



Decision Driven Data Collection, Enabling the Grower to Make Informed Decisions

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Fuse Key Differentiators



Data Privacy



Mobile



Mixed Fleets



Open Approach

Fuse: Precision Agriculture Tools and Services that Optimize the Farm



Farm
Optimization

INSIGHTS FOR FIELD & FARM

Harness the
power of
your data

Real
Solutions
for Mixed
Fleets

Objectives

- Our FOS partners are Aglytix and Farmobile
- How can we convert what we know and learned into an actionable item
- Using tools to quantify stand using aerial imagery.
- How AGCO is providing solutions to the end user with a mixed fleet

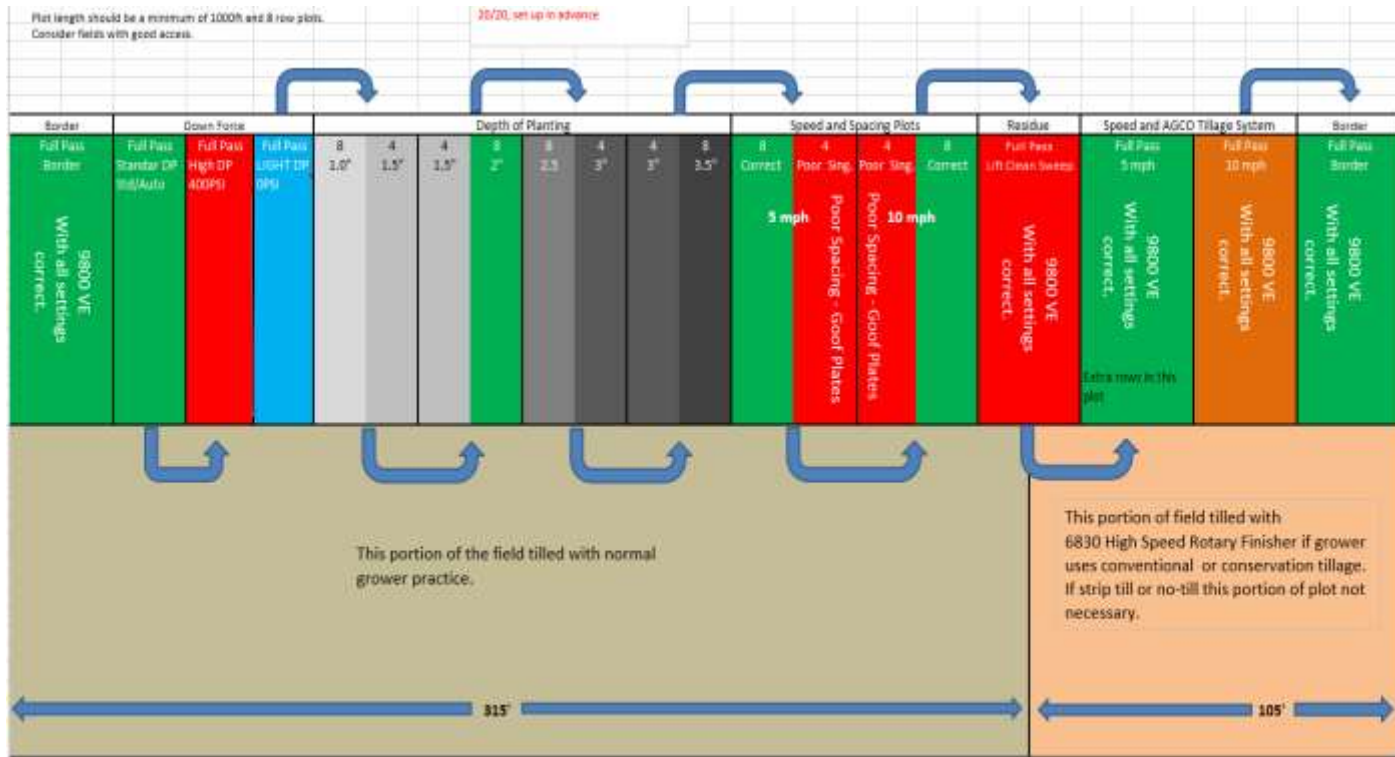
An aerial photograph of a rural landscape featuring a grid of agricultural fields. A semi-transparent network of white lines and nodes is overlaid on the image, suggesting a data or connectivity theme. The fields are in various shades of green and brown, with some darker areas that could be trees or water. The overall tone is dark and professional.

