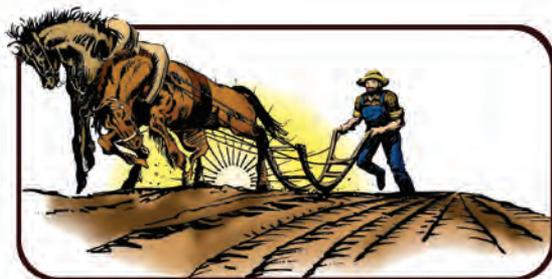


**CALIFORNIA ORGANIC
FERTILIZERS INC.**

2018 Product Guide

800-269-5690

www.organicag.com



**CALIFORNIA ORGANIC
FERTILIZERS INC.**

GENERAL INFORMATION

**Address: California Organic Fertilizers, Inc.
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TABLE OF CONTENTS

Introduction	Our Mission	4
	Features of COFI Products	5
	Food Safety and BioSecure®	6
	Plant Available Nitrogen	8
	Carbon to Nitrogen Ratios	9
	A New Class of Organic Fertilizers	10
	Turf & Landscape Products	11
	Phytamin Liquid Technology	12
	Phyta-Grow®	Phyta-Grow® Product Line Description
Big Red™ (13-0-0)		14
Bone Meal™ (4-14-0)		15
Citrus Avocado Mix™ (8-5-4)		16
Countdown™ (4-3-2)		17
Guano Phosphate™ (2-7-0)		18
Kickstart™ (6-1-2)		19
Leafy Green Special™ (7-1-2)		20
Pre-Plant Plus™ (7-5-7)		21
Pre-Plant Plus Blend™ (7-4-5)		22
Produce Special™ (8-5-4)		23
Salinas Veggie Mix™ (8-4-4)		24
Super 8™ (8-1-1)		25
Super “N”™ (12-0-0)	26	
Veggie-Mix™ (8-5-0.5)	27	
Phytamin®	Phytamin® Product Line Description	28
	All-Purpose (4-3-4)	29
	Fish (3-2-0)	30
	Fish Concentrate (4-2-0)	31
	Fish Plus (4.5-2-1)	32
	Special (4-1-1)	33
	Express (4-1-1)	34
	PE (2.7-2-2)	35
	Plant Extract (2.7-2-2)	36
	Plant Extract (3-3-2)	37
	Clear (4-0.03-1)	38
Phyta-QC™	Phyta-QC™ Product Line Description	39
	Phyta-Cal™ QC	40
	Phyta-Molasses™ QC	41
	Phyta-Set™ QC	42
Phyta-Boost®	Phyta-Boost® Product Line Description	43
	Plant Food (7-1-2)	44

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.

Celebrating 28 Years in Business

Thank You

California Organic Fertilizers, Inc. is proud to be celebrating our 28th year in business!

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

Our dedication and commitment to produce safe, dependable, high-quality organic 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

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.

FOOD SAFETY & BIOSECURE®

California Organic Fertilizers operates under a third party-designed Hazard Analysis and Critical Control Points (HACCP) program. All of our personnel are trained on this plan by a third party certifier and tested for their knowledge before being issued a certificate.

Throughout each stage of our manufacturing process we test temperature, measure moisture levels, check pH levels, and follow the HACCP plan. We test every production run for pathogens in 24 ton lots. We track every raw material by lot number and have the ability to issue a recall for all product produced with any raw material within a three hour time frame (although we have never actually had a recall).

Even with a HACCP program in place and even with rigorous testing, our management felt that we needed to do more. We began running inoculation challenges using a microbiological lab and achieved our goal when the results came back: **product deliberately contaminated with E. coli 0157:H7, Listeria, EHEC, and Salmonella was found free of pathogens 24 hours later.** We named this proprietary process BioSecure®.



The Benefits

- BioSecure® is toxic to pathogens, but has no negative impact on beneficial soil microbes and organisms.
- BioSecure® is compliant with all National Organic Product rules.
- BioSecure® guarantees that pathogen contamination that takes place during transport, application or storage will not survive in the fertilizer.
- BioSecure® is the best available technology for food safety in organic input materials today.



