

GCS INJECT PK

GCS Inject PK is a microbial seed inoculant for use on corn, cotton, canola, and sorghum.

Microbial seed inoculant for improving nutrient availability for increased yield potential.

MINIMUM GUARANTEED ANALYSIS

Nonplant food ingredient:

2.1 x 10⁹ viable cfu/g *Bacillus amyloliquefaciens*

5.0 x 10⁷ cfu/g *Trichoderma virens*

Inert: Talc-based carrier, 89%

HOW IT WORKS

The microorganisms in GCS Inject PK have been shown to increase availability of certain important plant nutrients and can increase plant uptake. Increased plant nutrient availability may lead to an increase in yield response. GCS Inject PK is not a fungicide and it will not replace your standard fungicide seed treatment.

DIRECTIONS FOR USE

Open package only when ready to use. Use this product before the expiration date. Apply GCS Inject PK only as specified on this label. Reference the specified application rate according to the crops to determine the proper amount needed. Apply additional talc and/or graphite, if necessary.

Crop	Application rate	400 gram pouch treats
Canola	16 g per 50 lbs of seed (bag)	25 bags
Corn	16 g per 80,000 seeds (unit)	25 seed units
Cotton	16 g per 220,000 seeds (unit)	25 seed units
Sorghum	16 g per 50 lbs of seed (bag)	25 bags

To apply:

- The scoop included with this package will measure approximately 25 grams of GCS Inject PK. Use the Application Rates table to determine the required amount of GCS Inject PK for the prescribed amount of seed.
- Disperse GCS Inject PK evenly onto seed. This may be performed at once in a single batch or using a continuous system that meters the product onto the moving seeds.
- Be sure to coat all seeds uniformly.

Quantity	Crop
1 scoop	Canola: 50 lbs (23 kg, bag) canola seed
	Corn: 80,000 kernels (bag) corn seed
	Cotton: 220,000 seeds (bag) cotton seed
	Sorghum: 50 lbs (23 kg, bag) sorghum seed

KEEP OUT OF REACH OF CHILDREN

This product should be kept out of reach of children and animals. Do not eat.



DANGER

Dust particles may cause slight eye irritation. This product may cause respiratory irritation, and causes damage to lungs by inhalation through prolonged or repeated exposure.

Repeated exposure to this product may cause adverse effects. Avoid eye or skin contact, inhalation, or ingestion. Do not eat, drink or smoke near this product or when using it. Wear personal protective equipment, including appropriate gloves, clothing, and eye protection.

Ensure adequate ventilation where this product is used and stored. Use only outdoors or in a well-ventilated area. Avoid breathing or inhaling dust from this product. Use respiratory protective equipment to avoid inhalation exposure. Wash thoroughly after handling.

If inhaled: Any person who inhales this product should be moved to fresh air and kept comfortable for breathing. Pursue medical advice or treatment if the exposed person continues to feel unwell.

The active ingredients in GCS Inject PK are *Bacillus amyloliquefaciens* and *Trichoderma virens* spores. These microorganisms may have the potential to trigger sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized persons near or handling this product should wear an approved respirator. If contact with skin or eyes occurs, immediately flush all exposed areas thoroughly with water. If irritation occurs, seek medical attention.

STORAGE AND SAFETY

GCS Inject PK contains live spores of *Trichoderma virens* (a naturally-occurring fungus) and *Bacillus amyloliquefaciens* (a naturally-occurring bacteria), which may be damaged if exposed to high temperatures or contact with water for more than 4 hours. Because this product contains live organisms, it requires specific storage conditions to maintain its viability and product performance.

To maintain product viability and performance:

- Store unopened containers of GCS Inject PK in a cool, dry location (below 68° F/20° C) and away from heat sources and direct sunlight.
- Avoid locations that experience temperature fluctuations. Additionally, care should be taken to prevent this product from going through freeze/thaw cycles.
- Use this product prior to the expiration date. The expiration date is valid for unopened containers stored according to conditions listed above.

Unused GCS Inject PK and any seed treated with GCS Inject PK should be disposed of in accordance with applicable Federal, state/provincial, and local requirements.

LIMITED WARRANTY, DISCLAIMER AND LIMITATION OF DAMAGES

GCS, LLC warrants only that this product conforms to the product description on the label. Other than the foregoing Limited Warranty, this product is sold on an "as-is" basis. GCS, LLC disclaims to the fullest extent permitted by law, all other warranties of any kind, either express or implied, including, but not limited, to: the implied warranty of merchantability, the implied warranty of fitness for a particular purpose, that the use of this product will cause or result in any particular outcome, or the product's compatibility with other products. Some states do not allow limitations on how long an implied warranty lasts, so only portions of the above limitations may apply to user or buyer. To the fullest extent permitted by law, under no circumstances and under no legal theory (including, without limitation, tort, contract, strict liability, or otherwise) shall GCS, LLC be liable to user or buyer for (A) any indirect, special, incidental, or consequential damages of any kind, including damages for lost profits or unrealized savings, crop loss, loss of yield, loss of goodwill, work stoppage, or (B) any amount, in the aggregate, in excess of the amount actually paid for this product, exclusive of taxes, shipping & handling, and any other applicable fees, or (C) any other matter. GCS, LLC further disclaims any liability for compensatory or other damages arising out of any use contrary to label directions. Some states do not allow the exclusion or limitation of certain damages, so only portions of the above limitations and exclusions may apply to user or buyer.