and potassium sulfate.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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Commercial Fertilizer

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Net Weight:

- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Bulk
- ☐ Sample
- ☐ _____

Lot #: _____

Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW® SUPER "N"™

12-0-0

Guaranteed Analysis

Total Nitrogen (N) 12%
12% Water Insoluble Nitrogen

Derived from feather meal.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Please contact California Organic Fertilizers, Inc. or your local manufacturer's representative for detailed use recommendations.

Commercial Fertilizer

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Net Weight:

- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Bulk
- ☐ Sample
- ☐ _____

Lot #: _____

Rev. 5-19-22

CALIFORNIA ORGANIC FERTILIZERS INC.™

REGISTERED cdfa ORGANIC INPUT MATERIAL

PHYTA-GROW® VEGGIE-MIX™

8-5-0.5
Guaranteed Analysis

Total Nitrogen (N)	8.0%
8% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	5.0%
Soluble Potash (K_2O)	0.5%

Derived from meat and bone meal.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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Commercial Fertilizer

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Net Weight:

☐ 50 lbs., 22.68 Kg ☐ 2000 lbs., 907 Kg
☐ Bulk ☐ Sample
☐ _____

Lot #: _____

Rev. 5-19-22

Phytamin® Products

Phytamin® liquid fertilizers are highly soluble and contain high levels of Plant Available Nitrogen. Phytamin products are intended to supply nitrogen during peak demand periods. The nitrogen supplied by Phytamin® applications allows farmers to control the total pounds of nitrogen needed to grow a crop more precisely, and eliminates the need to "over-top" the crop with pre-plant applications. This saves on total fertilizer expense and is more environmentally friendly because excess fertilizer applications may increase groundwater contamination.

The rule of thumb is to apply molasses, humic acids, and other materials designed to stimulate biological activity in the soil during the dormant season or pre-plant: not during the growing season!

Phytamin® liquid fertilizers are screened and filtered to make them suitable for most drip application operations.

California Organic Fertilizers adds only enough phosphoric acid to stabilize the fish and to keep within the National Organic Program guidelines. (Liquid fish products—can be pH adjusted with sulfuric, citric, or phosphoric acid. The amount of acid used shall not exceed the minimum needed to lower the pH to 3.5.)

There are no days-to-harvest or other restrictions on the use of Phytamin products, and they are compliant with NOP regulations.

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® ALL PURPOSE

Liquid Fertilizer

3.7-2.7-3.7
Guaranteed Analysis

Total Nitrogen (N)	3.7%
1.7% Water Soluble Nitrogen	
2.0% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	2.7%
Soluble Potash (K_2O)	3.7%

Derived from fish solubles and potassium sulfate. (Fish solubles are pH stabilized with phosphoric acid.)

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phytamin® All Purpose** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Application of **Phytamin® All Purpose** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin® All Purpose** may not pass through some drip type irrigation systems. Always flush irrigation lines after **Phytamin®** treatment to prevent possible clogging or corrosion. Always inject **Phytamin®** products in front of any filter system. **Phytamin® All Purpose** is mildly corrosive to aluminum in a concentrated form.

Not recommended for use in hydroponics. Please contact the manufacturer for information on special formulations.

Commercial Fertilizer

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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www.organicag.com

Rev. 5-10-24

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE
Mix well before use.

Cotton
To improve production, **Phytamin® All Purpose** should be applied as a foliar spray during the early bloom stages of growth.
Application Rates: ½ - 2 gallons per acre in sufficient water to assure thorough coverage. Begin treatments at first bloom up to 3 weeks after first bloom. Treatments may be made up to three times at 10 day intervals.

Trees, Fruit & Nuts
Application Rate: ½ - 1 gallon per acre applied in ample water to provide for thorough coverage. Begin treatments between first bloom and full bloom. Repeat treatments as necessary.

Grapes
Application Rate: ½ - 1 gallons per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes
Phytamin® All Purpose may be applied at any time throughout the bloom period.
Application Rate: ½ - 1 gallon per acre at 10 to 14 day intervals throughout the bloom period.

Peppers
Phytamin® All Purpose should be applied during the early bloom period.
Application Rate: ½ - 1 gallon per acre applied in sufficient water for thorough coverage. Two to three treatments should be made at 10 day intervals beginning at first flower bud.

Vegetables
Do not apply as a foliar fertilizer to lettuce or other leaf crops.
Yield and quality may be improved by regular treatments of **Phytamin® All Purpose** throughout the growing period.
Application Rates: ½ - 1 gallon per acre in sufficient water for thorough coverage. Treatments should be made after thinning at 10 to 14 day intervals.