CALIFORNIA ORGANIC FERTILIZERS BIOSECURE™

The E. coli O157:H7 disaster in the fall of 2006 changed every aspect of the process of growing a crop and bringing it to market. Food safety is the top priority for everyone who is involved in food production: organic input producers, applicators, farmers, packers, brokers, and retailers. Strict regulations have changed the way food is grown, harvested, processed, and packaged. As the food industry focuses on methods to reduce or eliminate the risk of pathogen contamination, more safeguards are put in place and every aspect of the production process is scrutinized.

Fertilizer inputs, which are applied to many food sources directly and indirectly, reside at the very beginning of the production process. While pathogen testing is mandatory for manure and animal protein based fertilizers under the Leafy Green Marketing Agreement, companies handle their production and testing in very different ways.

In general, organic fertilizers are made from natural materials such as manure, food waste, organic industrial waste, rendered proteins, and other biologically active materials which may harbor pathogens. Most organic fertilizer products will also serve as a growth substrate for pathogenic microbes. As such, organic fertilizer products carry a risk of pathogen contamination.



Fertilizers are an integral part of soil preparation. Therefore, they have a more significant impact on the events that follow. The pyramid above illustrates this point; not only is fertilizer important to the growth of the crop, but it also affects the risk level in regards to food safety.

Today's organic fertilizers, used on everything from lettuce to berries, may be free of pathogens immediately following manufacture. However, few are capable of killing organisms that come in contact with the fertilizer during storage and at various points along the transportation pipeline. **So, although these fertilizers may be pathogen-free following production, the risk of contamination is reduced but not eliminated.**

COFI is proud to offer BioSecure™, a new class of organic fertilizer that is toxic to pathogens. **This means that the fertilizer is free of pathogens when made and it will never serve as a carrier or growth medium for pathogens. Pathogens coming into contact with BioSecure™ fertilizers simply die.**

With California Organic Fertilizers BioSecure™ fertilizers, growers are now able to minimize their food safety risk by eliminating risk associated with the application of organic fertilizers.

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	Turkey 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	\$0.125 per Pound	\$0.25 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

Turkey Litter

Veggie Mix

Calculate for Total N:
Number of Pounds Used x %N

Calculate for Total N:
 $1000 \times 4\% = 40 \text{ lbs.}$

Calculate for Total N:
 $1000 \times 8\% = 70 \text{ lbs.}$

Calculate for Total C:
Total N x C:N Ratio

Calculate for Total C:
 $40 \times 12.5 = 500$

Calculate for Total C:
 $8 \times 4 = 320$

Calculate New Tissue Carbon:
Total C x 25%

Calculate New Tissue Carbon:
 $500 \times 25\% = 125$

Calculate New Tissue Carbon:
 $320 \times 25\% = 80$

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:
 $70 - 10 = 60$

Calculate In-Season Efficiency:
PAN / Total N

Calculate In-Season Efficiency:
 $24.37 / 40 = 61\%$

Calculate In-Season Efficiency:
 $60 / 70 = 87.5\%$

Cost per PAN Unit of Nitrogen:
Total Cost / Total N / Efficiency

Cost per PAN Unit of Nitrogen:
 $\$125.00 / 40 / 0.61 = \5.12

Cost per PAN Unit of Nitrogen:
 $\$250.00 / 70 / 0.875 = \3.57

In this example, we see that although Veggie Mix costs more per ton than turkey 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 turkey 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 Clear	4	0.1:1
Phytamin Fish	3	3.4:1
Phytamin Fish Concentrate	4	2.5:1
Phytamin Fish Plus	4.5	2.8:1
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

A NEW CLASS OF ORGANIC FERTILIZERS!

Phyta-Grow Countdown and Kickstart are compost derived, pelletized fertilizers. This new class of product provides the benefits of compost combined with the high plant available nitrogen contained in proteins. These products also utilize our BioSecure technology.

These products are available in both pelletized and crumbled format. The crumbled form allows for very high surface area application coverage with a much smaller space between fertilizer particles. This is very effective in providing adequate nutrients to each plant, especially in densely planted crops such as spinach or other leafy greens.

