

# MICRO-PRO 16



3pt mounted



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





# THE MICRO-PRO GRANULAR APPLICATOR

## MICRO GRANULES + 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%.

## PRECISE METERING

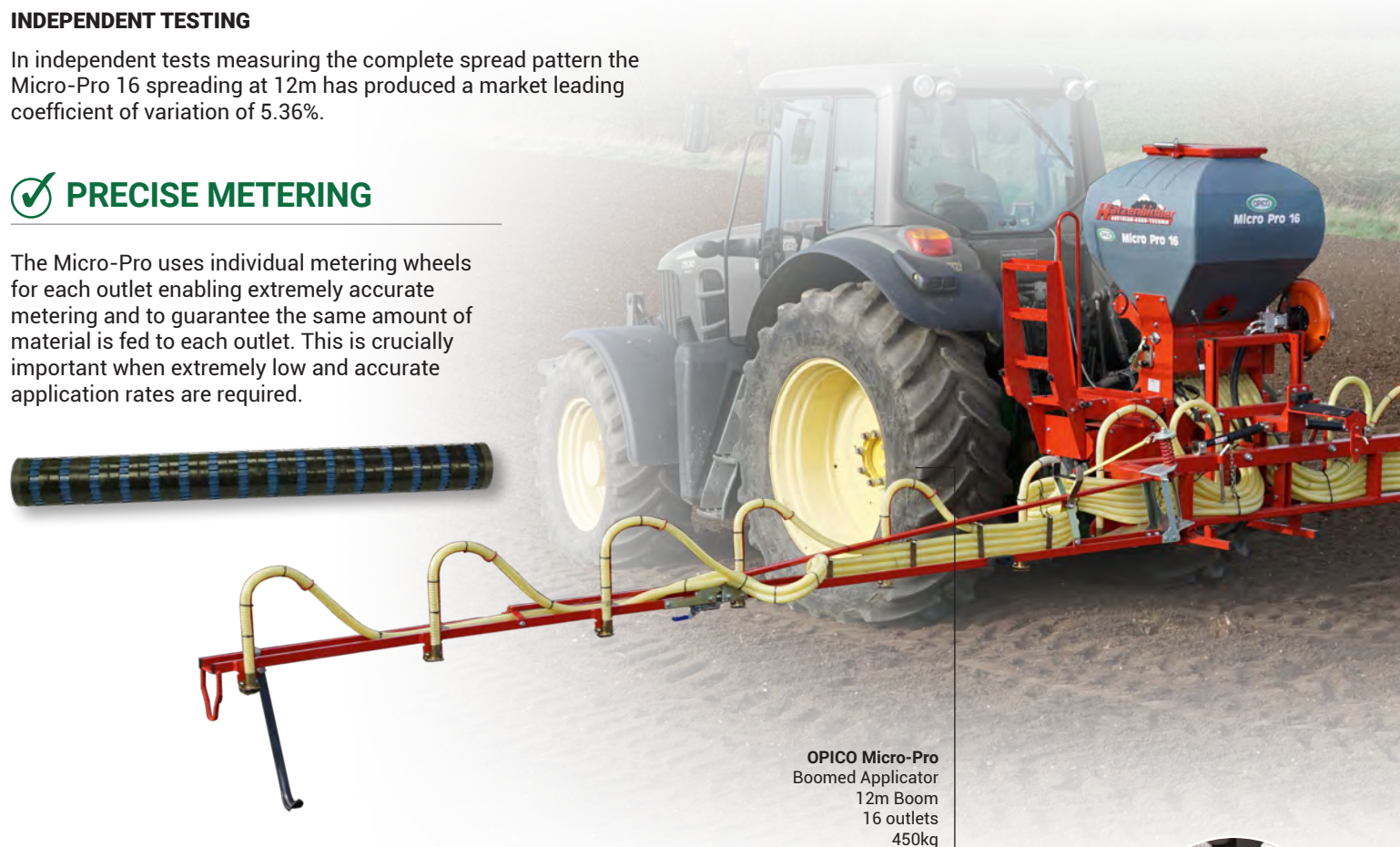
The Micro-Pro uses individual metering wheels for each outlet enabling extremely accurate metering and to guarantee the same amount of material is fed to each outlet. This is crucially important when extremely low and accurate application rates are required.



## 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.



OPICO Micro-Pro  
Boomed Applicator  
12m Boom  
16 outlets  
450kg

## 460L HOPPER

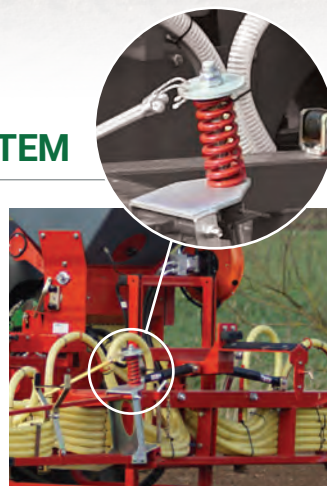


The 460L polyethylene hopper is resistant to corrosion and rust.

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.

## SUSPENSION SYSTEM

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





## ✓ 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.

## ✓ 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.

## ✓ SWAY LEGS



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

## ✓ 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.



## 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.



## TRAILED MICRO-PRO & CHARIOT

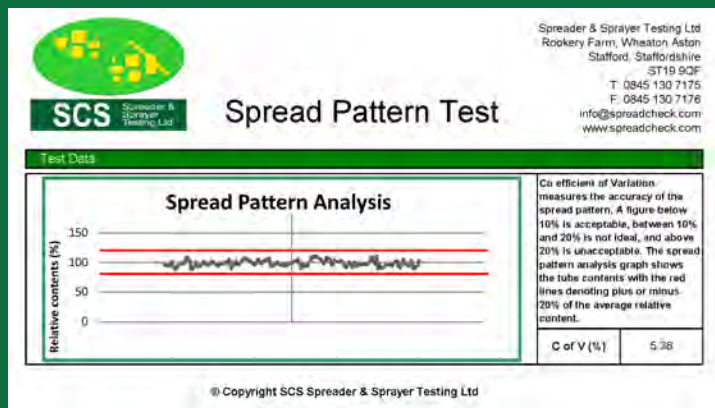
The Micro-Pro 16 trailed chariot 12m applicator has been designed to be pulled by quad bikes and UTV's to reduce compaction and allow operation in damp conditions.



# 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.



## MICRO-PRO SPECIFICATIONS

Model	Outlets	Max Spreading Width	Type	Weight	Boom Size
1739002EMP	8	6m	Hydraulic*	123	N/A
17390028MP	16	12m	Hydraulic*	160	N/A
1739008MP12	16	12m	Hydraulic*	450	12m

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

## CHARIOT OPTIONS

Model	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.

YOUR LOCAL OPICO DEALER



*Profit from our knowledge*

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