

HUMIPLEX® 8-0-4

GUARANTEED ANALYSIS

Total Nitrogen (N).....	8.00%
0.58% Ammoniacal Nitrogen	
1.68% Nitric Nitrogen	
5.74 Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅).....	0.00%
Soluble Potash (K ₂ O).....	4.00%
Manganese (Mn).....	0.20%
0.20% Chelated Manganese	

Derived from: Potassium Nitrate, Urea, Urea Triazone, Manganese Chelate.

Also contains: Penmax®, Achieve™, Amino Acid, and AAT (Advanced Additive Technology)

KEEP OUT OF REACH OF CHILDREN

WARRANTY: Western Nutrients Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients corp. label attached to the product container.

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

Humiplex, Penmax and Achieve are Registered Trademarks of Western Nutrients Corporation

**NET CONTENTS 5 GALLONS
18.93 LITERS
9.5 LBS. PER GAL @ 68 ° F
1062 GRAMS PER LITER @ 20 ° C**



**MANUFACTURED BY -
WESTERN NUTRIENTS CORPORATION**

245 Industrial Street
Bakersfield California 93307
(661) 327-9604 / (661) 327-1740 Fax
(800) 542-6664 Ca. Only
E-mail: westernnutrients@lightspeed.net
Website: <http://www.westernnutrientscorp.com>

PRODUCT INFORMATION

HUMIPLEX® 8-0-4 is a highly soluble, low salt index formulation developed to supplement standard soil fertility practice. **HUMIPLEX® 8-0-4** provides an additional source of nitrogen, phosphorous and potassium nutrients during the growing season.

HUMIPLEX® 8-0-4 is designed to be used in concert with soil and tissue tests and professional recommendations to manage the nutrient levels and nutrient balance within the crop.

HUMIPLEX® 8-0-4 is in the form readily absorbed by plant tissue. In this form, nitrogen phosphorous and potassium can be applied to the growing plant. Applications of **HUMIPLEX® 8-0-4** early in the plant's life can encourage earlier development, increased growth and vigor. **HUMIPLEX® 8-0-4** may effectively be applied at the first to second true leaf stage as a directed spray to the small plant. Spraying young plants, use ground application equipment and use "sprayed acres" to determine amounts of spray to be applied.

ALL FIELD CROPS OR DIRECT SEEDED CROPS:

HUMIPLEX® 8-0-4 placed immediately under the seed can speed early growth and strengthen young plants. Apply 1-3 gallons (4-11 liters) per acre banded in the seed bed but not in direct contact with seed. On light textured or sandy soils (CEO 20 or below) use 1-2 gallons (4-11 liters) per acre. Do not apply directly under seed on cotton. DO NOT apply to soils with inadequate moisture for germination unless seeds will be irrigated up. APPLICATION TO SOILS WITH INADEQUATE MOISTURE MAY RESULT IN GERMINATION PROBLEMS.

VINE CROPS

Grapes 1-3 gallons (1-4 liters) per acre three to four times each season. 1 gallon (4 liters) per acre at first full leaf, then 2-3 gallons (8-11 liters) per acre at post bloom berry size and three to four weeks prior to harvest.

TURF GRASSES

1 gallon (4 liters) per 5000 square feet applied with sufficient water to insure uniform distribution. May be applied every 30 to 60 days during growing season. Supplemental nitrogen should be added as recommended by your supplier and/ or Pest Control Advisor.

TRANSPLANT SOLUTIONS AND DRENCHES

Mix thoroughly 1-2 gallons (4-8 liters) in not less than 100 gallons (379 liters) of water and drench roots. For vegetables drench entire plant. Plant immediately after drenching. Do not allow plants to dry or wilt. Total amount of **HUMIPLEX® 8-0-4** used should not exceed 3 gallons (11 liters) per acre regardless of amounts of water used in transplanting.

TREE CROPS

Apples, Nectarines, Peaches, Pears, and Plums: 1-3 gallons (4-11 liters) per acre three to four times each season, starting at three quarter leaf, then at early fruit size, fruit midsize and three to four weeks prior to harvest. Avocados. 1-4 gallons (4-15 liters) per acre timed to pre bloom, early fruit set, and fruit sizing periods.

Cherries and Apricots: 1-3 gallons (4-11 liters) per acre three to four times each season. Starting at pink bud, first full leaf, then at fruit midsize, and post harvest.