Your food safety program and your crops will both benefit from these products. The composting and pelletizing process provides a double treatment in removing pathogens while still maintaining the biology of the compost. In comparison to other pelletized organic fertilizers, the pellets are pathogen free but contain non-pathogen microbes that act immediately to begin the mineralization process of releasing plant available nutrients. In contrast, pelletized and heat processed manures are sterile and rely on the soil to provide the biology to mineralize the manure that may result in slow nutrient availability.



ENVIRONMENTALLY FRIENDLY TURF & LANDSCAPE PRODUCTS

Commercial landscapers, golf courses, municipalities, and school districts all over the world are making the switch to sustainable and organic fertilizers. While the impetus for this sea change was largely health and environmental concerns, many are discovering that organic fertilizers such as COFI's line of products actually perform better and are more economical than chemicals!

Environmentally friendly. COFI's turf and landscape fertilizers improve water efficiency by building organic matter in the soil and reducing plant transpiration. Combined with the high plant availability of nutrient's in COFI's products, this greatly reduces the leaching of nitrates into local aquifers.

Nature's "Slow-Release" Fertilizers. COFI's products are slow-release, which means fewer applications and less sensitivity to specific application schedules. Also, our products specifically target root growth and strength, permitting more efficient use of water and nutrients, and long-term plant and soil health.

Stronger Turf. Turf fertilized with COFI's products is better able to withstand the stress and wear-and-tear present on heavily trafficked fields and greens. This hardiness and ability to recover from heavy use is due to healthier soils and root systems.

Organics are Community Friendly. Using organic, sustainable, and environmentally friendly fertilizers sets a great example for those in your community!



PHYTAMIN LIQUID TECHNOLOGY

Our variety of Phytamin brand 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. Many of the Phytamin formulations contain nitrate nitrogen which is fairly unique to liquid organic input materials. Phytamin products are derived from various nitrogen containing sources of raw materials including fossil guano, fish solubles, and plant extracts. Whatever your needs are, we have a liquid product that will deliver results.



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 50-60% 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.

Innovation

California Organic Fertilizers continues to be the industry leader in making our products **BioSecure®**. This guarantees that the product is free of pathogens when made and will never serve as a carrier or growth medium for pathogens. Pathogens coming into contact with BioSecure® fertilizers simply die.

Compliance

Our products comply with all of the stipulations for export of produce to the European Union and Canada, as well as NOP and Leafy Green Marketing Order rules. COFI products contain no factory farm manure as required by EU rules.

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





TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] BIG REDTM

13-0-0

Guaranteed Analysis

Total Nitrogen (N) 13%

13% Water Insoluble Organic Nitrogen

Derived from blood meal.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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. 10-1-14



TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] BONE MEALTM

4-14-0

Guaranteed Analysis

Total Nitrogen (N)	4%
4% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O 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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

Commercial Fertilizer

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www.organicag.com

Net Weight:

- | | |
|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] CITRUS AVOCADO MIXTM

8-5-4

Guaranteed Analysis

Total Nitrogen (N)	8%
2% Water Soluble Organic Nitrogen	
6% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	3%

Derived from meat and bone meal, seabird guano, and sulfate of potash.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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Commercial Fertilizer

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(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. 10-1-14



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 ₂ O ₅).....	3.0%
Soluble Potash (K ₂ O).....	2.0%
Derived from compost, meat & bone meal.	



STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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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Rev. 10-1-14

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[®] GUANO PHOSPHATE[™]

2-7-0

Guaranteed Analysis

Total Nitrogen (N)	2%
0.6% Ammoniacal Nitrogen	
1.4% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	7%
Derived from mined seabird guano.	

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapco.org/metals.htm>, or by calling (800) 269-5690.

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

Commercial Fertilizer

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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:

- | | |
|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



CALIFORNIA ORGANIC FERTILIZERS INC.
PHYTA-GROW®
KICKSTART™

6-1-2

Guaranteed Analysis

Total Nitrogen (N)	6.0%
0.5% Water Soluble Organic Nitrogen	
5.55% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	2.0%
Derived from soybean meal and compost.	



STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfc.org/metals.htm> or by calling (800) 269-5690.

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.

CALIFORNIA ORGANIC FERTILIZERS, INC.™

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

Rev. 4-13-11

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 #: _____



TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] LEAFY GREEN SPECIALTM

7-1-2

Guaranteed Analysis

Total Nitrogen (N)	7%
0.7% Water Soluble Organic Nitrogen	
6.3% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	1%
Soluble Potash (K ₂ O)	2%

Derived from soy meal.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

- | | |
|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



**CALIFORNIA ORGANIC
FERTILIZERS INC.**

PHYTA-GROW[®] PRE-PLANT PLUS[™]

7-5-7

Guaranteed Analysis

Total Nitrogen (N)	7%
0.6% Water Soluble Organic Nitrogen	
6.4% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

Commercial Fertilizer

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Net Weight:

- | | |
|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] PRE-PLANT PLUS BLENDTM

7-4-5

Guaranteed Analysis

Total Nitrogen (N)	7%
0.6% Water Soluble Organic Nitrogen	
6.4% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	5%

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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

Commercial Fertilizer

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|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



TM



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] PRODUCE SPECIALTM

8-5-4

Guaranteed Analysis

Total Nitrogen (N)	8%
2% Water Soluble Organic Nitrogen	
6% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	3%

Derived from meat and bone meal,
seabird guano, and sulfate of potash.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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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. 8-1-16



TM

CALIFORNIA ORGANIC FERTILIZERS INC.



PHYTA-GROW[®] SALINAS VEGGIE MIXTM

8-4-4

Guaranteed Analysis

Total Nitrogen (N)	8%
8% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

Commercial Fertilizer

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Net Weight:

- | | |
|--|--|
| <input type="checkbox"/> 50 lbs., 22.68 Kg | <input type="checkbox"/> 2000 lbs., 907 Kg |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] SUPER 8

8-1-1

Guaranteed Analysis

Total Nitrogen (N)	8.0%
8% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	1.0%

Derived from feather meal and compost.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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. 10-14-16



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] SUPER "N"[™]

12-0-0

Guaranteed Analysis

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

Derived from feather meal.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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| <input type="checkbox"/> Bulk | <input type="checkbox"/> Sample |
| | <input type="checkbox"/> _____ |

Lot #: _____

Rev. 10-1-14



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-GROW[®] VEGGIE-MIX[™]

8-5-0.5	
Guaranteed Analysis	
Total Nitrogen (N)	8.0%
8% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5.0%
Soluble Potash (K ₂ O)	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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

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Lot #: _____

Rev. 10-1-14

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.

Phytamin[®] liquid NPK fertilizers contain no molasses. Applying high carbon materials, such as molasses, with nitrogen is counter-productive. Molasses stimulates microbial growth and will reduce Plant Available Nitrogen by feeding microbes instead of the crop.

By applying a high carbon to nitrogen ratio fertilizer, much of the nitrogen will be sequestered by the microbes and will not be available for the crop.

The sequestered nitrogen will linger in the soil, and be prone to nitrate leaching once the crop is harvested.

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[®] fish based fertilizers are filtered through 200 mesh screens making 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 GAP, EU, Canada, and NOP organic laws and 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 Organic Nitrogen	
2.0% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅).....	2.7%
Soluble Potash (K ₂ O).....	3.7%

Derived from mined seabird guano, potassium sulfate, and 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® 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 <http://www.oapfco.org/metals.htm>, or by calling (800) 269-5690.

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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.

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Hanford, California 93230

(800) 269-5690 · Fax: (559) 582-2011

www.organicag.com

Rev. 10-1-14

Lot #: _____

Package Size: 275 gal. / 1041 L

5 gal. / 18.9 L Bulk

55 gal. / 208.2 L Sample

Density: 10 lbs. per gallon at 68° F



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN® FISH

Liquid Fertilizer



DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Fish** 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 gallon per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes

Phytamin® Fish 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 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** 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** 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.