Other Crops
Application Rates: Phytamin® All Purpose may be used successfully on most crops. Please consult your dealer for rates and timing of applications.

SOIL APPLICATION
Side-dress: Apply 5 to 50 gallons per acre.
Drip Systems: Apply 1 to 10 gallons per acre per week.
Water-run: Apply 3 to 30 gallons per acre.
Pre-plant: Apply 2 to 50 gallons per acre.
Sprinkler Irrigation: Apply 2 to 20 gallons per acre.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 275 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 9.6 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® FISH CONCENTRATE

Liquid Fertilizer

4-2-0

Guaranteed Analysis

Total Nitrogen (N)	4.0%
3.0% Water Soluble Nitrogen	
1.0% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	2.0%

Derived from fish solubles. (Fish solubles are pH stabilized with phosphoric acid.)

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Fish Concentrate** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Application of **Phytamin® Fish Cocentrate** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin® Fish Concentrate** may not pass through some drip type irrigation systems. Always flush irrigation lines after **Phytamin®** treatment to prevent possible clogging or corrosion. Always inject **Phytamin®** products in front of any filter system. **Phytamin® Fish Concentrate** is mildly corrosive to aluminum in a concentrated form.

Not recommended for use in hydroponics. Please contact the manufacturer for information on special formulations.

Commercial Fertilizer

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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Rev. 5-19-22

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Fish Concentrate** should be applied as a foliar spray during the early bloom stages of growth.
Application Rates: ½ - 2 gallons per acre in sufficient water to assure thorough coverage. Begin treatments at first bloom up to 3 weeks after first bloom. Treatments may be made up to three times at 10 day intervals.

Trees, Fruit & Nuts

Application Rate: ½ - 1 gallon per acre applied in ample water to provide for thorough coverage. Begin treatments between first bloom and full bloom. Repeat treatments as necessary.

Grapes

Application Rate: ½ - 1 gallons per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes

Phytamin® Fish Concentrate may be applied at any time throughout the bloom period.
Application Rate: ½ - 1 gallon per acre at 10 to 14 day intervals throughout the bloom period.

Peppers

Phytamin® Fish Concentrate should be applied during the early bloom period.
Application Rate: ½ - 1 gallon per acre applied in sufficient water for thorough coverage. Two to three treatments should be made at 10 day intervals beginning at first flower bud.

Vegetables

Do not apply as a foliar fertilizer to lettuce or other leaf crops.
Sprinkler irrigation is not considered to be foliar application.
Yield and quality may be improved by regular treatments of **Phytamin® Fish Concentrate** throughout the growing period.
Application Rates: ½ - 1 gallon per acre in sufficient water for thorough coverage. Treatments should be made after thinning at 10 to 14 day intervals.

Other Crops

Application Rates: Phytamin® Fish Concentrate may be used successfully on most crops. Please consult your dealer for rates and timing of applications.

SOIL APPLICATION

Side-dress: Apply 5 to 50 gallons per acre.
Drip Systems: Apply 1 to 5 gallons per acre per week.
Water-run: Apply 3 to 30 gallons per acre.
Pre-plant: Apply 2 to 50 gallons per acre.
Sprinkler Irrigation: Apply 2 to 20 gallons per acre.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 275 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 9.5 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® LIQUID HUMIC ACID

For FOLIAR and SOIL

NON-PLANT FOOD INGREDIENTS

Active Ingredients:

8.0% Humic Acid

Derived from leonardite.

CAUTION: Keep Out of Reach of Children

Harmful if swallowed.
Avoid contact with eyes, skin and clothing.
In case of contact, immediately flush skin or eyes with plenty of water.

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Liquid Humic Acid** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Application of **Phytamin®** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin®** may not pass through some drip type irrigation systems. Always flush irrigation lines after **Phytamin®** treatment to prevent possible clogging or corrosion. Always inject **Phytamin®** products in front of any filter system. **Phytamin®** is mildly corrosive to aluminum in a concentrated form.

Not recommended for use in hydroponics. Please contact the manufacturer for information on special formulations.

International Restrictions May Apply

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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Rev. 5-19-22

Lot #: _____

REGISTERED ORGANIC INPUT MATERIAL cdfa

DIRECTIONS FOR USE
Mix well before use.

Grapes
Apply 1 pint per acre in enough water to give thorough coverage. Start applications prior to spring growth. Continue applications at 7 to 10 day intervals. User lower rates early in season.

Cotton & Soybeans
Apply 1 pint per acre in enough water to give thorough coverage. Start applications at the time of normal insect control. Repeat treatment at 7 to 10 day intervals.

