



VCOM 7.0 SOLID FERTILIZING

GRANULAR, POWDER AND ORGANIC CONTROL

The system adapts to any machine with volumetric piston meter for solid fertilizing, such as limespreaders, cultivators, broadcast fertilizers spreaders and others. An electronic controller actuates a proportional control valve that varies the speed of a hydraulic motor, hence getting a wide range of dose variation within maximum and minimum engine torque limits. **Our controller is highly used in cultures such as sugar cane, grains, coffee, palm, citrus fruits, forestry and others.**



* This computer is upgradable to all our PF solutions

FEATURES OF THE VCOM AS A FERTILIZING CONTROLLER

The fertile software can control up to three products independently, with doses at fixed or variable rate via prescription maps. Available options: sensors for the monitoring of fertilizer drop, guidance system and auto-steer can be used jointly. The software also allows for automatic shut-off over already applied areas and in headlands, working in conjunction with the guidance system. Special configurations for the operation of spreader plates or conveyor belts, hatches, feeders or pneumatic turbines are also provided.





WORK LOG

The system generates georeferenced maps that allow you to have a detailed record of the operator's work. While operating, it stores such data as date, starting and finishing working times, applied dose, speed, hectares, terrain elevation, applied and no-spray area. Our Agromaps Software generates reports and post-application maps of all registered variables, which enables you to visualize and analyze all these data, hence allowing for better decision-making.

BENEFITS OF VCOM 7.0

- Application at fixed or variable rate, Virtual Guide, monitoring control.
- It easily controls several feeders for seeds, granular, powders and liquids.
- Flexible computer that allows you to install various software together such as rate control, virtual guidance, monitor, auto-steering (electric or hydraulic).
- It eliminates control boxes, clutches and chains, thus reducing maintenance costs.
- Display of speed, hectares worked, hoppers, applied product level (in U.S. or metric).
- Communication options via GPRS, Wifi, Bluetooth and radio integrated into our Field Information management system (FIM).

GPS OPTIONS ACCORDING TO YOUR NEEDS



GM23: GPS L1 1 Hz
*See catalogue GM23



LCGPS: GPS/Glonass L1 10 Hz
Pass-to-pass accuracy 30 cm*
*See catalogue LCGPS



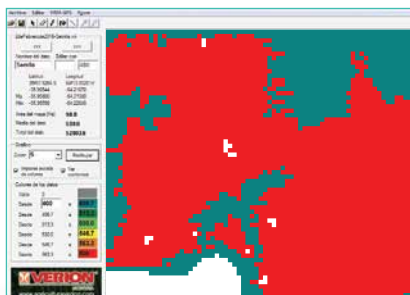
AG-STAR: GPS/Glonass L1 10 Hz
Pass-to-pass accuracy 20 cm*
*See catalogue AG-Star



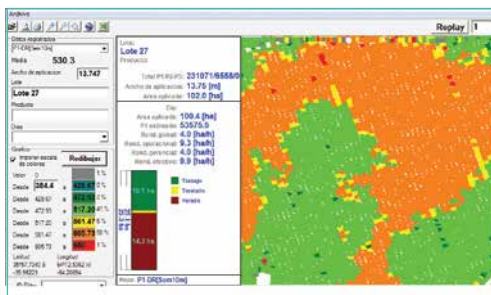
SMART6-L: GPS/Glonass L1/L2 20 HZ /
Terrastar-c option.
Pass-to-pass accuracy 3-5 cm*
*See catalogue SMART 6-L

IT GUARANTEES AN ACCURATE AND HIGH-QUALITY APPLICATION

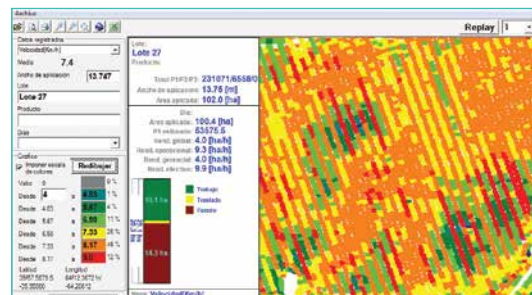
Prescription Map



Application Map



Speed Map



SENSORS AND SOLID FEEDERS



Fertilizer sensor



Hydraulic motor with electronic control



Volumetric feeder for granular

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