

FABE-558

# Precision Agriculture Tools for On-Farm Research

**FABE-558-Table 1-Selected Farm Management Information Software (FMIS) and their functionality for On-Farm Research**

	Premier Crop Systems	AgLeader	EFC Systems	Beck's Hybrids	Corteva Mapshots	Corteva	Proagrica	Climate
Software (FMIS) package	-	SMS Advanced	FieldAlytics	Farmserver	AgStudio	Granular Agronomy	Farmrite Summit	Fieldview
On-farm research tool in software	Enhanced Learning Blocks	Field Trial Module	-	-	-	-	-	-
Design								
Research study automatically created?	No	No	No	No	-	-	-	-
Guidance from company rep. to user?	Yes	No	No	Yes	-	-	-	-
Strips, blocks, or grids?	Blocks	Strips, grids	Strips	Blocks	-	-	-	-
Minimum size to implement?	20 ft. x 30 ft.	300 ft. recommended	User decision	0.25 acre	-	-	-	-
Minimum number of replications?	5	Optional up to 50	User decision	-	-	-	-	-
Export prescriptions to in-cab displays?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*continued*

Analysis								
Data processed as it is uploaded from user?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Uploaded data automatically calibrated, or calibration checked via software?	No	No	No	No	No	No	No	No
Data cleaning tools available?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Any statistical capabilities?	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Summarizes by variable or zone?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Management zones automatically created?	No	No	Yes	Yes	Yes	Yes	No	Yes
Capable of basic yield summaries?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Advanced yield summaries by variables?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-year yield analysis possible?	Yes	No*	No	Yes	Yes	Yes	Yes	No
This list is only a selection of the resources available to aid in supporting on-farm research. For example, Premier Crop Systems, in addition to Enhanced Learning Blocks, provides Learning Blocks as well. The software packages offer different features with varying costs. To learn more about these software packages, visit the company's website using the URLs listed at the end of this fact sheet.								
* Possible through the parent company and/or additional platform or software package								