Corn, Pasture and Grain Crops
Apply 1 pint per acre in at least 20 gallons of water. Applications should be made early in the growing season. Additional treatments may be made if necessary.

Orchards
Apply 1 to 2 pints per acre in enough water to give thorough coverage. Begin applications early in the growing season. Apply 1 pint per acre as a dormant spray.

Vegetables
Apply 1 pint per acre in a minimum of 5 gallons of water per acre. Begin early in season at lower rates. Make additional applications as needed.

Melons & Cucurbits
Apply 1 pint of **Phytamin® Liquid Humic Acid** per acre per application.

Sugar Beets
Apply 1 pint per acre in enough water to provide thorough coverage. Begin early in season and make additional applications if necessary.

Phytamin® Liquid Humic Acid may be applied by ground or air equipment or through sprinkler irrigation systems.
Phytamin® Liquid Humic Acid is compatible with most insecticides and other nutrient sprays. Always conduct a compatibility test if in doubt.
When foliar spraying **Phytamin® Liquid Humic Acid** through conventional ground spray equipment, use a minimum of 20 gallons of water per acre.
When foliar spraying **Phytamin® Liquid Humic Acid** through low volume spray equipment, 5 gallons of water per acre is usually sufficient. For best results, spray in late evening, night, or early morning hours. Mid-day sprays are least effective and injury to plant may occur at temperatures over 90 degrees F.

SOIL APPLICATION RECOMMENDATIONS
Phytamin® Liquid Humic Acid may be applied with liquid fertilizers or water. Use 1 to 2 gallons per acre. Do not mix with Phosphoric Acid, Calcium Nitrate, or liquid Zinc Sulfate.

DIRECTIONS FOR MIXING BEFORE USING
Shake container. It is normal for humic acid materials to have some sediment in container. Pour recommended amount into partially filled spray tank. Keep agitator running during filling and spraying operations.
Rinse all containers and add to spray tank.
Do not reuse containers for any purpose.

Phytamin® Liquid Humic Acid is recommended on the following crops: alfalfa, almonds, apples, avocados, barley, all beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, corn, grapes, lettuce, melons, milo, nectarines, peaches, peanuts, pears, pecans, peppers, potatoes, rice, sorghum, soybeans, strawberries, sugarbeets, sugar cane, sweet corn, tomatoes, turnips, walnuts, watermelons, wheat, and most other crops.

Package Size:

☐ 5 gal. / 18.9 L
☐ 55 gal. / 208.2 L
☐ 275 gal. / 1041 L
☐ Bulk
☐ Sample

Density: 9.5 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® HUMIC NITRO

3-0-0
Guaranteed Analysis

Total Nitrogen (N) 3.0%
3.0% Water Soluble Nitrogen

Derived from meat & bone meal, corn steep liquor, and molasses.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Active Ingredients:

8.0% Humic Acid
Derived from leonardite.

CAUTION: Keep Out of Reach of Children

Harmful if swallowed.
Avoid contact with eyes, skin and clothing.
In case of contact, immediately flush skin or eyes with plenty of water.

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Humic Nitro** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Application of **Phytamin®** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin®** may not pass through some drip type irrigation systems. Always flush irrigation lines after **Phytamin®** treatment to prevent possible clogging or corrosion. Always inject **Phytamin®** products in front of any filter system. **Phytamin®** is mildly corrosive to aluminum in a concentrated form.
Not recommended for use in hydroponics. Please contact the manufacturer for information on special formulations.

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Rev. 5-19-22

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE
Mix well before use.

Grapes
Apply 2 to 10 gallons per acre through irrigation water. Start applications prior to spring growth. Continue applications at 7 to 10 day intervals. Use higher rates early in season.

Corn, Pasture and Grain Crops
Apply 2 to 10 gallons per acre through irrigation water. Applications should be made early in the growing season. Additional treatments may be made if necessary.

Orchards
Apply 2 to 15 gallons per acre through irrigation water. Begin applications early in the growing season.

Vegetables
Apply 2 to 20 gallons per acre through irrigation water. Begin early in season at lower rates. Make additional applications as needed.

Melons & Cucurbits
Apply 2 to 20 gallons per acre through irrigation water.

Phytamin Humic Nitro may be applied by ground equipment drip irrigation or through sprinkler irrigation systems.

Do not foliar spray Phytamin Humic Nitro

Phytamin® Humic Nitro is recommended on the following crops: alfalfa, almonds, apples, avocados, barley, all beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, corn, grapes, lettuce, melons, milo, nectarines, peaches, peanuts, pears, pecans, peppers, potatoes, rice, sorghum, soybeans, strawberries, sugarbeets, sugar cane, sweet corn, tomatoes, turnips, walnuts, watermelons, wheat, and most other crops.

