



PURE PROTEIN Dry

5 - 12 - 14

**ORGANIC FISH FERTILIZER MADE FROM COD FISH PROTEIN AND OTHER NATURAL NUTRIENTS
PRIMO HYDROLYSATE**

GENERAL RATES FOR USE: DISSOLVES EASILY IN WATER.

**Field Crops, Broccoli, Beans, Corn, Cauliflower, Cotton, Grains
Tomatoes, etc.,**

Soil – Row applications, apply 1 to 3 pounds per acre with seed, **If transplants**, apply 2 pounds per acre with your fertility program

Foliar – Apply 1 to 2 pounds per acre when plants are 5 to 7 inch stage and again every week till harvest.

Apples, Citrus, Grapes, Peaches, Pears and Nuts

Young Trees: Application Drip – Apply 2 to 4 pounds per acre every 4 weeks during growing season.

Mature Trees: Application Drip – Apply 2.5 to 3 pounds per acre every 3 to 4 weeks during the growing season.

Foliar – Apply 2 pounds per acre every week during the growing season

Foliar – Apply 2 to 3 pounds in 100 gallons of water per acre during the spray cycle
(Pre Bloom- summer-fall) Spray foliage until runoff occurs

Berries, fruits, nuts, and vegetables et:

Soil- Apply 2 % solution with transplants at Planting

Apply 2.5 to 5 pounds per acre monthly during growing season through drip, flood, or furrow.

Irrigation. Rate is based on size of trees, vines, or vegetable crop.

Foliar – Apply 1 to 2 pounds per acre with 50/100 gallons of water every 10 to 14 days during the growing season.

Do NOT store or save mixed solutions.

Pure Protein Hydrolysate has a pH of 6 to 7.

It is compatible when applied with most Micronutrients and pesticides.

Do a jar test to ensure mixing compatibility.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	5.08%
0.04% Ammoniacal Nitrogen	
0.03% Nitrate Nitrogen	
0.01% Urea Nitrogen	
4.92% Other Water Soluble Nitrogen	
0.08% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	12%
Soluble Potash (K ₂ O)	14%
Calcium (Ca)	5%
Sulfur (S)	6%

**DERIVED FROM: FISH PROTEIN HYDROLYSATE,
ROCK PHOSPHATE AND POTASSIUM SULFATE.**

QUANTITY

Weight Sold As

- 1 Pound Bags** (454 gms) _____
- 5 Pound Bags** (2.27 kg) _____
- 44 Pound Bags** (20 kg) _____

All Weights @ 68 °F



Guaranteed by AZ ENTERPRISES INC
DBA ORGANIC AG PRODUCTS
2367 Brant St., Arroyo Grande, CA 93420
(805) 550-7776

For Sales contact Ed Zyburra (805) 550-7776 (Cell)
Phone: 805-474-8562 or 877-964-2887
Fax: 805-474-8531
Joe Haslett (805) 748-4033 • joehaslett.oap@gmail.com

**Caution: May be harmful if swallowed
KEEP OUT OF THE REACH OF CHILDREN.**

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm> 08/15/2016

APPLICATION RATES BY CROP FOR PURE PROTEIN DRY 15-1-1

DECIDUOUS FRUIT TREES

Apples, Nectarines, Peaches, Pears, Persimmons, Plums, Pomegranates, etc

1. At pedel fall spray 1 lb/acre
2. When apples are a dime size spray 2 lb/acre
3. At quarter size spray 2 lbs/acre
4. At dollar size spray 1 lb/acre
5. 3 weeks before harvest, 2 lbs/acre
6. After harvest spray 1 lb/acre

CITRUS TREES

(Grapefruits, Lemons, Limes, Oranges, Pecans, Tangelos, Tangerins, etc)

Optional: At pre-bloom (2 weeks prior to bloom), 1 lb/acre

1. At pedel fall spray 1 lb/acre
2. When citrus are a dime size spray 2 lb/acre
3. At quarter size spray 2 lbs/acre
4. At half dollar size spray 2 lbs/acre
5. 3 weeks before harvest, 2 lbs/acre
6. After harvest spray 1 lb/acre

