

# SMART PRECISION FERTILIZER SPREADER

#### VM 300 / 600 liters.

Made entirely of stainless steel Single disc version.

## **GENERAL FEATURES**

- Single disc for precise localized applications on both lateral bands or total.
- Apply powders, crystalline, granular or even dry organic fertilizers.
- Easy and scientific calibration; not trial and error.
- Application error 3 to 7%.
- Available with adjustable focusers for sideband applications.
- Application width with focusers from 4 to 11 meters.
- Total application width 16 meters.
- Hydraulically controlled conveyor belt dosing system.
- Mechanical drive of the disc by cardan to the PTO of the tractor.
- Computer controlled dosing which enables application of desired fertilizer rate irrespective of tractor velocity.
- Assembly with trolley or to the three-point lifting system of the tractor.
- Variable trail from 1.4 to 1.85 meters.
- Minimum tractor requirement 40 Hp and hydraulic pump 30 lts / min and 540 RPM at PTO.
- Net weight (kg) Load capacity (kg) Total weight loaded (kg)

**VM 300** 240 - 600 max 840 **VM 600** 256 - 1200 max 1456

# VCOM/FERT:\*

Field rated computer with a 7-inch touch screen and a high-precision GPS that allows a constant application regardless of the speed of the tractor, achieving a uniform dosage in the field.

Variation rate applications with prescription maps are also possible. Generates activity log maps detailing work times, stops, transfers, speed, stops, transfers, speed, worker and machine productivity info, as-applied dose, as-applied map which can be overlayed onto Google Earth and other information for post analysis.