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™

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 275 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 9.5 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® JUMPSTART

4-1-1
Guaranteed Analysis

Total Nitrogen (N)	4.0%
3.7% Water Soluble Nitrogen	
0.3% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	1.0%
Soluble Potash (K_2O)	1.0%

Derived from meat & bone meal, corn steep liquor, and molasses.

Do not apply as a foliar fertilizer.

REGISTERED cdfa ORGANIC INPUT MATERIAL

CALIFORNIA ORGANIC FERTILIZERS, INC.™
10585 Industry Ave.
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(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Commercial Fertilizer
Intended for use as a fertilizer

U.S. Patent No. 11,518,720

Please contact your local manufacturer's representative for detailed use recommendations.

Package Size:

☐ 5 gal. / 18.9 L ☐ 275 gal. / 1041 L
☐ 55 gal. / 208.2 L ☐ Bulk

Density: 8.9 lbs/gal (1.066 kg/liter) at 68° F

Lot #: _____

Version 5-28-24

General Information and Recommendations

Sprinkler irrigation does not constitute foliar fertilizer application.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Acceptable Application Methods:
Drip irrigation, furrow irrigation, side-dress or soil injection.
Not recommended for sprinkler applications.
Do not apply to soil surface as substantial loss of nitrogen will occur. Do not apply in close proximity to seeds or transplants.

Application Rates

Vegetables

Baby lettuce, spinach and other leafy greens
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 20 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.

Broccoli, Cabbage, cauliflower, kale, Brussel sprouts, other brassicas crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Side-dress soil injection (banded):
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Beets, chard, parsley, cilantro, misc. vegetables
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants. Do not apply to soils when soil temperatures are below 45 deg. Fahrenheit (7.2 Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Tomatoes, tomatillos, peppers
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Cucumbers, melons
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Corn
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 15 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Rice
Applications through irrigation water: Apply 5 to 30 gallons per acre per application at least 7 days apart. Apply up to 20 days before harvest.
Pre-plant applications: Apply up to 40 gallons per acre through soil injection prior to planting.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Strawberries
Applications through irrigation water: Apply 2 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination. Do not apply more than 1.5 gal per acre per day.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 4-6 inches away from transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Blueberries
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.

Cane berries
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.

Citrus
Applications through irrigation water: Apply 5 to 20 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest. Apply during high nitrogen crop demand periods.

Tree Fruit
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 10 days before harvest.

Almonds
Applications through irrigation water: Apply 5 to 20 gallons per acre per application at least 7 days apart. Time applications to start pre-bloom and continue until nuts reach full size. Apply up to 40 days before harvest. One or two application post-harvest is also recommended.

Avocados
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 20 days before harvest.

Grapes
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 20 days before harvest. One or two application post-harvest is also recommended.

Other annual crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.

Other permanent crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.
Other permanent crops

Greenhouse and hydroponic crops
Applications through irrigation water: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).

Hemp
Applications through irrigation water: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).
Pre-plant applications: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® PURE

DER:MB

5-0-0

Guaranteed Analysis

Total Nitrogen (N) 5%
5.0% Ammoniacal Nitrogen

Derived from meat & bone meal, corn steep liquor, and molasses.

CALIFORNIA ORGANIC FERTILIZERS, INC.™
10585 Industry Ave.
Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Commercial Fertilizer
Intended for use as a fertilizer

U.S. Patent No. 11,518,720

Do not apply as a foliar fertilizer.

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Please contact your local manufacturer's representative for detailed use recommendations.

Package Size:

☐ 5 gal. / 18.9 L ☐ 275 gal. / 1041 L
☐ 55 gal. / 208.2 L ☐ Bulk

Density: 8.1 lbs/gal (0.975 kg/liter) at 68° F

Lot #: _____

Version 5-19-22

General Information and Recommendations

Sprinkler irrigation does not constitute foliar fertilizer application.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).
Acceptable Application Methods:
Drip irrigation, furrow irrigation, side-dress or soil injection. **Not recommended for sprinkler applications**.
Do not apply to soil surface as substantial loss of nitrogen will occur. Do not apply in close proximity to seeds or transplants.

Application Rates

Vegetables

Baby lettuce, spinach and other leafy greens
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 20 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.

