

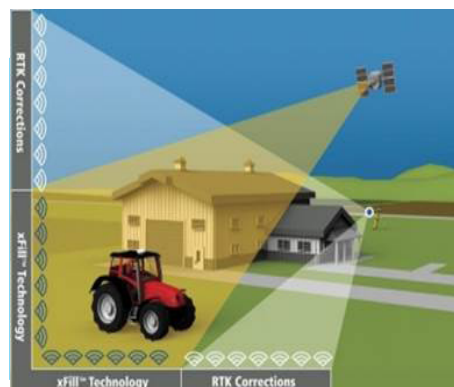


PRECISION FARMING

Revisiting planted plots with absolute (instead of relative) positioning

Technological advantages

- No need for Real-Time Kinetic (RTK) differential calculation
- Faster, with fewer errors
- Comprehensive solution, consistent precision
- Compatible with dual-frequency and tri-frequency receivers
- Software solution



Application: precision farming

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Summary of the invention

Software solution enabling precise centimetre-level positioning of crops based on an absolute reference system (not affected by external factors) for agricultural revisits.

Potential applications

- Sustainable precision farming
- Guided tractor and rotary hoe A
- Automatic weeding
- Agricultural robots

Complementary information sheets

- B0704** Dual-frequency centimetre-level precision GPS
- B0807** Tri-frequency centimetre-level GPS
- B0843** Single-frequency sub-metric GPS
- B1207** Positioning satellites by GPS

Commercial advantages

Optimised crop management

- Adapted to the crop concerned
- Reduction in the use of pesticides
- Mechanical weed control possible
- Improved layout of market garden plots

Time savings

- More rapidly deployable positioning
- Fewer constraints than RTK systems

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TRL 2
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