



No Trolley



With Trolley

SMART PRECISION FERTILIZER

VMD 600 / 1200 liters

Made entirely of stainless steel
Double disc version.

GENERAL FEATURES

- Dual disc for precise localized applications on both lateral bands or total.
- Hydraulically controlled conveyor belt dosing system.
- 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 6 to 23 meters
- Total application with 30 meters.
- Mechanical drive of the spreader discs with cardan to the PTO of the tractor.
- Computer controlled dosing which enables application of desired fertilizer rate irrespective of tractor velocity.
- Variable trail from 2.1 to 2.4 meters
- Available with trolley for the three-point lifting system of the tractor.
- Minimum tractor requirement 70 Hp and hydraulic pump 30 lts/min and 540 RPM at PTO.

	Net weight (kg)	Load capacity (kg)	Total weight loaded (kg)
VMD 600	551	- 1200 kg	1751
VMD 1200	577	- 2400 kg	2977

VERSIÓN 2P - 2 Products at the same time

The 2P version allows the simultaneous application of 2 products in the same pass, varying the dose of each fertilizer independently according to the prescription.

It has 2 hoppers with 4 belt dosing system which allow the application of powders and/or granules in the same pass. This option decreases the amount of annual passes.



** Computer upgradeable to all our Precision Agriculture solutions*

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 overlaid onto Google Earth and other information for post analysis.