Broccoli, Cabbage, cauliflower, kale, Brussel sprouts, other brassicas crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Side-dress soil injection (banded):
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Beets, chard, parsley, cilantro, misc. vegetables
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants. Do not apply to soils when soil temperatures are below 45 deg. Fahrenheit (7.2 Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

REGISTERED cdfa ORGANIC INPUT MATERIAL

Tomatoes, tomatillos, peppers
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Cucumbers, melons
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Corn
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 15 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).
Side-dress soil injection (banded)
Apply up to 30 gal per acre. Apply at least 4 inches from plants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Rice
Applications through irrigation water: Apply 5 to 30 gallons per acre per application at least 7 days apart. Apply up to 20 days before harvest.
Pre-plant applications: Apply up to 40 gallons per acre through soil injection prior to planting.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Strawberries
Applications through irrigation water: Apply 2 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination. Do not apply more than 1.5 gal per acre per day.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 4-6 inches away from transplants.
Do not apply to crops when soil temperatures are below 45 degrees Fahrenheit (7.2 degrees Celsius).

Blueberries
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.

Cane berries
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.

Citrus
Applications through irrigation water: Apply 5 to 20 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest. Apply during high nitrogen crop demand periods.

Tree Fruit
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 10 days before harvest.

Almonds
Applications through irrigation water: Apply 5 to 20 gallons per acre per application at least 7 days apart. Time applications to start pre-bloom and continue until nuts reach full size. Apply up to 40 days before harvest. One or two application post-harvest is also recommended.

Avocados
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 20 days before harvest.

Grapes
Applications through irrigation water: Apply 5 to 15 gallons per acre per application at least 7 days apart. Begin applications after fruit set. Apply up to 20 days before harvest. One or two application post-harvest is also recommended.

Other annual crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest.
Pre-plant applications: Apply up to 10 gallons per acre through irrigation equipment or apply up to 40 gallons per acre through soil injection prior to planting. Apply at least 3-4 inches away from seeds or transplants.

Other permanent crops
Applications through irrigation water: Apply 5 to 10 gallons per acre per application at least 7 days apart. Apply up to 10 days before harvest termination.
Other permanent crops

Greenhouse and hydroponic crops
Applications through irrigation water: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).

Hemp
Applications through irrigation water: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).
Pre-plant applications: Use as directed by fertilizer professional or Certified Crop Advisor (CCA).

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTAMIN® PE

2.7-2-2
Guaranteed Analysis

Total Nitrogen (N)	2.7%
2.0% Water Soluble Nitrogen	
0.7% Water Insoluble Nitrogen	
Available Phosphoric Acid (P_2O_5)	2.0%
Soluble Potash (K_2O)	2.0%

Derived from corn steep liquor.

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phytamin® PE** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user.
Call manufacturer if in doubt!

Fertigation
Application of **Phytamin® PE** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin® PE** may not pass through some drip type irrigation systems. Always flush irrigation lines after **Phytamin®** treatment to prevent possible clogging or corrosion. Always inject **Phytamin®** products in front of any filter system. **Phytamin® PE** is mildly corrosive to aluminum in a concentrated form.

Not recommended for use in hydroponics. Please contact the manufacturer for information on special formulations.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

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Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Rev. 5-19-22

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE
Mix well before use.

Cotton
To improve production, **Phytamin® PE** should be applied as a foliar spray during the early bloom stages of growth.
Application Rates: ½ - 2 gallons per acre in sufficient water to assure thorough coverage. Begin treatments at first bloom up to 3 weeks after first bloom. Treatments may be made up to three times at 10 day intervals.

Trees, Fruit & Nuts
Application Rate: ½ - 1 gallon per acre applied in ample water to provide for thorough coverage. Begin treatments between first bloom and full bloom. Repeat treatments as necessary. Recommendations are for almonds, walnuts, stone fruits, apples, pears and pomegranates.

Grapes
Application Rate: ½ - 1 gallons per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes
Phytamin® PE may be applied at any time throughout the bloom period.
Application Rate: ½ - 1 gallon per acre at 10 to 14 day intervals throughout the bloom period.

Peppers
Phytamin® PE should be applied during the early bloom period.
Application Rate: ½ - 1 gallon per acre applied in sufficient water for thorough coverage. Two to three treatments should be made at 10 day intervals beginning at first flower bud.

Vegetables
Do not apply as a foliar fertilizer to lettuce or other leaf crops.
Sprinkler irrigation is not considered to be foliar application.
Yield and quality may be improved by regular treatments of **Phytamin® PE** throughout the growing period.
Application Rates: ½ - 1 gallon per acre in sufficient water for thorough coverage. Treatments should be made after thinning at 10 to 14 day intervals.

Other Crops
Application Rates: Phytamin® PE may be used successfully on most crops. Please consult your dealer for rates and timing of applications.

