

FieldPilot®

Assisted Steering with Precise Product Control

Better tools deliver better work and FieldPilot is the ultimate tool for field application work. Merging assisted steering with precise product control, FieldPilot will raise you to a new level of efficiency while reducing costs.

Applicators and farmers who have used the system say that FieldPilot is the best thing to happen to field application equipment in more than 30 years. Machine guidance, product control and even boom section on/off status are managed automatically. This frees the operator to keep track of other critical functions such as spray boom height, proper application patterns, vehicle speed, and the status of the tank or hopper.

We keep it simple too. All functions are controlled through only one console and simple, intuitive controls. This makes setup and training easier and reduces the confusion of running multiple systems side-by-side.

One Console Brings it Together

The console that ties the system together is the Legacy® 6000. It has a full-color display with resolution and brightness that stand out even in direct sunlight. The Legacy 6000 regulates liquid, granular, and anhydrous ammonia product application as well as seed population control. All application data—including maps—are stored for easy download and reporting when the job is complete.

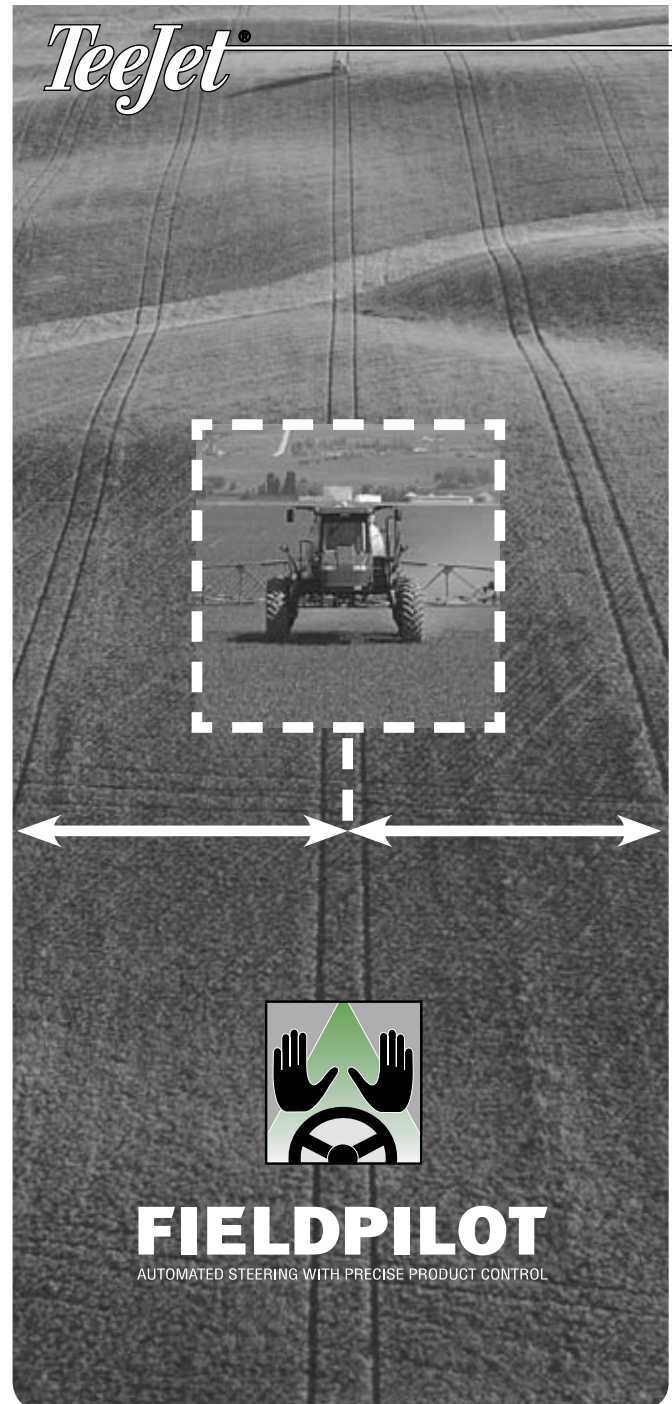
Legacy 6000 manages assisted steering too. Choose parallel, circle pivot, curved A-B, or headland guidance modes; then begin by pressing a key on the console to mark the A-B points. After the first pass is set, the operator makes the end-row turns manually, and after lining up for the next pass, a quick tap of the foot switch puts the machine back in assisted steering mode. The operator can manually override the steering at any time, and when the vehicle reaches a preset off-target distance, the system disengages.

Total Machine Control

For total machine automation, the Swath Manager function integrates automatic boom section control for pinpoint accuracy on row ends and especially on point rows. Any time a sprayer section moves into a previously applied area, it is automatically switched off. The chemical savings you will see from reduced overlap will amaze you.

FieldPilot relies upon positioning from your choice of several GPS receivers. DGPS receiver systems are available for Beacon, L-band, or WAAS/EGNOS correction sources, and provide 69-109(10-25 cm) pass-to-pass accuracy. Higher precision is available with Omnistar HP or Omnistar XP receiver systems, providing pass-to-pass accuracies of 29-49(5-10 cm). FieldPilot is compatible with most GPS receivers that provide at least 5 Hz position updates.

FieldPilot will retrofit on most common sprayer, spreader, and tractor chassis. A complete list is available from your TeeJet representative or at www.TeeJet.com.



PRECISION