CONTROL



QUALITY



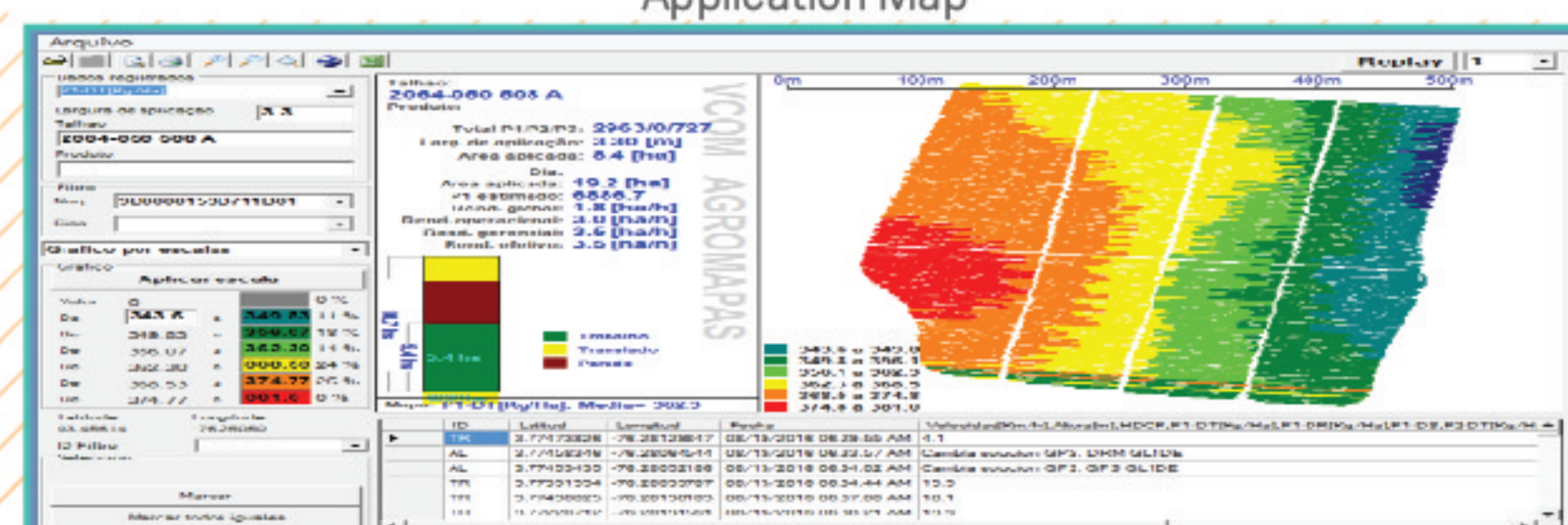
EFFICIENCY

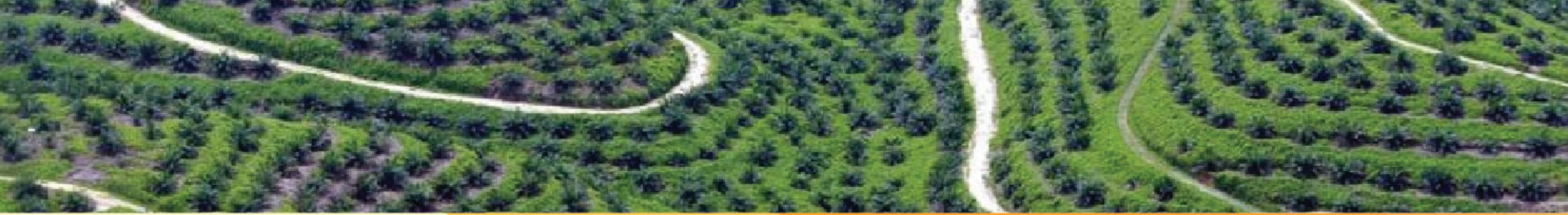
MAPS

Visualization of the complete fertilization plan on Google Earth



Application Map

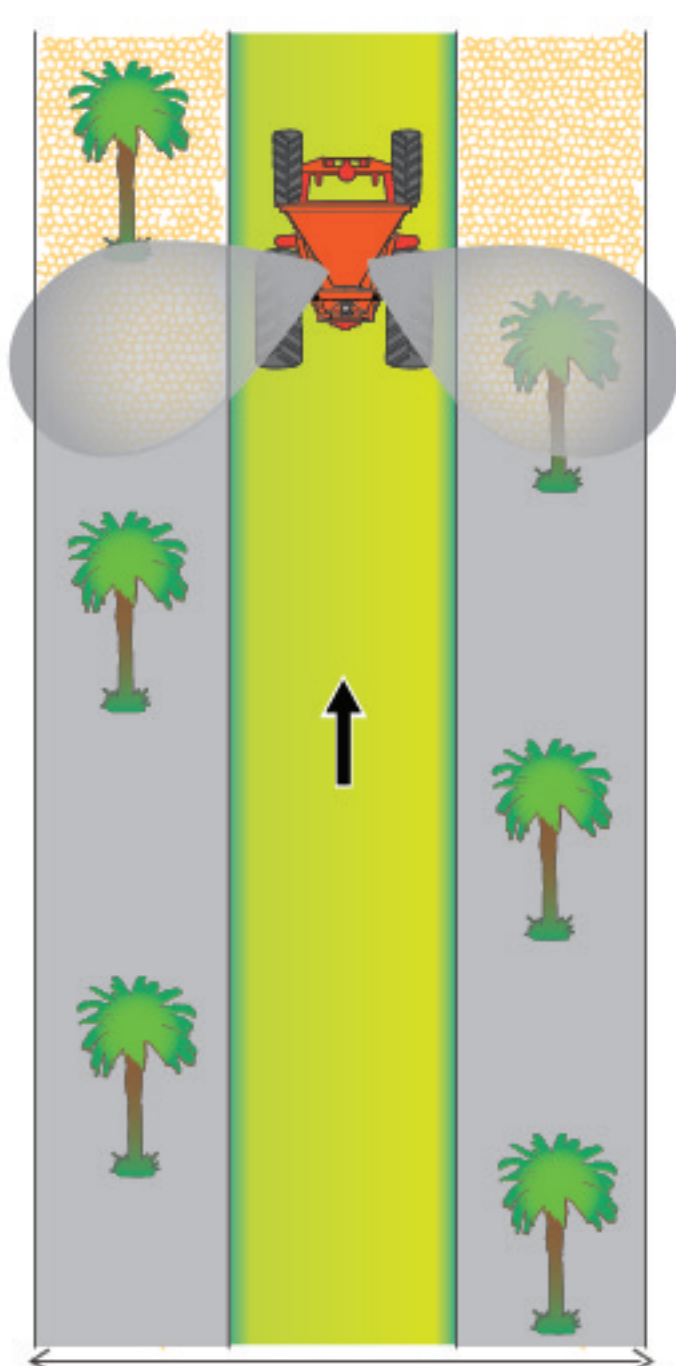




APPLICATION OPTIONS