SOIL APPLICATION
Side-dress: Apply 5 to 50 gallons per acre.
Drip Systems: Apply 1 to 5 gallons per acre per week.
Water-run: Apply 3 to 30 gallons per acre.
Pre-plant: Apply 2 to 50 gallons per acre.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 265 gal. / 1003 L
- ☐ Bulk
- ☐ Sample

Density: 10.0 lbs. per gallon at 68° F

Phyta-QC™ Products

Phyta-QC™ products are designed to improve the general quality of crops by providing additional nutrients that the crop may be lacking.

Calcium is the main element that gives strength to cell wall - strength that helps the plant control transpiration and resist stress.

While soil tests often show high levels of Ca, the fact is that it is one of the least available nutrients in the soil solution. To further complicate the plant's use of calcium, it is only moved via the xylem tissue. That means the Ca that enters the roots follows the transpiration flow, accumulating in the larger, older leaves rather than in the newer leaves, shoots, flowers, and fruit growth. You could say this is a "handicap" of the plant that results in poor quality, physiological disorders, and poor shelf-life.

To help plants overcome this inability to translocate Ca, regular foliar sprays (that should wet the whole plant) are needed. Begin with bud-swell, continue throughout vegetative and reproductive growth, and even after harvest on perennials to improve the quality of new growth that will determine next year's crop.

Phyta-Cal QC is formulated to be gentle to the plant while penetrating tissue to become a part of cell structure and to enter the xylem tissue, supplementing the Ca that is being taken up by the plant.

Calcium and boron are the main elements that give strength to the cell wall — strength that helps the plant control transpiration and resist stress. One of the functions of Bo is to fix Ca in the cell wall.

Boron, unlike Ca that locks up in the soil, will leach from the soil, just like nitrate. Yet, like Ca, the plant is unable to translocate Bo via the phloem from old to new growth.

The plants' inability to move Ca and Bo from old leaves to new growth is another serious "handicap" that results in poor quality, physiological disorders, and poor shelf-life.

To help plants overcome this inability to translocate Ca and Bo, regular foliar sprays (that should wet the whole plant) are needed. Begin with bud-swell, continue throughout vegetative and reproductive growth, and even after harvest on perennials to improve the quality of new growth that will determine next year's crop.

Phyta-Set QC is formulated to be gentle to the plant while penetrating tissue to become a part of cell structure and to enter the xylem tissue, supplementing the Ca and Bo that is being taken up by the plant.

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-CAL QC™

Liquid Calcium 8%

Guaranteed Analysis

Calcium (Ca) 8.0%

Derived from Calcium Chloride.

CAUTION: Keep Out of Reach of Children

WARNING

Harmful if swallowed.
Avoid breathing spray mist.
May cause irritation of nose, throat, and/or skin.
Avoid contact with eyes, skin, and clothing.
If swallowed: Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention.
If in eyes: Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

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Rev. 5-19-22

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

GENERAL INFORMATION

PHYTA-CAL QC™ can be tank mixed and applied with most commonly used insecticides and fungicides. DO NOT tank mix with growth hormone products, plant growth regulators, or foliar fertilizers unless specifically recommended.

DIRECTIONS FOR USE

Mix well before use. It is more effective to spray small amounts with greater frequency. DO NOT USE **PHYTA-CAL QC™** WITH OTHER FOLIAR FERTILIZERS AS PRECIPITATION MAY OCCUR.

Cotton, Soybeans, Beans, Tomatoes, Melons, Cucurbits, Peanuts, Peppers

Begin application when first flower appears. Spray enough water to achieve thorough coverage of the entire plant. Spray schedule may be discontinued when when last fruit, boll, or pods are set. Use 2 to 4 quarts per treated acre at 7 to 10 day intervals.

Celery, Carrots, Beets, Cole Crops, Potatoes, Sweet Potatoes

Begin application when the crop begins to grow rapidly. This will be after thinning on most row crops. Spray enough water to achieve thorough coverage of the entire plant. Spray schedule may be discontinued when rapid growth ceases. Use 2 to 4 quarts per treated acre at 7 to 10 day intervals.

Lettuce, Leaf Crops

Begin treatment after thinning and continue up to one week before harvest. Use 1 to 2 quarts per acre per application. Treat at 7 to 10 day intervals.

Citrus Fruits, Nuts, Apples, Peaches, Pears, Cherries, Almonds

Begin application when buds first form. Spray enough water to achieve thorough coverage of the entire tree. Spray must be discontinued when fruit has sized. Use 2 to 4 quarts per acre. Low volume application is preferred.