3-2-0
Guaranteed Analysis

Total Nitrogen (N)	3.0%
1.0% Ammoniacal Nitrogen	
1.0% Water Soluble Organic Nitrogen	
1.0% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O 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** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation
Application of **Phytamin® Fish** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin® Fish** 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** 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

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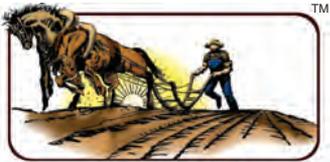
10585 Industry Ave.
Hanford, California 93230
(800) 269-5690 · Fax: (559) 582-2011
www.organicag.com

Rev. 10-1-14

- Package Size:
- 275 gal. / 1041 L
 - 5 gal. / 18.9 L
 - Bulk
 - 55 gal. / 208.2 L
 - Sample

Density: 9.5 lbs. per gallon at 68° F

Lot #: _____



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN®
FISH CONCENTRATE
 Liquid Fertilizer



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 gallon 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.

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 Concentrate** 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.

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Rev. 10-1-14

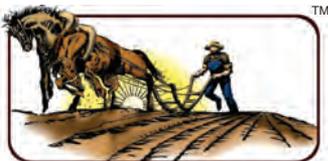
Package Size: 275 gal. / 1041 L

5 gal. / 18.9 L Bulk

55 gal. / 208.2 L Sample

Density: 10 lbs. per gallon at 68° F

Lot #: _____



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN® FISH PLUS

Liquid Fertilizer

4.5-2-1

Guaranteed Analysis

Total Nitrogen (N)	4.5%
1.3% Ammoniacal Nitrogen	
1.2% Nitrate Nitrogen	
1.3% Water Soluble Organic Nitrogen	
0.7% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	2.0%
Available Potash (K ₂ O)	1.0%

Derived from mined seabird guano and 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 Plus** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user. Call manufacturer if in doubt!

Fertigation

Application of **Phytamin® Fish Plus** is safe through most types of irrigation equipment including drip tape and aluminum pipe.

Phytamin® Fish Plus 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 Plus 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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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.organicg.com

Rev. 10-1-14

Lot #: _____



DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Fish Plus** 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 Plus 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 Plus 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 Plus** 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 Plus** 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.

Package Size: 275 gal. / 1041 L

5 gal. / 18.9 L Bulk

55 gal. / 208.2 L Sample

Density: 10 lbs. per gallon at 68° F



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN[®] SPECIAL

4-1-1

Guaranteed Analysis

Total Nitrogen (N)	4.0%
2.5% Water Soluble Organic Nitrogen	
1.5% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	1.0%
Available Potash (K ₂ O)	1.0%

Derived from corn steep, fish solubles.

NON-PHYTOTOXIC:

To date, all crops tested have not shown any negative effects to treatments of **Phytamin[®] Fish Gold** 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.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfc.org/metals.htm>, or by calling (800) 269-5690.

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. 5-7-15

Lot #: _____



DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin[®]** 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[®] 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[®] 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[®]** 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[®]** may be used successfully on most crops. Please consult your dealer for rates and timing of applications.

SOIL APPLICATION

Side-dress: Apply 25 to 100 gallons per acre.

Drip Systems: Apply 1 to 15 gallons per acre per week.

Water-run: Apply 3 to 50 gallons per acre.

Pre-plant: Apply 2 to 200 gallons per acre.

Sprinklers: Apply 5 to 30 gallons per acre. Do not use during periods of plant stress, high heat, or high winds. Cease application at least 30 minutes prior to end of irrigation cycle to remove excess fertilizer from plant surface.

Package Size:

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

Density: 9.8 lbs. per gallon at 68° F



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN® EXPRESS

Liquid Fertilizer

4-1-1

Guaranteed Analysis

Total Nitrogen (N).....	4.0%
3.5% Water Soluble Nitrogen	
0.5% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅).....	1.0%
Soluble Potash (K ₂ O).....	1.0%

Derived from corn steep liquor, soy protein hydrolysate.

NON-PHYTOTOXIC:

To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Express** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user.

Call manufacturer if in doubt!