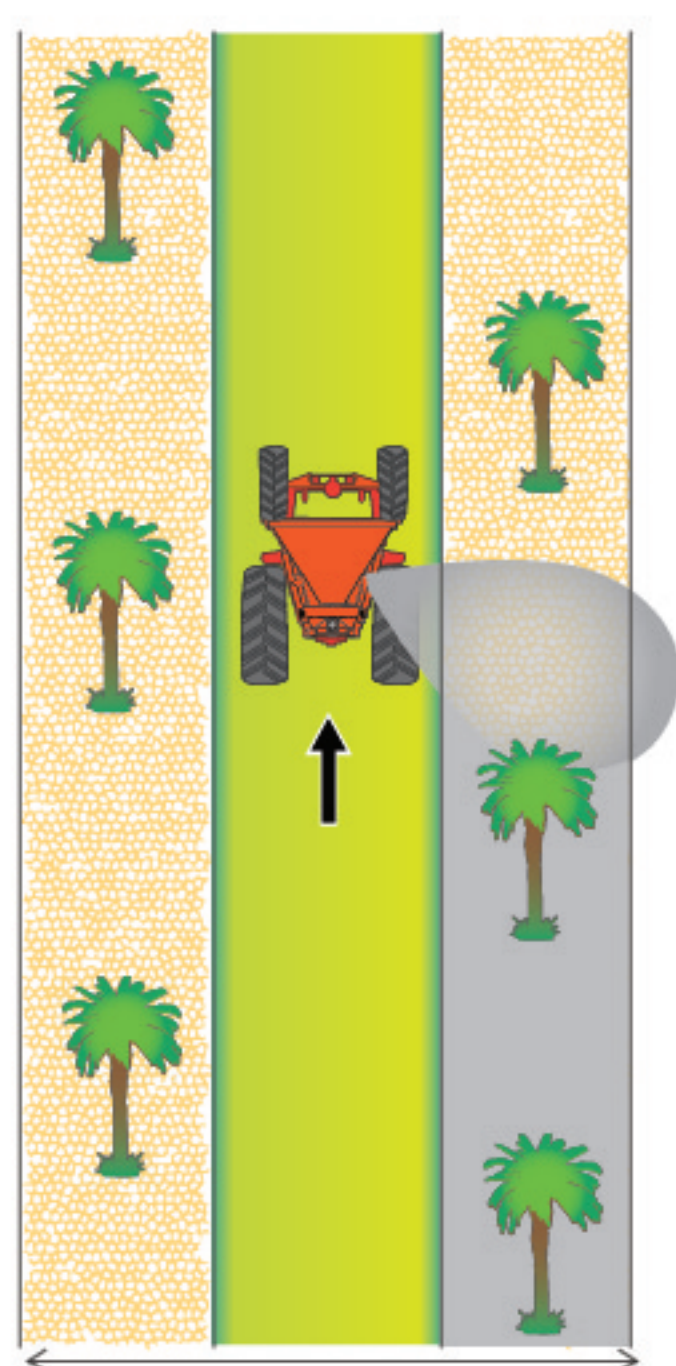
- ① Located in two continuous lateral bands.
- ② Located on one or two lateral bands, this is ideal for applications on terraces.
- ③ Full width spreading application for seed or fertilizers.
- ④ Precision application side and alternate side.