Grapes

Begin application when fruit first starts to form. Spray enough water to achieve thorough coverage of the entire plant canopy. Spray must be discontinued when grapes are sized. Use 2 to 4 quarts per acre at 7 to 10 day intervals. A 4 quart dormant application is also recommended.

PHYTA-CAL QC™ is recommended on the following crops: alfalfa, almonds, apples, avocados, barley, all beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, corn, grapes, lettuce, melons, milo, nectarines, peaches, peanuts, pears, pecans, peppers, potatoes, rice, sorghum, soybeans, strawberries, sugar beets, sugar cane, sweet corn, tomatoes, turnips, walnuts, watermelons, wheat, and most other crops.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 275 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 10.5 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-MOLASSES QC™

0-0-2

Guaranteed Analysis

Soluble Potash (K_2O) 2%

Derived from cane molasses.

NON-PHYTOTOXIC:
To date, all crops tested have not shown any negative effects to treatments of **Phyta-Molasses QC™** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Phyta-Molasses QC™ non-corrosive to aluminum in a concentrated form.

Commercial Fertilizer

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

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Rev. 5-19-22

Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE

Phyta-Molasses QC™ is formulated for use as a compost tea additive and as a potassium fertilizer.

General Use

For foliar spray use two gallons per 100 gallons of water or as recommended by your agricultural consultant.

Phyta-Molasses QC™ may be used as a potassium supplement in most crops.

Compost Tea Food

Use one gallon of **Phyta-Molasses QC™** for every 100 gallons of water in the Compost Tea Brewer. Add at beginning of cycle. Maintain adequate agitation with sufficient air injection.

Use only high quality compost from a known quality source.

Contact California Organic Fertilizers, Inc. for more information.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 265 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 10.6 lbs. per gallon at 68° F

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-SET QC™

Liquid Calcium and Boron

Guaranteed Analysis

Calcium (Ca)	6.0%
Boron (B)	1.0%

Derived from Calcium Chloride and Sodium Tetraborate.

CAUTION: Keep Out of Reach of Children

WARNING

Harmful if swallowed.
Avoid breathing spray mist.
May cause irritation of nose, throat, and/or skin.
Avoid contact with eyes, skin, and clothing.
If swallowed: Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention.
If in eyes: Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

WARNING: Contains Boron. Do not use on boron sensitive crops. Use only according to manufacturer's directions.

Information regarding the contents and levels of metals in this product is available on the internet at https://www.aapfco.org/metals.html

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Lot #: _____

REGISTERED cdfa ORGANIC INPUT MATERIAL

GENERAL INFORMATION

PHYTA-SET QC™ can be tank mixed and applied with most commonly used insecticides and fungicides. DO NOT tank mix with growth hormone products, plant growth regulators, or foliar fertilizers unless specifically recommended.

CAUTION: Use of **PHYTA-SET QC™** on crops other than those recommended may result in serious injury to the crop. When in doubt, call the manufacturer.

DIRECTIONS FOR USE

Mix well before use. It is more effective to spray small amounts with greater frequency. DO NOT USE **PHYTA-SET QC™** WITH OTHER FOLIAR FERTILIZERS AS PRECIPITATION MAY OCCUR.

Cotton, Soybeans, Beans, Tomatoes, Melons, Cucurbits, Peanuts, Peppers

Begin application when first flower appears. Spray enough water to achieve thorough coverage of the entire plant. Spray schedule may be discontinued when last fruit, boll, or pods are set. Use 2 to 4 quarts per treated acre at 7 to 10 day intervals.

Celery, Carrots, Beets, Cole Crops, Potatoes, Sweet Potatoes

Begin application when the crop begins to grow rapidly. This will be after thinning on most row crops. Spray enough water to achieve thorough coverage of the entire plant. Spray schedule may be discontinued when rapid growth ceases. Use 2 to 4 quarts per treated acre at 7 to 10 day intervals.

Lettuce, Leaf Crops

Begin treatment after thinning and continue up to one week before harvest. Use 1 to 2 quarts per acre per application. Treat at 7 to 10 day intervals.

Citrus Fruits, Nuts, Apples, Peaches, Pears, Cherries, Almonds

Begin application when buds first form. Spray enough water to achieve thorough coverage of the entire tree. Spray must be discontinued when fruit has sized. Use 2 to 4 quarts per acre. Low volume application is preferred.

Grapes

Begin application when fruit first starts to form. Spray enough water to achieve thorough coverage of the entire plant canopy. Spray must be discontinued when grapes are sized. Use 2 to 4 quarts per acre at 7 to 10 day intervals. A 4 quart dormant application is also recommended.

