

PHOSGARD®

Plant Nutrients for Soil and Foliar Application

Phosphorus plays a crucial role in crop growth and yield. Our **Phosgard®** series primarily utilizes phosphorous acid to promote root development during the seedling stage and increases flowering during the flower bud differentiation.

The key advantage of **Phosgard®** lies in its phosphite-based formulation. Phosphites are more soluble than phosphates, allowing plants to absorb them more efficiently. Once absorbed, plants gradually convert phosphite into phosphate, ensuring a gradual sustained phosphorus release that supports continuous growth and development.

Phosphite is widely recognized for its secondary benefits to plant health, including biostimulant effects and the potential to bolster plants' natural defenses against certain stresses. This makes **Phosgard®** an effective, versatile solution for growers who want to provide essential nutrients while supporting and improving overall plant health, root development, crop maturation, and crop quality.



Product Profile

Form: Liquid

Function: Slow-release phosphorus fertilizer

Compatibility: Compatible with most products excluding copper products

Storage: Dry, cool, and shaded area



Advantages:

- Faster crop maturity and timely harvest
- Stronger, deeper root systems
- Advanced flowering, fruiting, and seed formation
- Improved straw strength in cereal crops to prevent lodging

Key Features

- Foliar-applied phosphorus for efficient nutrient absorption
- High nutrient-use efficiency
- Improves cell division, as well as fat and albumin formation
- Assists with improving crop quality, especially in forages and vegetables



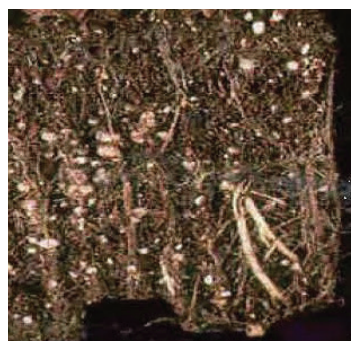
Recommended Uses

Phosgard® can be applied to all crops. Plants should have an established root system before the first application. The first application must be applied after the first cutting or having 3-4 true leaves.

Phosgard® applications on turf, greens, and fairways should be made every 2-4 weeks during the summer. In warmer climates, continue applying year-round. In colder climates, continue applying throughout the season until temperatures drop. Do not apply **Phosgard®** to newly seeded turf.

Label instructions include application rates for drench, sprinkler, drop foliar and dipping. For sprinkler, foliar, and drip applications, repeat every 2-4 weeks.

Phosgard® Simulates Early Growth and Root Formation



Control



Phosgard®

Phosgard® Series Products

Macronutrient Products	N	P ₂ O ₅	K ₂ O
PHOSGARD® 0-28-25		28.0	25.0
PHOSGARD® 0-40-0		40.0	
PHOSGARD® 0-60-0		60.0	
PHOSGARD® 2-40-16	2.0	40.0	16.0
PHOSGARD® 4-25-15	4.0	25.0	15.0

Micronutrient Products	N	P ₂ O ₅	K ₂ O	Cu	Mn	Zn
PHOSGARD® Copper	5.0	20.0		3.0		
PHOSGARD® Manganese		35.0			3.5	
PHOSGARD® MZN		35.0			2.0	3.0
PHOSGARD® Zinc		35.0				6.5