



U.A.S of  
America,  
Inc

# Product and Technical Information

## pHorus 5-30-10 Potassium Phosphite Plant Nutrient.

Keeping in mind of the importance of P, UAS has developed the pHorus NPK. Specially designed high phosphorous concentrate, manufactured with a high phosphorus base needed by plants, trees, and vegetable crops to produce blossoms. Phosphorus is an essential element for all plant life. It makes up an important part of plant genes and is essential for molecules that carry genetic information.

To this high phosphorus formula we went further by adding additional macro ingredients to come up with a superior plant blossom and fruiting stage product. With these added ingredients the N-P-K are enhanced for a more positive utilization by the plant. With its high P<sub>2</sub>O<sub>5</sub> hot mix formula, pHorus NPK's are vital to your plants (when you needed it) during its blooming and later fruiting stage. pHorus NPK's will improve the quality of the fruit, vegetable, and grain crops. The concentration of Ammoniacal nitrogen and the high phosphorus, along with a balanced potash source, is vital for seed formation and development. With all this we managed to have it's pH at a very satisfying range of 6.3 - 6.5

### Key role of Phosphorus (P)

- ?P is needed for photosynthesis.
- ?P is needed for plant respiration.
- ?P is needed for energy storage and transfer.
- ?P is needed for cell division.
- ?P is needed for cell enlargement.
- ?P is needed for several other plant processes.

### Plants need for Phosphorus (P)

Phosphorus is an important nutrient (macro-nutrient) needed by the plant to complete its normal production cycle. The highest level of P in young plants is found in tissue, at the growing stage. As plants mature most of the P moves into the flower and the seed or fruit.

pHorus is recommended for use as a supplement to a well-balanced fertilizer program only.

pHorus is available in 2.5, 5, 55 and 275-gallon containers. We also deliver in bulk quantities as well.