SGIS farm

Precision Farming Software for the Professional Farmer

TOPCON

Precision Agriculture

SGISfarm

Simple-to-use data management
software for farm owners and operators

A Strong Precision Heritage

Topcon acquired the SGIS business and software
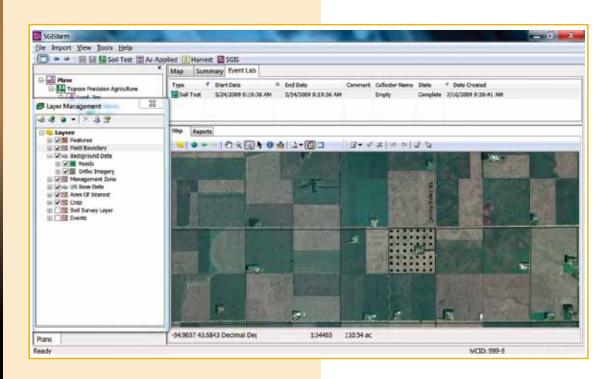product from AGCO Corp. in 2011.

For over 20 years, SGIS Agronomy software was
sold almost exclusively in the ag retailer market
where it became a key technology component
of many successful precision farming service
businesses.

From this strong heritage Topcon has developed
SGISfarm for the professional farmer. The result
is a software program with an "easier to use"
interface which focuses only on those functions
which have proven to create value and make
more money for the farmer.

Precision from Data Import to Application Control

Like SGISpro, Topcon's new SGISfarm
imports and manages all type of data critical
to a successful precision farming operation.
This includes soil test, harvest, as-applied,
as well as crop sensor data. The import
process includes automatic quality checking
features and after import, there are tools
to manually inspect and edit the data if
necessary.

SGISfarm has an open architecture design
which complies with international data
format standards as well as the most
popular GIS and image file standards. This
makes it easy to both export and import
data from other farm office software
programs and controllers.

"Wizard" like Recommendation Process

SGISfarm features a simple, easy-to-use and learn process
for creating variable rate crop input maps without sacrificing
quality and reliability. This is done first by focusing on
very basic but proven recommendation methods. These
methods are then "pre-packaged" in templates which
eliminate the need for the user to learn the complex
process of writing equations.

Some templates are provided with the product, but
new ones created, either by Topcon or your local SGIS
Agronomist can be added at any time. This makes it easy
to customize SGISfarm to meet the specific needs of your
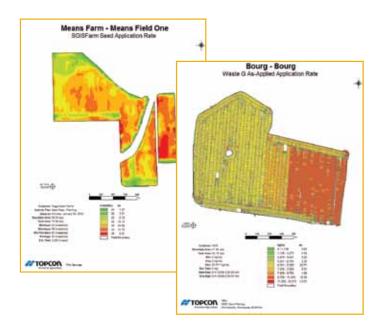cropping practices and regional economics.

Topcon Precision Hardware Support

A key strength of
SGISfarm is its tight integration
with Topcon precision products as well as a number
of machines from AGCO, a Topcon strategic partner.
SGISfarm is the perfect tool for creating variable rate
maps for Topcon's legacy X20 , the GX-45 sold with Topcon
System 150 as well as the new and innovative X30 console
sold with Topcon System 350.

Valuable Field Data Reports

SGISfarm creates all of the important reports that you need to enhance your management decisions. This includes all nutrient maps from soil probe testing, harvest data such as yield mass and volume and moisture content, and also as-applied data which is the "where and how" of the crop input application.

Variable rate seeding is also an SGISfarm strength, with "Best in Class" support of AGCO planters and those equipped with DICKEY-john IntelliAg™ controls. SGISfarm is also a preferred software for processing and managing harvest data collected by all AGCO combines.

Third Party Hardware Support

SGISfarm also supports an extensive list of 3rd party controllers and yield monitors many of which may be on your farm.

Supported Application Controller Formats:
- AGCO Falcon I/II
- AGCO FalconVT
- ISO Task Controller
- ESRI Shape File: INSIGHT, Case IH, New Holland, Trimble, Raven Viper
- AgLeader (.tgt): PF3000, PF3000 Pro, PFadvantage, and INSIGHT
- CNH Flexi-Coil
- Midtech
- Precision Planting 20/20

Supported Yield Monitor Formats
- AgLeader (.tgt): PF3000, PF3000 Pro, PFadvantage, and INSIGHT
- AgLeader (.yld): Yield Monitor 2000, PF3000, PF3000PRO and PFadvantage
- AGCO Fieldstar: Challenger, Massey, Gleaner
- AGCO Task Controller: Challenger, Massey, Gleaner
- CNH Voyager - grain
- CNH Voyager 2 – grain, cotton
- Deere GS1
- Deere GS2
- Lexion
- ESRI shape file

SGISfarm Computer System Requirements
- 2.0 GHz Processor or greater
- 1 GB RAM or greater
- 4 GB free hard drive space
- DVD-RW
- Color Printer
- Microsoft Windows 7 Home Premium
- SD Card Reader
- Microsoft Internet Explorer 8.0 or greater
- Internet Service and e-mail address

SGISfarm Computer System Recommendations
- Dual-Core 2.0 GHz processor or greater
- 2 GB Ram or greater
- 150 GB hard drive or greater
- Windows 7 Home Premium
- High-Speed DSL or cable internet connection

Built on ESRI Technology
- Industry-leading ESRI ArcGIS 10 components
- all data stored in an ESRI standard file geo-database, compatible with all ESRI GIS software products

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