Grapes

1. At new growth, 1-2 lbs/acre
2. At pre-bloom to bloom, 1-2 lbs/acre
3. 2 weeks later or at fruit set, 1-2 lbs/acre
4. 2 to 3 weeks later, 1-2 lbs/acre
5. 2 weeks before harvest, 1-2 lb/acre
6. *Optional:* repeat last application twice in one month before harvest to raise Brix

Nuts (Almonds, Cherries, Pecans, Pistachios, Walnuts, etc)

1. At pedel fall spray 1 lb/acre
2. When almonds are a BB size spray 2 lb/acre
3. Spray 2 weeks later 1 lb/acre
4. Spray 2 weeks later 2 lbs/acre
5. 3 weeks before harvest, 2 lbs/acre
6. After harvest spray 1 lb/A

TROPICAL FRUITS

Bananas & Coco

1. Every month, spray 1-2 lbs/acre

Mangos, Litchi, Longan

1. From later of February to harvest, every month, spray 1-2 lbs/acre
2. After harvest, spray 2 lbs/acre
It is very important to keep Callicium (10%) and Magnesium (2%) for BIGGER FRUIT in your fertilizer program.

Tomatoes

1. At 6 to 8 seedling height, 1-2 lb/acre
2. At pre-bloom, 1-2 lbs/acre
3. 2 weeks after 2nd application, 2 lbs/acre
4. Repeat 3 after first picking for new picking

Keep necessary P and K 10% to your fertilizer program.

GRAINS, ECONOMIC CROPS

Corn and Sorghum

1. At 4" to 6", 1 lb/acre
2. At 12" to 18", 1-2 lbs/acre
3. At or just prior to tassel, 1-2 lb/acre
4. 3-4 weeks after last application, 1-2 lb/acre

Cotton

1. At match head square (early bud stage not including outer bracts) when bud is the size of a kitchen match, 1-2 lbs/acre.
2. 3 applications at 7-10 day intervals, 1 lb/acre
3. At first Bloom, at the first white flower, 1-2 lbs/acre
4. Repeat, 14 days later, 1-2 lbs/acre

Coffee

1. At pre-bloom to bloom, 1-2 lbs/acre
2. 3 weeks after 1st application, 1-2 lbs/acre
3. 3 weeks after 2nd application, 1-2 lbs/acre
4. 2 month prior to harvest, 2 lbs/acre
5. 1 month prior to harvest, to raise quality, 2 lbs/acre
6. *Optional:* After harvest, for over wintering, 2 lb/acre

Grains (Wheat, Barley, Oats, etc)

1. At 3 to 5 leaf stage, 1 lb/acre
2. 2 Weeks after 1st application, 1-2 lbs/acre
3. 2 Weeks after 2nd application, 1-2 lbs/acre
4. After grains' plant heading, 2 lbs/acre
5. *Optional:* 4 weeks before harvest, to raise Brix, 2 lbs/acre

Pasture

1. At early growth stage, 1-2 lbs/acre
2. 2 weeks after 1st application, 1-2 lbs/acre
3. 1-2 weeks after mowing or grazing, 1-2 lbs/acre

Peanuts

1. At 3-5 leaf, 1 lb/acre
2. 2 weeks after 1st application, 1 lb/acre
3. 2 weeks after 2nd application, 2 lbs/acre
4. 3 weeks after 3rd application, 1-2 lbs/acre
5. *Optional:* 4 weeks before harvest, to raise Oil, 2 lbs/acre

Rices

1. 25 to 30 days after planting, 1-2 lbs/acre
- 30 days after 1st spray, 1-2 lbs/acre
3. After grains' plant heading, 2 lbs/acre
4. 2 to 3 weeks before harvest to raise Brix, 1-2 lbs/acre
5. *Optional:* 4 weeks before harvest, to raise Brix, 2 lbs/acre