OPTION 1



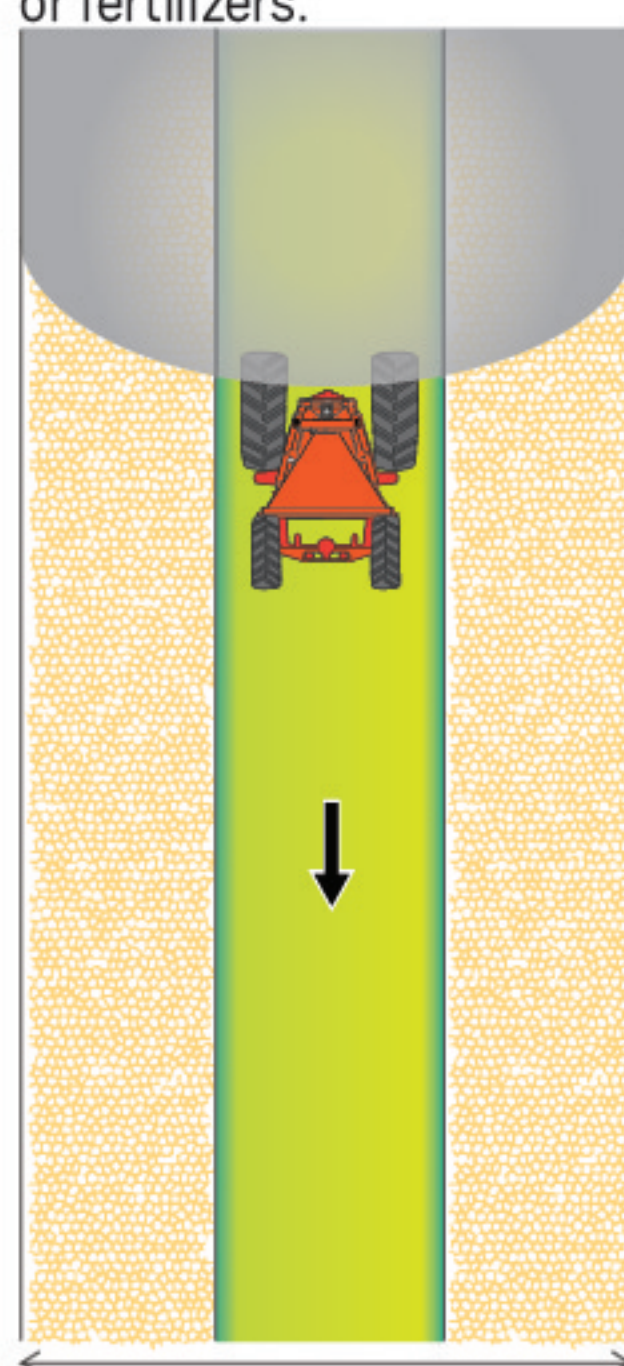
OPTION 2

For use on terraces