Fertigation

Application of **Phytamin® Express** is safe through most types of irrigation equipment including drip tape and aluminum pipe.

Phytamin® Express 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® Express 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

<http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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.



DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Express** 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 - 2 gallons per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes

Phytamin® Express may be applied at any time throughout the bloom period.

Application Rate: ½ - 2 gallons per acre at 10 to 14 day intervals throughout the bloom period.

Peppers

Phytamin® Express should be applied during the early bloom period.

Application Rate: ½ - 2 gallons 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® Express** throughout the growing period.

Application Rates: ½ - 2 gallons 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® Express** may be used successfully on most crops. Please consult your dealer for rates and timing of applications.

SOIL APPLICATION

Side-dress: Apply 5 to 100 gallons per acre.

Drip Systems: Apply 1 to 30 gallons per acre per week. Flush system with clean water after treatment.

Sprinklers: Apply 3 to 40 gallons per acre per week. Flush system with clean water after treatment.

Water-run: Apply 3 to 50 gallons per acre.

Pre-plant: Apply 10 to 100 gallons per acre.

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Package Size:

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

Density: 10.2 lbs. per gallon at 68° F

Lot #: _____



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 ₂ O ₅)	2.0%
Soluble Potash (K ₂ O)	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 type 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.

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.



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.

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Rev. 7-1-17

Package Size:

- | | |
|--|--|
| <input type="checkbox"/> 5 gal. / 18.9 L | <input type="checkbox"/> 265 gal. / 1003 L |
| <input type="checkbox"/> 55 gal. / 208.2 L | <input type="checkbox"/> Bulk |
| | <input type="checkbox"/> Sample |

Density: 10.0 lbs. per gallon at 68° F

Lot #: _____



CALIFORNIA ORGANIC FERTILIZERS INC.

**PHYTAMIN®
PLANT EXTRACT**

Liquid Fertilizer

2.7-2-2

Guaranteed Analysis

Total Nitrogen (N)	2.7%
1.2% Water Soluble Nitrogen	
1.5% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	2.0%
Soluble Potash (K ₂ O)	2.0%

Derived from corn steep liquor,
mined seabird guano.

NON-PHYTOTOXIC:

To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Plant Extract** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user.

Call manufacturer if in doubt!

Fertigation

Application of **Phytamin® Plant Extract** is safe through most types of irrigation equipment including drip tape and aluminum pipes. **Phytamin® Plant Extract** 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® Plant Extract** 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 <http://www.aapfco.org/metals.htm>

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. 7-1-14

Lot #: _____



DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Plant Extract** 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: ¼ - 1 gallons per acre applied at 7 to 14 day intervals starting when spring cane growth reaches 12 inches in length.

Tomatoes

Phytamin® Plant Extract 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® Plant Extract 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® Plant Extract** 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® Plant Extract** 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
- 25 gal. / 100.3 L
- 55 gal. / 208.2 L
- Bulk
- Sample

Density: 10 lbs. per gallon at 68° F



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN® PLANT EXTRACT

Liquid Fertilizer

3-3-2

Guaranteed Analysis

Total Nitrogen (N)	3.0%
1.5% Water Soluble Nitrogen	
1.5% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	3.0%
Soluble Potash (K ₂ O)	2.0%
Derived from corn steep liquor.	

NON-PHYTOTOXIC:

To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Plant Extract** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user.

Call manufacturer if in doubt!

Fertigation

Application of **Phytamin® Plant Extract** is safe through most types of irrigation equipment including drip tape and aluminum pipe. **Phytamin® Plant Extract** 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® Plant Extract** 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 <http://www.aapico.org/metals.htm>

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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DIRECTIONS FOR USE

Mix well before use.

Cotton

To improve production, **Phytamin® Plant Extract** 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® Plant Extract 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® Plant Extract 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® Plant Extract** 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® Plant Extract** 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:

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

Density: 9.6 lbs. per gallon at 68° F

Lot #: _____



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN® CLEAR

4-0.03-1

Guaranteed Analysis

Total Nitrogen (N) 4.0%
 1.0% Ammoniacal Nitrogen
 3.0% Nitrate Nitrogen
 Available Phosphoric Acid (P₂O₅) 0.03%
 Soluble Potash (K₂O) 1.0%

Derived from mined seabird guano.

