

Functions of PhotoGro®

1. Characteristics

PhotoGro is 30% (300,000 ppm) Vitamin B. There are 2.5 pounds of 100% pure Vitamin B in each gallon of PhotoGro. At the recommended rate of application of 2 oz in 15 gallons of water the spray solution contains 300 ppm of the Vitamin B. No other manufacturer has been able to put into solution vitamins that level of concentration.

2. The Benefits of PhotoGro to crops:

The principle benefit of PhotoGro is to improve the processes stimulated by HappyGro and MegaGro. When applied by itself it improves the efficiency of the stage of development of the plant at the time of application. Vitamin B is an important component of all cell membranes, reactions and processes. The application of PhotoGro will enhance the formation of cell membranes as well as vital enzymatic reactions. It also shortens by as much as half the amount of time required for newly developing leaves to become fully functioning leaves producing energy. For example, in normal conditions, it may take 20 days for a new leaf (as a net consumer of energy) to began to be a net producer of energy. The PhotoGro treatment may shorten this time period to approximately 8 days. The needs of the flowers and fruits are met much sooner since vegetative growth out competes reproductive growth for the nutrients and energy. This permits the flowers and fruit to improve in quality and size. Vitamins act as messengers, catalysts and/or enzymes in the many biochemical pathways of energy production in photosynthesis, energy consumption, genetic code information, the reproductive process and/or the conversion of fertilizer to biological activity. Rapid growth and development occurs when photosynthesis is enhanced.

3. The use of PhotoGro

1. PhotoGro may be applied alone while most applications of HappyGro should be accompanied with PhotoGro.
2. Repeat application of PhotoGro at 14-21 day intervals will provide improved positive growth responses, which will help recycle the benefits by the continual flow of nutrients to flowers and fruits.
3. PhotoGro can help to relieve environmental stresses.