

GCS INJECT N GRANULAR

GCS Inject N Granular is an inoculant for pea, vetch, and lentil. GCS Inject N Granular will not, by itself, constitute a complete fertilizer program or provide all nutrients typically required by agricultural crops.

GUARANTEED ANALYSIS CONTAINS NON-PLANT FOOD INGREDIENTS

Active Ingredients:.....1.0% by wt

Rhizobium leguminosarum biovar viceae1x10⁸ CFU/g

Inactive Ingredients:.....99.0% by wt

DIRECTIONS FOR USE

Apply GCS Inject N Granular using insecticide boxes or granular applicator boxes in order to keep seed and inoculant separate.

It is preferable to do a product calibration each time the product is used to account for changes in product characteristics, such as density, dampness, or flow, at the time of seeding. Failing to recalibrate and directly entering or selecting a calibration number could result in less accurate application rates.

For the most accurate application rates, perform an in-field distance calibration.

Do not fill boxes until the producer is in the field and ready to plant.

Under adverse conditions, it is beneficial to increase the listed rates by 50%.

Application rates of GCS Inject N Granular vary according to row spacing. Use the accompanying table to determine application rate.

Over application is not detrimental and could be beneficial.

Use only on specified legume(s) designated on this package.

Application Rate Table for Pea, Vetch, Lentil, Chickpea and Garbanzo

Row Width in Inches (centimeters)	Row Feet Per Acre (Meters per Hectare)	Rate Per 1000 Feet of Row (Grams)	Recommended Rate Per Acre: Pound Per Acre (Kilogram per Hectare)	Acres (Hectares) Inoculated Per 40 Pound (18.1 Kilogram Bag)
7 in (17.8 cm)	74,674 ft/acre (22,761 m/ha)	1.6 oz (45 g)	7.5 lb/acre (8.4 kg/ha)	5.3 ac (2.1 ha)
10 in (25.4 cm)	52,272 ft/acre (15,932 m/ha)	1.6 oz (45 g)	5.3 lb/acre (5.9 kg/ha)	7.5 ac (3.0 ha)
12 in (30.5 cm)	43,560 ft/acre (13,277 m/ha)	1.6 oz (45 g)	4.4 lb/acre (4.9 kg/ha)	9.1 ac (3.7 ha)
15 in (38.1 cm)	34,848 ft/acre (10,622 m/ha)	1.6 oz (45 g)	3.5 lb/acre (3.9 kg/ha)	11.4 ac (4.6 ha)
20 in (50.8 cm)	26,136 ft/acre (7,966.3 m/ha)	1.6 oz (45 g)	2.7 lb/acre (3.0 kg/ha)	14.8 ac (6.0 ha)
22 in (55.9 cm)	23,760 ft/acre (7,242 m/ha)	1.6 oz (45 g)	2.4 lb/acre (2.7 kg/ha)	16.7 ac (6.7 ha)
30 in (76.2 cm)	17,424 ft/acre (5,311 m/ha)	1.6 oz (45 g)	1.8 lb/acre (2.0 kg/ha)	22.2 ac (9.0 ha)

IN-FURROW APPLICATION

GCS Inject N Granular is intended to be placed in the insecticide or herbicide box or other tank specifically designed for use in application of granular materials and applied directly below the seed in furrow.

Increased availability of rhizobia to the seedling is achieved by placing both seed and bacteria in the furrow. GCS Inject N Granular contains a high level of moisture to sustain rhizobium viability. Before opening, drop the bag on each edge to loosen granules, leading to increased flow. Clean tank/hopper, rotor and calibration mechanism thoroughly before filling.

Adjust short, flexible tubing from hopper to planter, so that it is as straight and vertical as possible.

FLOWABILITY

GCS Inject N Granular granular may have flowability problems under conditions of high humidity.

Flowability issues can be addressed by not filling granular applicators completely full.

Clean the rotor and adjustable opening frequently to ensure proper flow.

Any remaining product should be removed and the applicator cleaned at the end of the day. Granular products like Inject N Granular can draw humidity if left to sit for long periods; to prevent flowability issues, avoid overfilling planting equipment.

KEEP OUT OF REACH OF CHILDREN

STORAGE AND SAFETY

Store in a cool, dry place out of direct sunlight.

Please prevent this product from freezing.

Store between 40°F and 77°F (4.4°C and 25°C).

Open package only when ready to use.

Use prior to expiration date.

Do not allow product or packaging to become wet, or exposed to high humidity.

Do not store product in an area to be fumigated.

Small amounts of product which cannot be used according to the label instruction may be disposed of in a landfill.

GCS Inject N Granular has a one (1) year shelf life.

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 expressed 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.

This product does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Read all label directions carefully before using this product. Use standard protective clothing and equipment including gloves, safety glasses and a NIOSH or MSHA approved nuisance dust mask during product handling and storage. See product SDS for additional health and safety information.

This product contains live organisms that are sensitive to chemicals and harsh environmental conditions.

**NET WEIGHT PER PACKAGE:
40 LBS (18 KG) | (1) PACKAGE PER CASE
50 BAGS PER PALLET**

MADE IN THE USA
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