

# MICRO-PRO



“ Precise granular application, **THE MOST ACCURATE MICRO GRANULE APPLICATOR ON THE MARKET** ”

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

There are two versions available, an 8 outlet machine for up to 6m working width (Micro-Pro 8E) and a 16 outlet version for up to 12m (Micro-Pro 16E).

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.

## ✓ INDEPENDENTLY TESTED

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

## ✓ ROLLS MOUNTED MICRO-PRO

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

## ✓ PRECISE METERING

The Micro-Pro uses individual metering rollers for each outlet enabling extremely accurate metering and 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. A blue 'fire' seed roller comes as standard. Other rollers are available.



## ✓ 400L HOPPER



A 400L hopper is standard on the Micro-Pro 16E and optional on the Micro-Pro 8E.

It is 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. The polyethylene hoppers are resistant to corrosion and rust.

# THE MICRO-PRO GRANULAR APPLICATOR

## ✓ 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 an alarm to warn the operator if the fan is not turned on when working or if there is a malfunction.

## ✓ ELECTRONIC CONTROL



The control box allows setting and adjustment on the move, records the area that has been covered and keeps track of the amount that has been spread. A speed sensing motor constantly checks metering roller speed and this is adjusted by the computer control box to give you a constant rate. All Micro-Pro's come as standard with a radar unit to give constant forward speed related metering.

## ✓ DROP & 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.

## ✓ STAINLESS BAFFLE




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

## THE MOST ACCURATE!

All Avadex applicators have to meet NSTS standards. However, in an NSTS test, only the total application rate and individual outlet application rate is tested.

At OPICO the spread pattern of every machine is also tested before the machine is delivered to the customer. During testing, the outlets are also fine tuned to provide the best possible spread pattern.

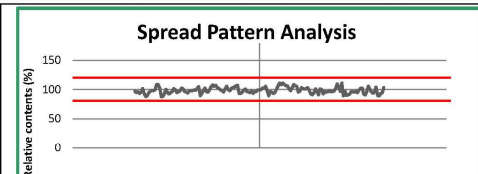


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### Spread Pattern Test

Test Data



**Spread Pattern Analysis**

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 (%)	5.36
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### MICRO-PRO SPECIFICATIONS

Model	Model No.	Outlets	Max Spreading Width	Fan Type	Weight	Hopper capacity
Micro-Pro 8E	1739002EMP	8	6m	Hydraulic*	123kg	180L
Micro-Pro 16E	17390028MP	16	12m	Hydraulic*	160kg	400L

\* Hydraulic fan requires 0-20/min max oil supply and free flow return.



OPICO have been bringing grassland Harrows, Interrow cultivators and Seeders, manufactured by Hatzenbichler in Austria, to farmers and contractors in the UK for over 25 years.



Profit from our knowledge



Scan to find your local OPICO dealer

OPICO is committed to support your machine throughout its working life.

A full range of genuine OPICO wearing parts are available from your local dealer.

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