Citrus: 2-4 gallons (8-15 liters) per acre three times per year. Starting at pre bloom, early fruit set and then fruit size.

Figs: 1-3 gallons (4-11 liters) per acre three to four times each season. Starting at first full leaf, then at fruit set, fruit size, and three to four weeks prior to harvest. 1-3 gallons (4-11 liters) per acre three times each season. Starting at pre bloom, early fruit development, and three to four weeks prior to harvest.

Walnuts, Almonds, Pistachios, Filberts, and Pecans: 1-4 gallons (4-15 liters) per acre three times each season starting at full leaf, early nut development and three to four weeks prior to hull split.

VEGETABLE AND HORTICULTURAL CROPS

Artichokes: 1-3 gallons (4-11 liters) per acre three to four weeks prior to each peak harvest periods.

Asparagus: 1-3 s (4-11 liters) per acre at full fern turns yellow in fall.

Bush Berries: 1-3 gallons (4-11 liters) per acre three times each season. Starting at first full leaf, then post-bloom, and at berry sizing time.

Celery: 1-3 gallons (4-11 liters) per acre immediately after transplanting or thinning, three to four weeks after first application and three to four weeks prior to harvest.

Cole Crops: (Cabbage, Cauliflower, Broccoli, Brussels Sprouts) 1-3 gallons (4-11 liters) per acre immediately after transplanting or thinning: three to four weeks after first application and three to four weeks prior to harvest.

Lettuce: 1-3 gallons (4-11 liters) per acre two to three each season. Starting at second true leaf after transplanting or thinning, at folding, with the last application three weeks prior to harvest.

Melons, Cucumbers, Squash: 1-3 gallons (4-11 liters) per sprayed acre three times per year. Starting at 2nd to 3rd leaf stage, then early post bloom, and then two to three weeks prior to harvest.

Onions, Garlic: 1-3 gallons (4-11 liters) per acre three times each season. Starting when first leaf is 3 inches, then at midseason, and then two and three weeks prior to harvest.

Peppers: 1-3 gallons (4-11 liters) per acre three times each season. Starting at first new growth after transplant or thinning. Then at first blossom and at fruit set/ fruit size.

Spinach: 1-3 gallons (4-11 liters) per acre three times each season. Starting at first true leaf, then midseason and two to three weeks prior to harvest.

Strawberries: 1-2 gallons (4-8 liters) per acre at early fruit set and after each picking.

Sweet Corn: 1-3 gallons (4-11 liters) per sprayed acre starting at second to third leaf stage, pre tassel and early ear development.

Sweet Potatoes: Use planting drench of 3 gallons (11 liters) per 100 gallons (379 liters) of water, then foliar 1-3 gallons (4-11 liters) per acre three weeks after planting, midseason, and two to three weeks prior to harvest.

Tomatoes: 1-3 gallons (4-11 liters) per acre four times each season. Starting at first true leaf, then at early bloom fruit set, and early fruit size.

FIELD CROPS

Alfalfa: 1-3 gallons (4-11 liters) per acre immediately after each cutting 2-3 gallons (8-11 liters) per acre after the final cutting of the season.

Beans, Peas: 1 gallon (4 liters) per acre at first true leaf stage, 1-2 gallons (4-8 liters) per acre at pod fill.

Corn: 1-3 gallons (4-11 liters) per acre at 8-12 inch and 24-30 inch height.

Cotton: 1-3 gallons (4-11 liters) per acre three to four times each season. Starting at first square, then first bloom, peak bloom boll set.

Milo: 1-3 gallons (4-11 liters) per acre, three times each season at three week intervals, starting at 8-12 inch height.

Peanuts: 1-3 gallons (4-11 liters) per acre, three times each season starting at first trifoliate leaf. Last application at pod fill.

Potatoes: 1-3 gallons (4-11 liters) per acre three to four times during season. The first at early emergence, three to four weeks later and pre bloom.

Safflower: 1-3 gallons (4-11 liters) per acre when four to eight inches tall and two to three weeks prior to bloom.

Soybeans: 1-3 gallons (4-11 liters) acre, three times each season starting at first full leaf. Last application should be at early pod fill.

Wheat, Barley, Oats, and Rice: 1-2 gallons (4-8 liters) per acre at early tillering and again at early boot stage.