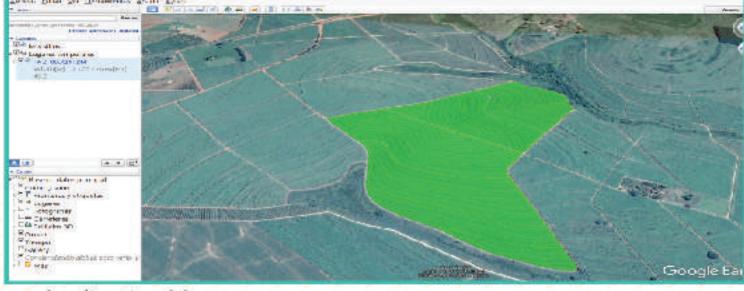




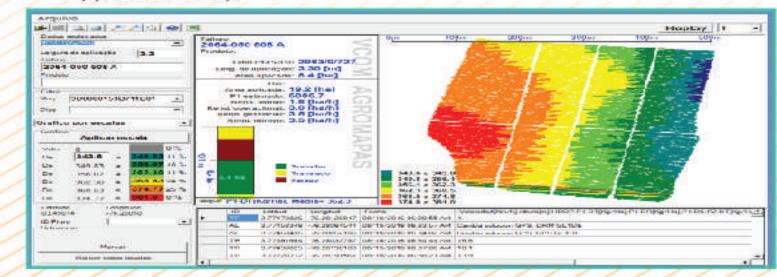


#### MAPS

Visualization of the complete fertilization plan on Google Earth



Application Map

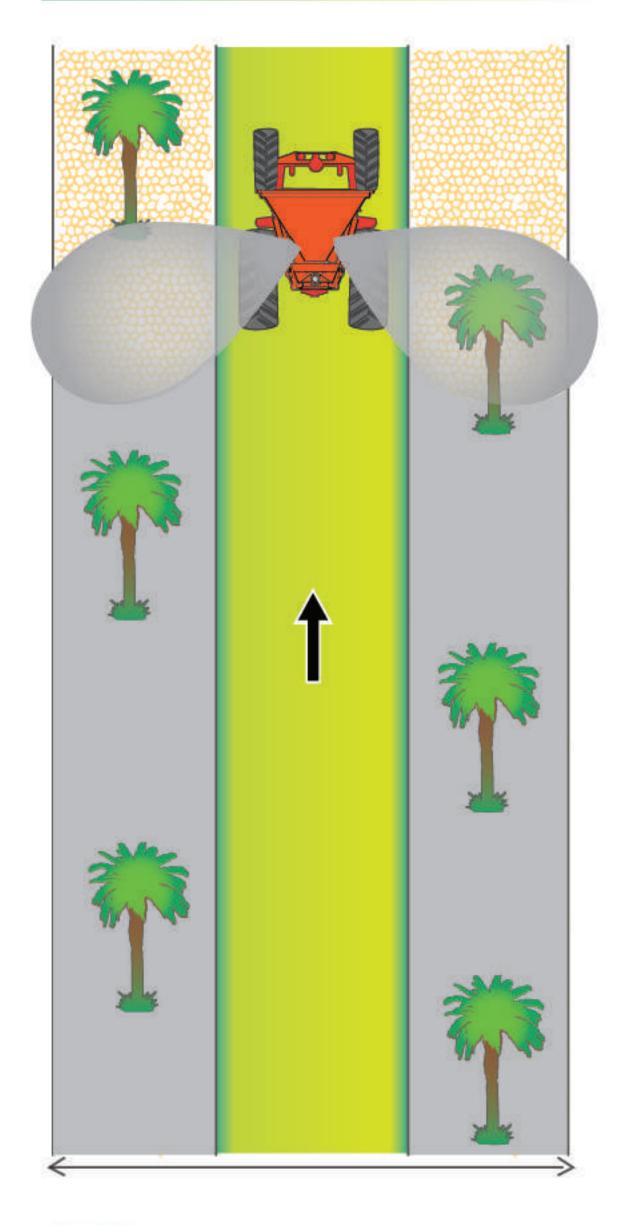




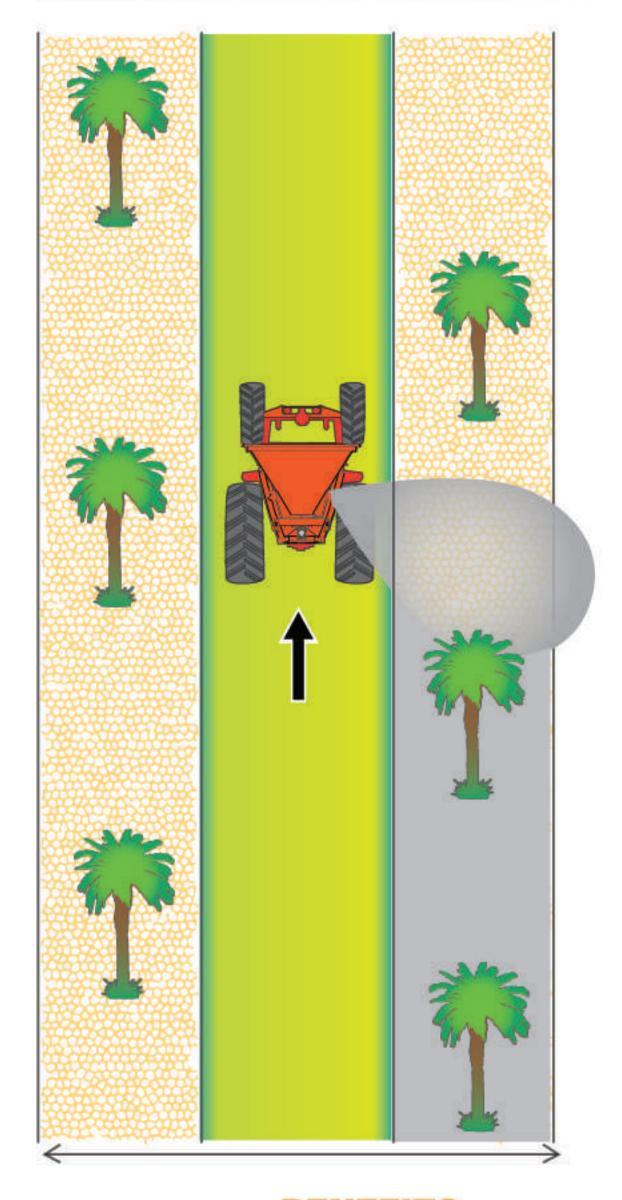
### **APPLICATION OPTIONS**

- 1 Located in two continuous lateral bands.
- 2 Located on one or two lateral bands, this is ideal for applications on terraces.
- 3 Full width spreading application for seed or fertilizers.

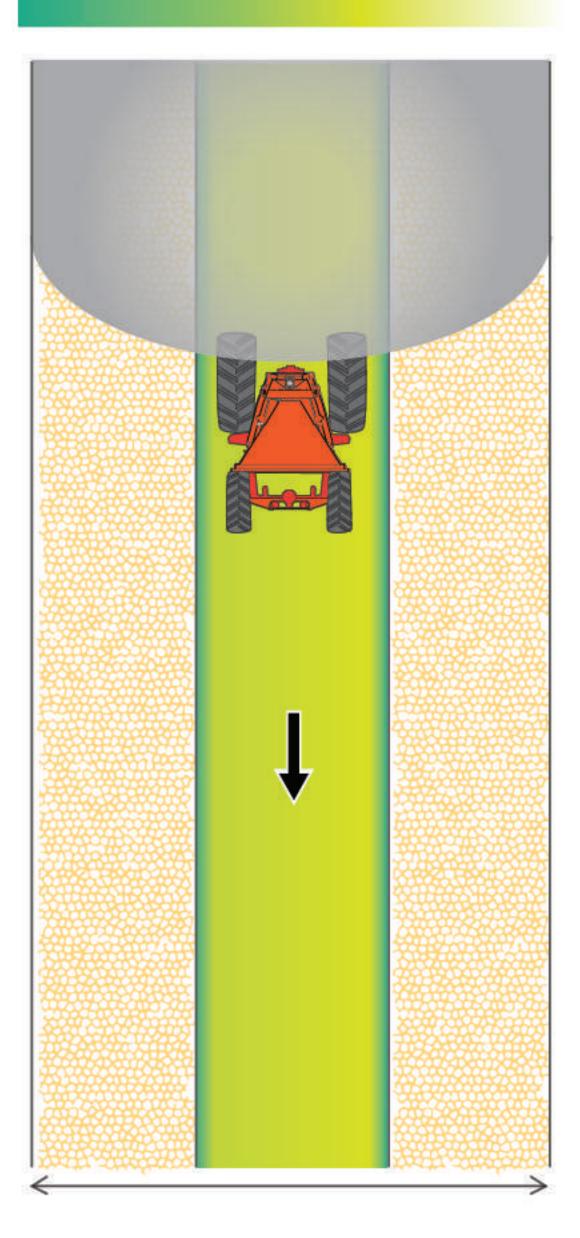
## OPTION 1



# OPTION 2



## **OPTION 3**



Harvester path



Applied area



Oil palm

#### **BENEFITS**

- Maintains desired application rate regardless of speed, ensuring fixed or variable rate application.
- High precision of electronically controlled fertilizer doses.
- Does not need any map to be able to carry out the application.
- Does not apply fertilizers on the harvester's path.
- Applies up to 30 Ha/day with 2 persons.
- Reduce labor time by up 14 times compared to a manual application.