



PCT | Sunrise

StandUp®

Premium K Corn Starter w/ MIC



Your potential for a high yield begins when the seed hits the ground. With PCT | Sunrise StandUp® Premium K Corn Starter w/ MIC, your corn will get an in-furrow/2x2 starter fertilizer that includes micronutrients to stimulate germination, increase root development and produce a more consistent emergence.

Premium K Corn Starter w/ MIC contains zinc for root development, boron in trace amounts to initiate cell wall structure, manganese to stimulate germination and a unique, proprietary microorganism blend to improve root and seedling development that ultimately leads to increased plant development and more timely pollination. An abundant amount of roots increases your corn's ability to acclimate nutrients and ultimately produce more protein and more yield.

The high levels of potassium - a critical nutrient for corn plants — in Premium K Corn Starter w/ MIC improves drought tolerance and increases resistance to pest and disease. Providing your corn with additional potassium is a key benefit, especially in Midwestern states where widespread sampling has shown declining potassium levels in soils in recent years.

Corn plants also need an adequate supply of nitrogen, which aids in early-season photosynthesis and protein production. Premium K Corn Starter w/ MIC has been enhanced with nitrogen to promote rapid growth. At 100 percent orthophosphorus, Premium K Corn Starter w/ MIC provides young plants with an immediate source of nutrition, while its monopotassium phosphate stimulates the plant's immune system.

The Progressive Crop Technology team of agronomists and chemists continually research, test and create their own precise blends to ensure current nutrient needs are being met. The PCT planter conversion team also will outfit your planter to ensure your corn starter is on target to immediately feed your seed.

PCT | Sunrise StandUp® Premium K Corn Starter w/ MIC is the first step in a PCT systems approach that includes a foliar and finisher placed during specific plant development periods to create fields of opportunity.



Premium K Corn Starter w/ MIC Traits

- Micronutrients zinc, manganese, and boron
 - ↳ stimulate germination, promote development, and activate plant enzymes
- Unique proprietary microorganisms
 - ↳ improve nutrient uptake and fight pathogens
- Plant growth promoting rhizobacteria
 - ↳ enhance germination and root development.
- High potassium
 - ↳ promotes root development, improves drought tolerance
- 100 percent orthophosphorus
 - ↳ a nutrient immediately available to young plants
- Monopotassium phosphate
 - ↳ stimulates immune system
- Amino acids
 - ↳ builds essential proteins
- Extra phosphite
 - ↳ increased fungicidal properties
- Phenolic acid
 - ↳ stimulate plant immune system
- More zinc
 - ↳ feeds early root development
- Low salt content
 - ↳ eases seed germination

Enhanced Traits

- More available phosphorous
 - ↳ the most critical nutrient for young plants



Premium K Corn Starter w/ MIC Key Ingredients

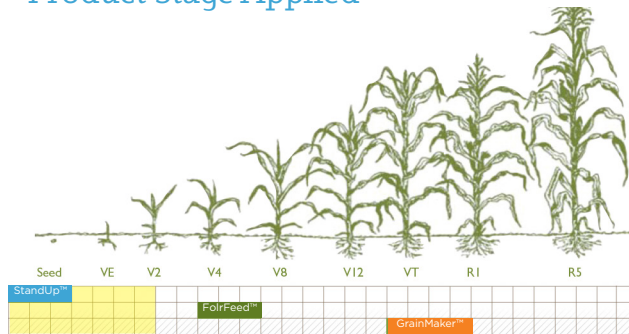
Nitrogen	3.0%
Phosphorus	16.0%
Potassium	18.0%
Boron	.013%
Manganese	.013%
Zinc	.225%

Use Rate: 3-5 g/AC
Plant growth regulators can be added.

Untreated vs. Treated

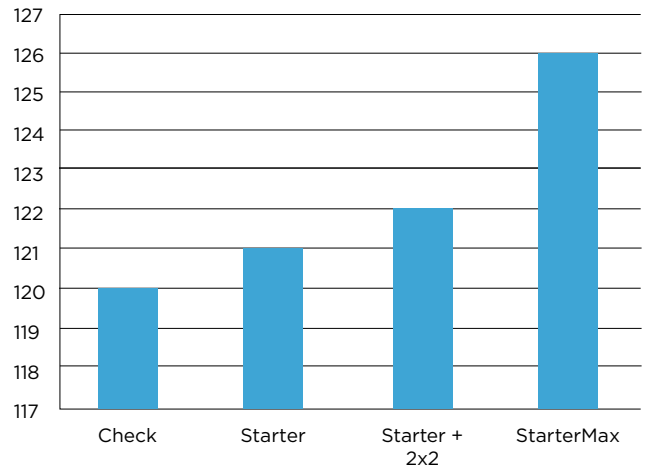


Product Stage Applied



Trial Data

Corn Yield (St. Marys, Ohio, 2012)



	Micronutrients, plant health boosters, germination and growth stimulators, beneficial microbes	Lower salt, N-P-K base with more immediately-available phosphorus, Nutrol to boost plant health
Premium K Corn Starter		●
Premium K Corn Starter w/ MIC	●	●



visit us at
pctnutrients.com