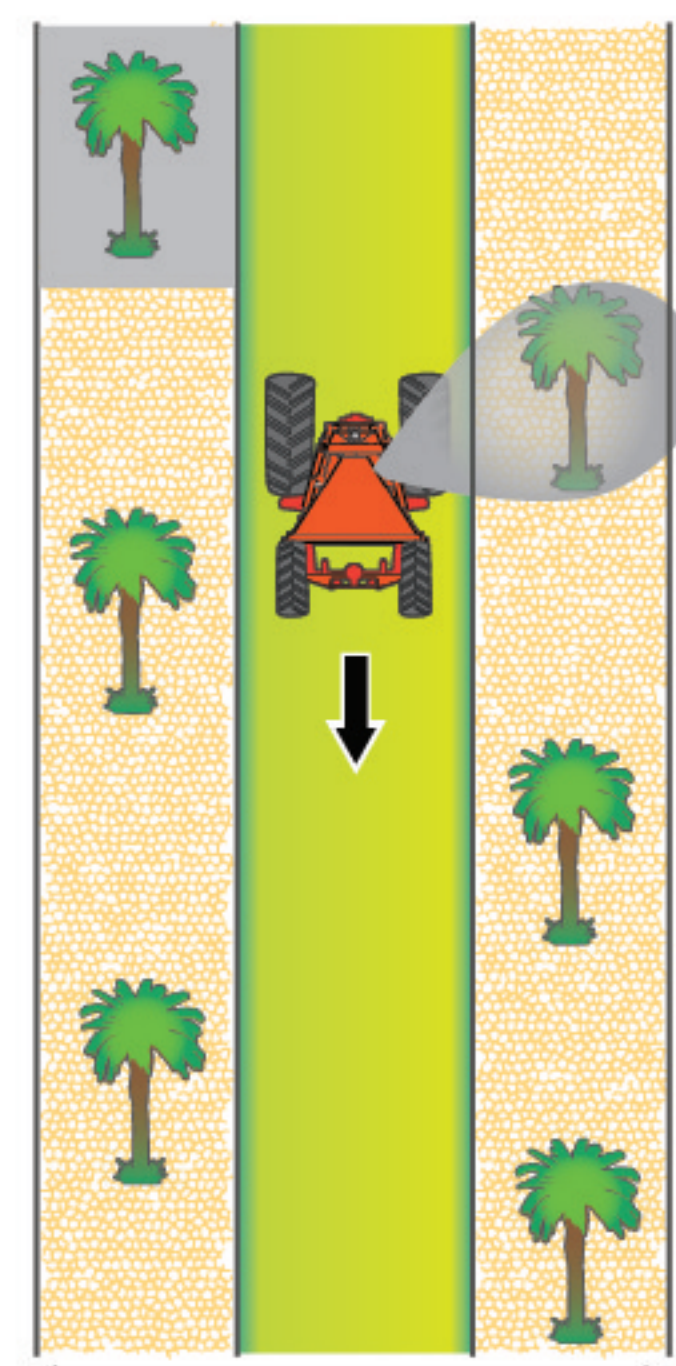
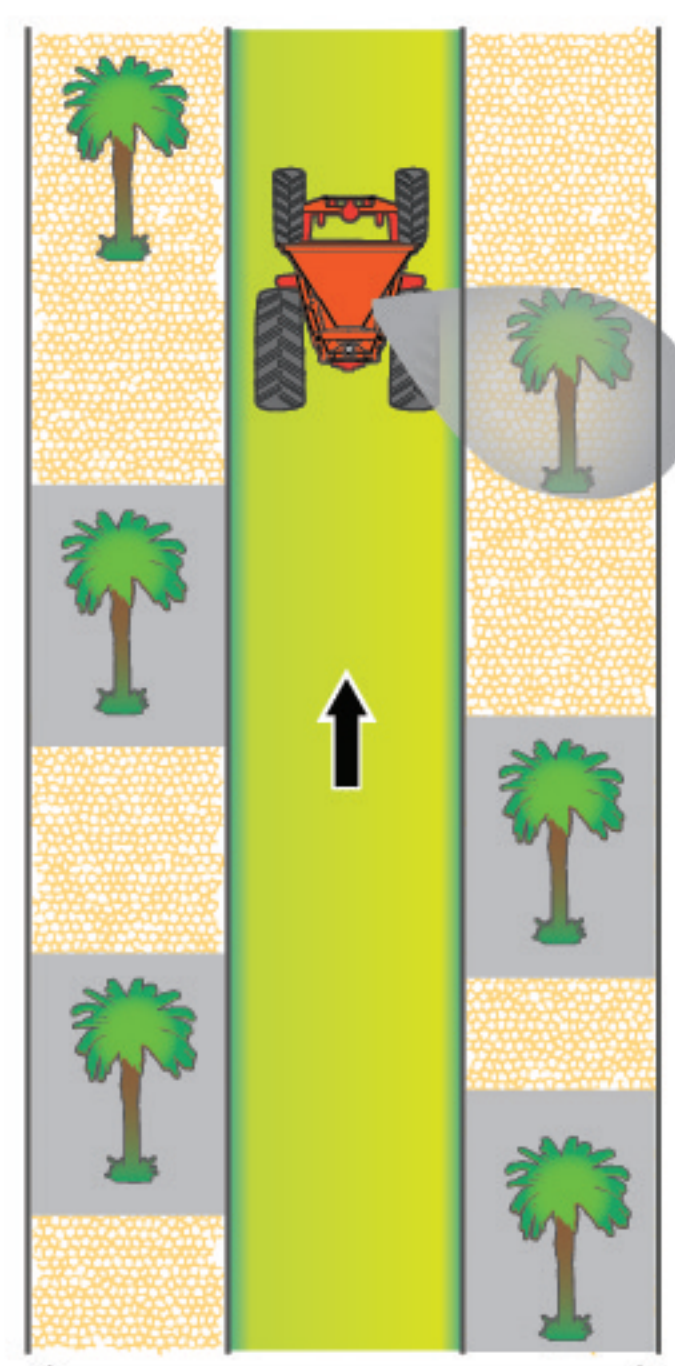
OPTION 3