NON-PHYTOTOXIC:

To date, all crops tested have not shown any negative effects to treatments of **Phytamin® Clear** at labeled rates. Mixes with other products require compatibility and phytotoxic testing by user.

Call manufacturer if in doubt!

Fertigation

Application of **Phytamin® Clear** is safe through most types of irrigation equipment including drip tape and aluminum pipe, and overhead sprinkler systems. Always flush irrigation lines after **Phytamin® Clear** treatment to prevent possible corrosion. Always inject **Phytamin®** products in front of any filter system.

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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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.™

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Lot #: _____



DIRECTIONS FOR USE

Phytamin Clear contains 100% soluble nutrients. Use Phytamin Clear in all types of irrigation systems. Phytamin Clear may be used in all types of crops.

Do not apply as a foliar fertilizer.

Yield and quality may be improved by regular treatments of Phytamin Clear throughout the growing period.

Application Rates: Phytamin Clear may be used on most crops.

SOIL APPLICATION

Side-dress: Apply 5 to 70 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 40 gallons per acre.

CAUTION: Do not apply through sprinklers during high winds or daytime temperatures over 85 degrees Fahrenheit.

Commercial Fertilizer

Package Size:

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

Density: 11.0 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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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

Rev. 10-1-14

Lot #: _____



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

Density: 10.5 lbs. per gallon at 68° F



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTA-MOLASSES QC™

0-0-2

Guaranteed Analysis

Soluble Potash (K₂O) 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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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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Lot #: _____



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. Following is a recommended formula for quality Compost Tea production.

- Add the following for each 100 gallons:
- 1 gallon of **Phyta-Molasses QC™**
 - 1 quart of **Phytamin® Humic Acid**
 - 1 gallon of **Phytamin® 522 Fish**
 - 1 pint of **Phyta-Ger QC™** (pH range of 6.5 to 7.2)
 - 1/4 pound of kelp powder

Use only high quality compost from a known quality source.

Contact California Organic Fertilizers, Inc. for fore information.

Package Size:

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

Density: 10 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 <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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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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-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: 275 gal. / 1041 L

5 gal. / 18.9 L Bulk

55 gal. / 208.2 L Sample

Density: 10.5 lbs. per gallon at 68° F

Lot #: _____

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.

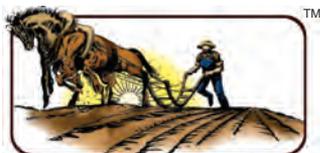
While many organic products are slow acting, Phyta-Boost products are fast acting as well as long lasting. Since the organic materials used feeds the soil as well as the plant, fewer applications are needed and the amount of nitrogen required to keep plants growing and looking good is often about one 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 ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	2.0%

Derived from soy meal.



STORE PRODUCT IN A DRY LOCATION

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>, or by calling (800) 269-5690.

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.

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Rev. 10-1-14

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.

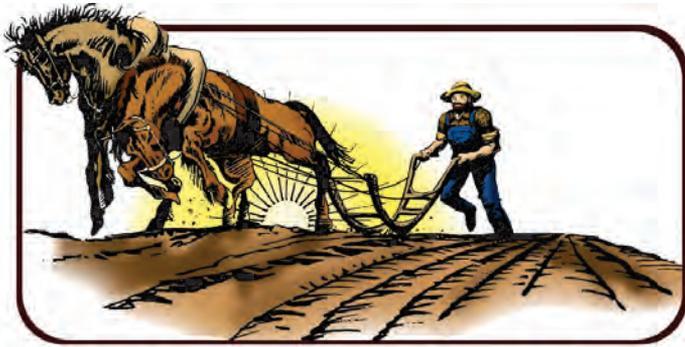
Frequency: Feed 2 to 3 times a year including when growth begins in the spring or as needed.

Net Weight:

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

Lot #: _____

*Proudly educating,
empowering, and enabling
successful organic farms
for over 28 years.*



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