

SCS Micro-Pro Testing

Each Micro-Pro applicator is rigorously tested by SCS before it leaves the factory to ensure each machine meets the accuracy required for micro-granule application. This makes sure the Micro-Pro maintains its reputation as one of the most accurate applicators on the market.

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Spread Pattern Test

Test Data

Spread Pattern Analysis

Relative contents (%)

Co-efficient of Variation: measures the accuracy of the spread pattern. A figure below 10% is acceptable, between 10% and 20% is not ideal, and above 20% is unacceptable. The spread pattern analysis graph shows the tube contents with the red lines denoting plus or minus 20% of the average relative content.

C of V (%) 5.35

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Micro-Pro Specifications

Micro-Pro

Model No.	No. of Outlets	Max Spreading Width	Fan Type	Weight kg	Boom Size
1739002EMP	8	6m	Hydraulic*	123	N/A
1739008MP	16	12.3m	Hydraulic*	160	N/A
1739008MP12	16	12m	Hydraulic*	450	12m

Chariot Options

Model No.	Max Spreading Width	Description
17CHARIOT	12m	Chariot single axle trailing chassis for applicator with floatation wheels and 5.5Hp engine.
17TANDEM	12m	Chariot tandem axle trailing chassis for Applicator with floatation wheels and 5.5Hp engine.

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Profit from our knowledge

OPICO'S MICRO PRO 16



Precise granular application



Profit from our knowledge

OPICO's Micro-Pro Granular Applicator

Microgranules + Slug pellets

The Micro-Pro has been developed to enable accurate application of Avadex and other micro-granules up to 12m working width.

There are two versions available, an 8 outlet machine for up to 6m working width and a 16 outlet version for up to 12m. A Maximum spacing of 75cm between outlets ensures a robust double overlapping spread pattern. Each outlet is fed by an individual metering roller ensuring even micro granule distribution across the entire working width.

Independent testing

In independent tests measuring the complete spread pattern the Micro-Pro 16 spreading at 12m has produced a market leading coefficient of variation of 5.36%.

1 Precise metering

The Micro-Pro uses individual metering wheels for each outlet enabling extremely accurate metering to guarantee the same amount of material is fed to each outlet. This is crucially important when extremely low and accurate application rates are required.

8 460L Hopper

The 460L polyethylene hopper is resistant to corrosion and rust. It's also air tight to prevent air leakage and to ensure the granules do not get wet as this can cause blockages and effect the spread pattern.



2 Electronic control



The control box allows setting and adjustment on the move, records the area that has been covered and application rate on that area. A speed sensing motor constantly checks flow and is adjusted by the computer control box to give you a constant rate.

3 Stainless baffle



The stainless steel baffle ensures even airflow within the metering system and that only one outlet is fed from each metering segment.

4 Drop and outlet



Vertical pipe above the outlet ensures the micro-granules hit the centre of the distribution plate and spread evenly. The distribution plate is adjustable to allow the spread pattern to be adjusted and setup as precisely as possible.

5 Sway legs



The plastic sway legs ensure a minimum boom height is maintained on undulating ground which prevents uneven application.

6 Suspension system



A lightweight boom, pendulum suspension and twin shock absorbers ensure excellent contour following and shock protection for the boom.

7 Hydraulic fan



A hydraulic fan provides ample airflow to deliver the granules to the outlets and create a double overlapping spread pattern. The units include a fan speed sensor and alarm to warn the operator if the fan is not turned on when working or if there is a malfunction.



3pt Mounted Micro-Pro

The Micro-Pro 16 boomed 12m applicator has been developed to fit onto small tractors to enable accurate application of Micro-Granules such as Avadex.



Trailed Micro-Pro & Chariot

The Micro-Pro 16 trailed chariot 12m applicator has been designed to be trailed behind quad bikes and UTV's to reduce compaction and allow operation in damp conditions.



Rolls Mounted Micro-Pro

8 or 16 Outlet Micro-Pro applicators are available to fit onto cultivators, drills and rolls. We provide a complete mounting kit for a 12.3m HE-VA King Roller.