Full width spreading application for seed or fertilizers.



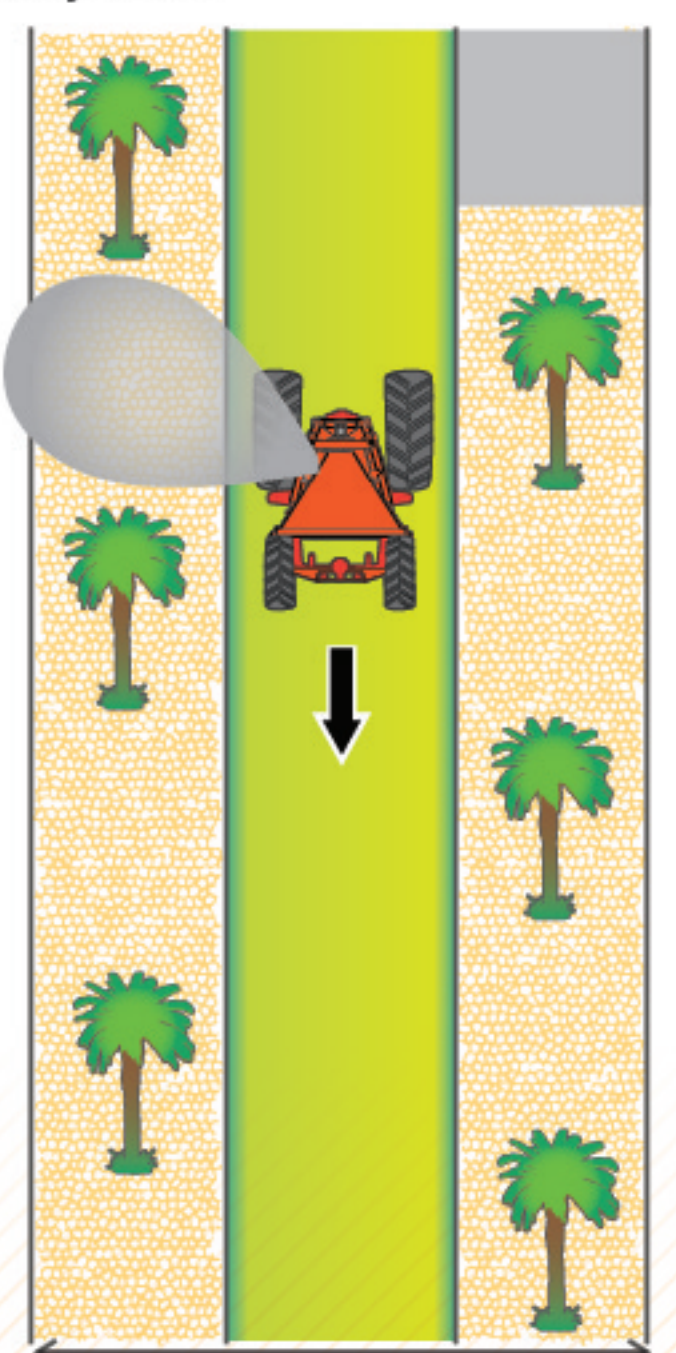
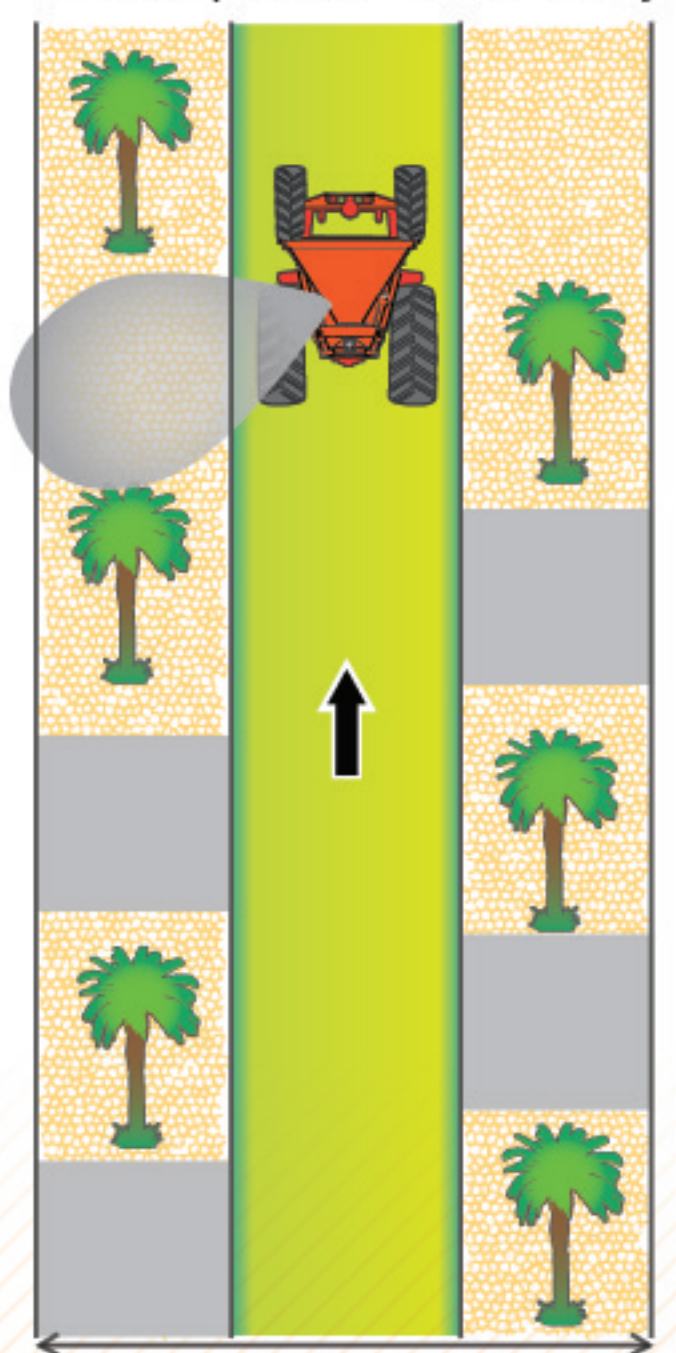
OPTION 4A

Precision application to palm plate, alternately side by side. Recommended for small palms.



OPTION 4B

Precision application in between the lines of the palms, alternately side by side.



Harvester path

Applied area

Oil palm

NOTE

For applications 4A and 4B, a georeferenced map or one based on a map of satellite images is necessary. Our software adjusts for differences between the map and the real field position of the palm. Only applicable in young palm.

BENEFITS

- Maintains desired application rate regardless of speed, ensuring, fixed or variable rate application.
- High precision of electronically controlled fertilizer doses.
- The application of one or two products at the same time does not need any map to be carried out.
- Does not apply fertilizers on the harvester's path. (for options 1,2,4A and 4B.)
- Applies up to 40 Ha/day with 2 persons.
- Reduce labor time by up 14 times compared to a manual application.

ARGENTINA

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