PHYTA-SET QC™ is recommended on the following crops: alfalfa, almonds, apples, avocados, barley, all beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, corn, grapes, lettuce, melons, milo, nectarines, peaches, peanuts, pears, pecans, peppers, potatoes, rice, sorghum, soybeans, strawberries, sugar beets, sugar cane, sweet corn, tomatoes, turnips, walnuts, watermelons, wheat, and most other crops.

Package Size:

- ☐ 5 gal. / 18.9 L
- ☐ 55 gal. / 208.2 L
- ☐ 275 gal. / 1041 L
- ☐ Bulk
- ☐ Sample

Density: 10.5 lbs. per gallon at 68° F

Phyta-Boost® Products

Dry, organic, NPK fertilizers for specialty horticultural, turf, and ornamental use.

Phyta-Boost Organic Fertilizers are specially manufactured for landscape, horticulture, and nurseries. The organic protein nitrogen is utilized by all types of plants to develop and maintain a healthy root system with abundant root hairs that give the plants and turf greater ability to utilize nutrients and moisture in the soil as well as greater resistance to all forms of stress, from drought to wear-and-tear.

While many organic products are slow acting, Phyta-Boost products are fast acting as well as long lasting. Since the organic materials used feeds the soil as well as the plant, fewer applications are needed and the amount of nitrogen required to keep plants growing and looking good is often about one third the amount required with synthetic fertilizers.

Phyta-Boost products can be applied with the seed since they are free of phyto-toxic salts that can burn and retard germination: in fact, the organic protein nitrogen improves germination and establishment.

Manufactured from the finest raw materials, Phyta-Boost products contain no manure so they are free from obnoxious odors, and the production process ensures they are free from pathogens.
There are three particle sizes to fit all landscape and horticultural applications: Pelleted, Turf Grade, and Greens Grade.

CALIFORNIA ORGANIC FERTILIZERS INC.™

PHYTA-BOOST™ PLANT FOOD

7-1-2
Guaranteed Analysis

Total Nitrogen (N)	7.0%
0.7% Water Soluble Organic Nitrogen	
6.3% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P_2O_5)	1.0%
Soluble Potash (K_2O)	2.0%

Derived from soy meal.

REGISTERED cdfa ORGANIC INPUT MATERIAL

STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the Internet at https://www.aapfco.org/metals.html

Phyta-Boost Plant Food is an all-purpose fertilizer derived from only natural ingredients.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of seller, is authorized to make any warranty, guarantee, or direction concerning this product. 2. Because the time, place, and rate of application are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

CALIFORNIA ORGANIC FERTILIZERS, INC.™

10585 Industry Ave.
Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

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DIRECTIONS FOR USE

Trees

Pre-Plant: Use 1/2 to 1 pound mixed with soil in the hole.
Use 1 - 1 1/2 pounds in the area surrounding the hole. Do not concentrate the material near the base of the tree. Work lightly into the soil. Water well.

Established Trees: Use 1 pound per foot of tree height.
Spread evenly in the area surrounding the tree trunk and root zone. Do not concentrate the material near the base of the tree. Work lightly into the soil Water well.

Container Plants

Pre-Plant: Use 1/4 cup per gallon of potting soil. Mix thoroughly with potting soil prior to planting. Water well.

Established Plants: Use 1/8 cup per gallon of potting soil. Mix well with soil surrounding plant. Water well.

Shrubs and Ornamental Vines

Pre-Plant: Use 1/2 pound mixed with soil in the hole. Use 1/2 pound in the area surrounding the hole. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Established Shrubs and Ornamental Vines: Use 1 pound. Spread evenly in the area surrounding the plant. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Turf/Lawns

Pre-Plant: Use 10-20 pounds per 1,000 sq. ft. Spread evenly and work lightly into the soil prior to seeding or planting. Water well.

Established Turf/Lawn: Use 10-20 pounds per 1,000 sq. ft. Spread evenly. Water well.

Frequency: Feed 2 to 3 times a year or as needed.

Vegetables

Transplant: Use 1/4 to 1/2 pound mixed with soil in the hole.
Use 1 pound in the area surrounding the hole. Do not concentrate the material near the base of the plant. Work lightly into the soil. Water well.

Established Vegetables: Use 10-20 pounds per 1,000 sq. ft. Work lightly into the soil. Water well.

Frequency: Feed 2 to 3 times a year including when growth begins in the spring or as needed.

Net Weight:
- ☐ 50 lbs., 22.68 Kg
- ☐ 2000 lbs., 907 Kg
- ☐ Sample
- ☐ _____

Lot #: _____