Sugarbeets

1. At 3 to 5 leaf stage, 1-2 lbs/acre
2. Every month through harvest, 1-2 lbs/acre

Sugar Cane

1. 25 to 30 days after planting, 1-2 lbs/acre
2. 30-45 days after 1st spray, 1-2 lbs/acre
3. Every 3-4 months after 2nd, 1-2 lbs/acre
4. 3 weeks before harvest to raise brix, 1-2 lbs/acre
5. 30 days after harvest. If ratoon crop, 1-2 lbs/acre after repeat 1 to 4 above

Soybean

1. At 3-5 leaf, 1 lb/acre
2. 2 weeks after 1st application, 1 lb/acre
3. 2 weeks after 2nd application, 2 lbs/acre
4. 3 weeks after 3rd application, 1-2 lbs/acre
5. *Optional:* 4 weeks before harvest, to raise Oil, 2 lbs/acre

Sunflowers

1. At 3-5 leaf, 1-2 lbs/acre
2. 2 weeks after 1st application, 1-2 lbs/acre
3. 2 weeks after 2nd application, 1-2 lbs/acre
4. 3 weeks after 3rd application, 1-2 lbs/acre
5. *Optional:* 4 weeks before harvest, to raise Oil, 2 lbs/acre

Teas

1. At pre-bloom to bloom, 2 lbs/acre
2. Every 2 weeks prior to first picking, 2 lbs/acre
3. 1-2 days after first picking, for second picking, 2 lbs/acre

4. Repeat 3 for new picking
5. *Optional:* After harvest, for over wintering, 2-4 lb/acre

Tobaccos

1. 2 weeks after transplant, 1-2 lbs/acre
2. Every month, 1-2 lbs/acre
3. 20-30 days prior to harvest, 2 lbs/acre

**All applications should be applied by drip irrigation or aerial spraying.*

Keep necessary P, K and Trace elements 10% or more in your fertilizer program.

BERRIES

Blueberries

1. At pre-bloom, 1-2 lbs/acre
2. At flowering, 1-2 lbs/acre
3. At petal fall, 1-2 lbs/acre
4. 30 days after last application, 1-2 lbs/acre
5. 30 days after last application or 2 weeks prior to first picking, 1-2 lbs/acre
6. Repeat 5 for new picking
7. *Optional:* 2 to 4 weeks after harvest for over wintering and increased fertile buds, 1-2 lbs/acre

Brambles

1. At pre-bloom, approximately 2 weeks prior to bloom, 1-2 lbs/acre
2. After petal fall, 1-2 lbs/acre
3. 4 weeks after last application, 1-2 lbs/acre
4. 4 weeks after last application, 1-2 lbs/acre
5. 2 weeks before first picking, 1-2 lbs/acre
6. Repeat 5 for new picking

Strawberries

1. 10 days to 2 weeks after planting
2. At pre-bloom, 1 lb/acre
3. At petal fall or fruit set, 1-2 lbs/acre
4. Every week through first picking, 1-2 lbs/acre
5. Repeat 4 for new picking

IT IS VERY IMPORTANT TO KEEP ENOUGH P, K, AND TRACE ELEMENTS, ESPECIALLY CALCIUM (10%) AND MAGNESIUM (2%) FOR BIGGER FRUIT & YIELDS IN YOUR FERTILIZER PROGRAM. ADD 1 PINT OF KELP GREEN WITH YOUR APPLICATIONS OF PPD IF NEEDED.

NOTE:

PPD IS 100% WATER SOLUBLE 1 LB OF PPD CAN BE HELD IN SOLUTION IN A GALLON OF WATER. BE SURE TO MIX PPD IN A WATER SOLUTION PRIOR TO RUNNING THROUGH SPRAY. FOLIAR SPRAYING'S EFFECT WILL BE BETTER THAN DRIP IRRIGATION TO FEED PLANT ROOTS.