



CALIFORNIA ORGANIC FERTILIZERS INC.

PHYTAMIN[®] JUMPSTART

4-1-1

Guaranteed Analysis

Total Nitrogen (N)	4.0%
3.7% Water Soluble Nitrogen	
0.3% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	1.0%

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

Phytamin Jumpstart is manufactured using microbial digestion processes to convert proteins to natural ammonia. All ingredients stated in the derivation for Phytamin Jumpstart have been fully digested, and only the converted ammoniacal nitrogen is found in the finished product.

Do not apply as a foliar fertilizer.



CALIFORNIA ORGANIC FERTILIZERS, INC.[™]
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Information regarding the contents and levels of metals in this product is available on the Internet at <https://www.aapfco.org/metals.html>

Commercial Fertilizer
Intended for use as a fertilizer

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

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

Package Size:

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

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

Lot #: _____

Version 5-28-24

General Information and Recommendations

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

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

Application Rates

Vegetables

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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