

Introducing New Leader 7™ The 7th in a Series of Precision Application Controllers from New Leader

The New Leader 7™ controller is a multi-functional system built on cutting edge Ag Leader Insight™ technology. The NL 7 is ideal for the applicator whose needs for accurate data management are critical.

A clear perspective

- A sunlight-readable touch screen monitor features color graphics and one of the largest displays in the industry.
- An extensive list of on-screen functionality includes application coverage and rate maps, system diagnostics, and auto legend features.

Easy to install and use

- The simple wiring harness has one power connection for display and CAN modules, making installation fast and easy.
- One control module will run up to 3 granular products with bin level sensor compatibility and closed-loop control of fan speed. Competing products drive up investment costs by requiring multiple control modules to achieve this functionality.



- On-screen wizards guide you through each step of the controller set-up process making the configuration quick and easy.

Adjust fan frame and feedgate positions from the cab

The NL 7 takes convenience and efficiency to a new level. Working seamlessly with New Leader's G4 spinner spreader, the NL 7 is the only control system with patented SmartActuator™ technology that adjusts fan frame positions from the convenience of the cab. The feedgate is also automatically adjusted.



This powerful option automates the positioning of the fan frame and feedgate to the operator's predetermined settings for each product. The required position is automatically recalled and set each time the product is called up to be applied. This assures consistent spread patterns.

No more moving from the cab to the spinner over and over during application runs. Now, you can maximize your time and reduce errors by making application and spinner adjustments directly from the convenience of the cab. Switching between fertilizer types, or to ag lime, has never been easier.

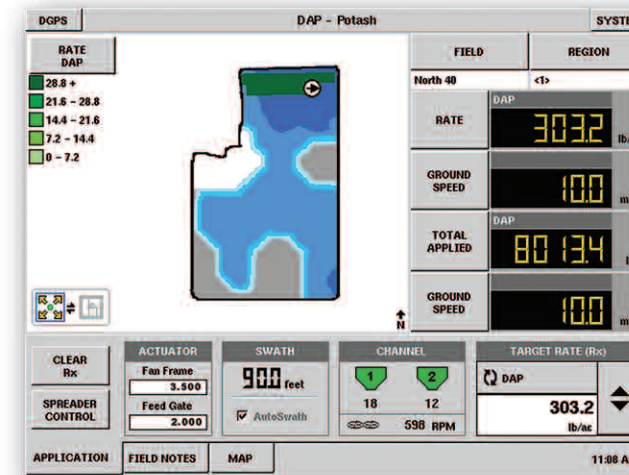
Automating Your Application Tasks...

Control up to three dry fertilizer products, ag lime, or any other dry spreader products accurately and consistently.

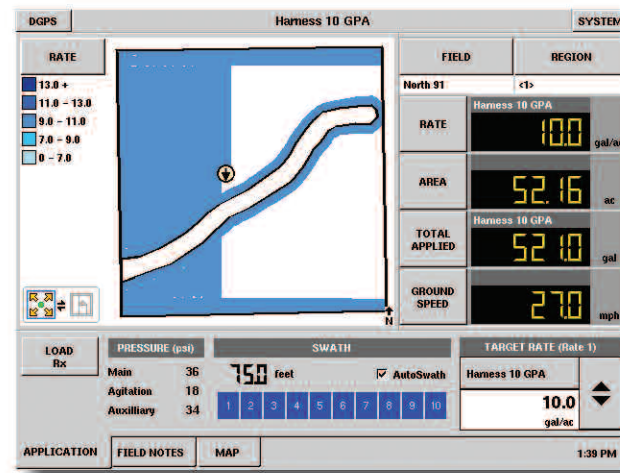
Granular applications

You'll have direct control of spinner speed and application rates of up to three bins, all with one module.

- The spreader module adjusts conveyor output to match application rates and current ground speed.
- Spread width is kept uniform by monitoring and controlling spreader spinner speed.
- The system can also monitor each product's bin level and signals when product level is low. (optional bin sensor(s) required)
- With the use of a DGPS receiver, the NL 7 (optional bin sensor(s) required) automatically starts and stops the conveyor based on the as-applied coverage map.
- Variable rate control using Shape files, TGT, or IRX prescription files provides flexibility to choose the best office data management program for variable rate application needs.



The controller displays composite maps of multiple bin variable rate applications giving you the ability to know where product applications are required in a field without toggling between map layers in the user interface.



Liquid applications

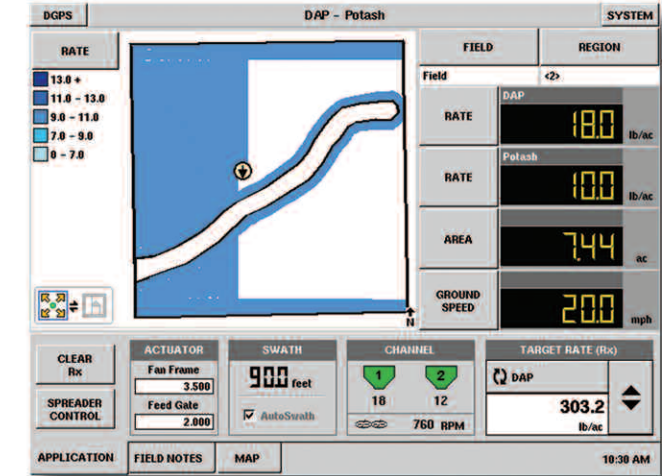
The NL 7 is also designed for applicators that maximize their investment as a liquid and dry combo operator. A liquid system control is available for combo-ready vehicles with the NL 7.

- Standard AutoSwath™ automatic swath control lets you control up to 10 boom sections automatically, based on the field boundary or the applied area coverage map (requires optional DGPS receiver).
- NL 7 displays boom, agitation, and auxiliary pressures on-screen (requires optional pressure sensors).
- Contact Ag Leader, (515-232-5363) with your liquid system specifications. They will provide you with the proper control module and harnessing for your liquid needs.

The Right Tool For The Job...

AutoSwath™

The NL 7 features AutoSwath™ for automatic conveyor control when crossing a field boundary or driving across an area that has already been applied. The AutoSwath™ turns the conveyor or boom section(s) on or off based on field boundaries or prescription mapped areas, as well as previously applied areas of the field. AutoSwath™ functionality is standard on the NL 7 for granular usage. This feature is also available for liquid applications.



SmartReport™

The NL 7 features SmartReport™ application reporting for granular and liquid applications. SmartReport™ shows only content information that is appropriate for the type of product application being utilized.



SmartReport™ gives you the following:

- Certified Crop Advisor license information
- Product Environmental Protection Agency requirements
- Applied totals with product coverage map(s)
- Weather data
- Soil and tillage conditions

This functionality is standard for granular usage and is also available for liquid applications from Ag Leader (515-232-5363).