



# PURE PROTEIN Dry

## 15 - 1 - 1

**ORGANIC FISH FERTILIZER MADE FROM COD FISH HYDROLYSATE  
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.**

Compatibility: Pure Protein 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.**

WEIGHT SOLD AS <i>(All Weights @ 68 °F)</i>	QUANTITY
<input type="checkbox"/> 1 Pound Bags (454 gms)	_____
<input type="checkbox"/> 5 Pound Bags (2.27 kg)	_____
<input type="checkbox"/> 44 Pound Bags (20 kg)	_____
<input type="checkbox"/> 55 Pound Bags (25 kg)	_____

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) ..... 15%  
0.026% Ammoniacal Nitrogen  
0.006% Nitrate Nitrogen  
0.086% Urea Nitrogen  
14.88% Other Water Soluble Nitrogen  
0.002% Water Insoluble Nitrogen  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 1%  
Soluble Potash (K<sub>2</sub>O) ..... 1%

**DERIVED FROM: FISH PROTEIN HYDROLYSATE**

**CAUTION: MAY BE HARMFUL IF SWALLOWED. KEEP OUT OF THE REACH OF CHILDREN.**

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

For Sales contact Ed Zybura (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



WSDA LISTED  
PRODUCT #2049-0002  
REV 05-18-13

Information regarding the contents and levels of metals in this product is available on the  
Internet at <http://www.aapfco.org/metals.htm> 02/04/2016

# 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, Tangerines, 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

## 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
- 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 and 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
- 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.**