



# BloomPlex™

# 8-16-5

## A BIOPRO SPECIALTY BLEND

### Benefits of Use:

- Enhanced blooming
- Improved stress tolerance
- Promotes establishment of flowers, ornamentals and vegetables
- Increased vigor due to greater root growth

### Problems Addressed:

- Poorly established plants
- Phosphorus deficiency symptoms
- Poor flower or fruit development

### For Enhanced Flowering and Fruiting

BloomPlex (8-16-5) is an excellent nutrient blend for use on flowering plants, shrubs, herbs, fruits and vegetable gardens. Specially formulated with a high quality sources of phosphorus, BloomPlex is designed to promote flowering and fruiting as well as root development. It encourages establishment and plant growth, making it an essential fertilizer for seasonal color beds. BloomPlex is an ideal product from installation through life-long plant maintenance.



2.5 Gal. Jug (9.46 L)  
Net Wt. 26.4 lbs. (12.0 kg)  
Model No. 57534



30 Gal. Drum (113.6 L)  
Net Wt. 317.4 lbs. (144.0 kg)  
Model No. 57535



275 Gal. Tote (1,041 L)  
Net Wt. 2,909.5 lbs. (1,319.7 kg)  
Model No. 57536



**BIOPRO**<sup>®</sup>  
TECHNOLOGIES

## APPLICATION INSTRUCTIONS:

BloomPlex can be applied through fertigation, soil drench or foliar spray. It can be applied alone or tank mixed with other products. One gallon of BloomPlex contains 1.69 lbs. of phosphorus as  $P_2O_5$  and 0.85 lbs. of nitrogen. Refer to the table below to find the volume of fertilizer to apply to achieve the desired amount of phosphorus. Shake well before using.

Desired lbs. of $P_2O_5$ (Corresponding N)	Fluid Ounces
0.08 (0.04 lbs. N)	6.0
0.10 (0.03 lbs. N)	7.5
0.125 (0.04 lbs. N)	9.5
0.25 (0.08 lbs. N)	18.9

## ANNUALS AND PERENNIALS (INCLUDING FRUIT, VEGETABLE AND HERB GARDENS):

**Installation:** Apply 6 to 12 oz. of BloomPlex in 50 gallons of water per 100 sq. ft.

**Maintenance:** Mix 12 oz. of BloomPlex per 50 gallons of water. Apply 1 quart of diluted solution per sq. ft. For foliar spray, mix 1 oz. of BloomPlex per 2 gallons of water and spray foliage to the point of runoff. Reapply every 4 to 6 weeks or as needed throughout the growing season.

## FLOWERING SHRUBS:

**Installation:** Apply 6 to 12 oz. of BloomPlex in 3 to 5 gallons of water per 100 sq. ft.

**Maintenance:** Mix 2 quarts of BloomPlex per 100 gallons of water. Apply 1 to 4 quarts of diluted solution per shrub depending on the size, using the lower rate for smaller shrubs and the higher rate for larger shrubs. Apply to the soil at the base of each shrub. Reapply every 4 to 6 weeks or as needed throughout the growing season.

**COMPATIBILITY:** Perform a standard "jar test" to check compatibility with other products before mixing.



## WARNING

CAUSES SERIOUS EYE IRRITATION. MAY BE CORROSIVE TO METAL. MAY BE HARMFUL IN CONTACT WITH SKIN. HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand. Avoid breathing mist or spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Wear protective gloves, protective clothing, eye protection, face protection, and other personal protective equipment as required.

**FIRST AID: IF SWALLOWED:** Call a poison center and/or doctor if you feel unwell. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing eyes. Seek medical attention if eye irritation persists. **IF ON SKIN:** Rinse skin with water or shower.

**STORAGE & DISPOSAL:** Store between 40°-120°F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Dispose of contents/container in accordance with local/regional/national and international regulations.

Refer to product SDS for additional safety instructions.

## Guaranteed Analysis:

Total Nitrogen (N) .....	8.00%
1.64% Ammoniacal Nitrogen	
0.63% Nitrate Nitrogen	
5.73% Urea Nitrogen	
Available Phosphate ( $P_2O_5$ ) .....	16.00%
Soluble Potash ( $K_2O$ ) .....	5.00%
Calcium (Ca) .....	0.25%
Iron (Fe) .....	0.10%
0.10% Chelated Iron	
Manganese (Mn).....	0.05%
0.05% Chelated Manganese	
Zinc (Zn).....	0.05%
0.05% Chelated Zinc	

## Derived From:

Ammonium Nitrate, Urea, Phosphoric Acid, Potassium Phosphite, Calcium Phosphate, Zinc Citrate, Manganese Citrate and Iron Citrate.

## Physical Characteristics:

10.58 lbs./gal. @ 68°F (0.85 lbs. N/gal.; 1.69 lbs.  $P_2O_5$ /gal; and 0.53 lbs.  $K_2O$ /gal)

Information regarding the contents and levels of metals in this product is available on the internet at:

<http://www.aapfco.org/metals.html>

Information about the components of this lot of fertilizer may be obtained by writing to BioPro Technologies, LLC, 4060 SE 45th Court, Ocala, FL 34480