



equipment



Application of granules for coffee cultivation

Knapsack Granule Applicator

Equipment for the application of granular products, such as: fertilizers (urea, N-P-K, among others), solid insecticides (e.g. ant baits) nemotocides and rodent poisons. Innovative tank design enables uniform granule dispersal, significantly improving the dosage quality and uniformity. Highly accurate double function application system ensures accurate dosage (gms/stroke) and continuous (gms/minute) applications.



Application of granules



Application of granules for banana cultivation



Illustrative photo

code: 0475.00
16 Litres

Knapsack Granule Applicator

- 1 - Discharge tube made of resistant plastic:** avoiding damage to equipment during use.
- 2 - Tank filler with strainer:** for breaking up granules that have become compacted prior to filling.
- 3 - All functions are within the operator's easy reach using a joystick that combines operating comfort and speed in applying or changing function.**
- 4 - Padded straps with two adjustment positions:** offering greater comfort for the user.
- 5 - Tank base (chassis):** made entirely of plastic; much lighter and more resistant.



Application

The Knapsack Granule Applicator can be used on a wide range of crops: flowers and vegetables, fruits (banana, citrus, etc.), beans, maize, coffee and in forestry: eucalyptus, pine, etc.; and also for lawns and gardens, always ensuring accurate dose application and easy product distribution, both for the correct level of fertilization as well as for the control of weeds through the application of insecticide granules and for safely laying poison baits for ants, rodents and pests.

Technical Specifications

Type/model	Gravity driven Knapsack Granule Applicator		
Empty weight	4.8 kg		
Weight full (with NPK 20-5-20 fertilizer) ^a	19.45 kg		
Chemical product tank - liquid (capacity)	16 L		
Dose bands (minimum - maximum) in g/stroke ^{a;b}	(9.0 – 285.0) Potassium chloride	(8.0 – 215.0) Urea	(10.0 – 250.0) NPK
Dose bands – linear application (minimum - maximum) - in kg/min ^{a;b}	(4.2 e 12.2) Potassium chloride	(4.7 e 11.7) Urea	(3.6 e 10.6) NPK
Machine dimensions	357 x 425 x 610 mm		
Shipping package dimensions	360 x 450 x 620 mm		

(a) average values – may vary as a function of the product, its density, moisture and dimensions of granules.

(b) values obtained from dry granules and discharge set positioned at 30 degrees to the soil.

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tradition and technology

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