AGCO 2017 Crop Tour Sites

9 plots (1800 acres) done in 5 states throughout North America in 2017

Crop Tour 2017 Example

- Plots included:
 - Down pressure changes
 - Depth Changes
 - Skips/Multiples Changes
 - Closing Wheel Pressure Changes



Total Plot area is 540' x 1000' = 540 A.

Planting conditions and prep tillage.

Field had early burn down but control was minimal. 3" weeds were present at planting primarily mares tail. West 1/3 of the plot had the Sunflower 6830 ran across it. The balance of the plot was no-tilled.



2.5cm Drone Imagery July 14th V17 – 1" planting depth

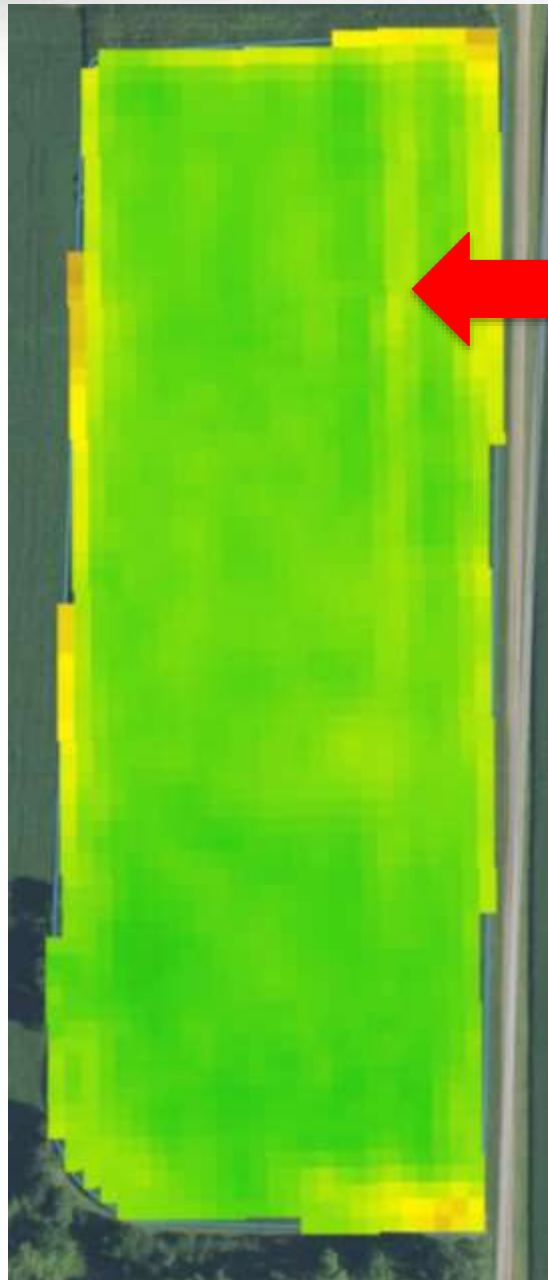


1" Planting Depth



NDVI

Image taken July 5th



1" Planting Depth

An aerial photograph of a rural landscape, showing a grid of roads and fields. A network of white lines with small circular nodes at the intersections is overlaid on the image, suggesting a connectivity or network theme. The background is dark, and the text is centered in a white horizontal band.

Connecting the Mixed Fleet



TRUE MIXED FLEET SOLUTIONS

AGCO FLEET



OTHER OEMs



AFTERMARKET



Machine Data Collection

Time Stamp	Direction	Fan Speed
Position	Distance	Fan Percent
Elevation	Engine Torque	Intake Temp
Engine Hours	Engine Load	Hydraulics
Fuel Rate	Oil Temp	Battery
Speed	PTO Speed	Hitch Height

Agronomic Data Collection

Planting

Target Pop
Population
Singulation
Spacing
Downforce
Virtual Terminal

Spraying

Target Rate
Applied Rate
Tank Level
Pressure
Section Status

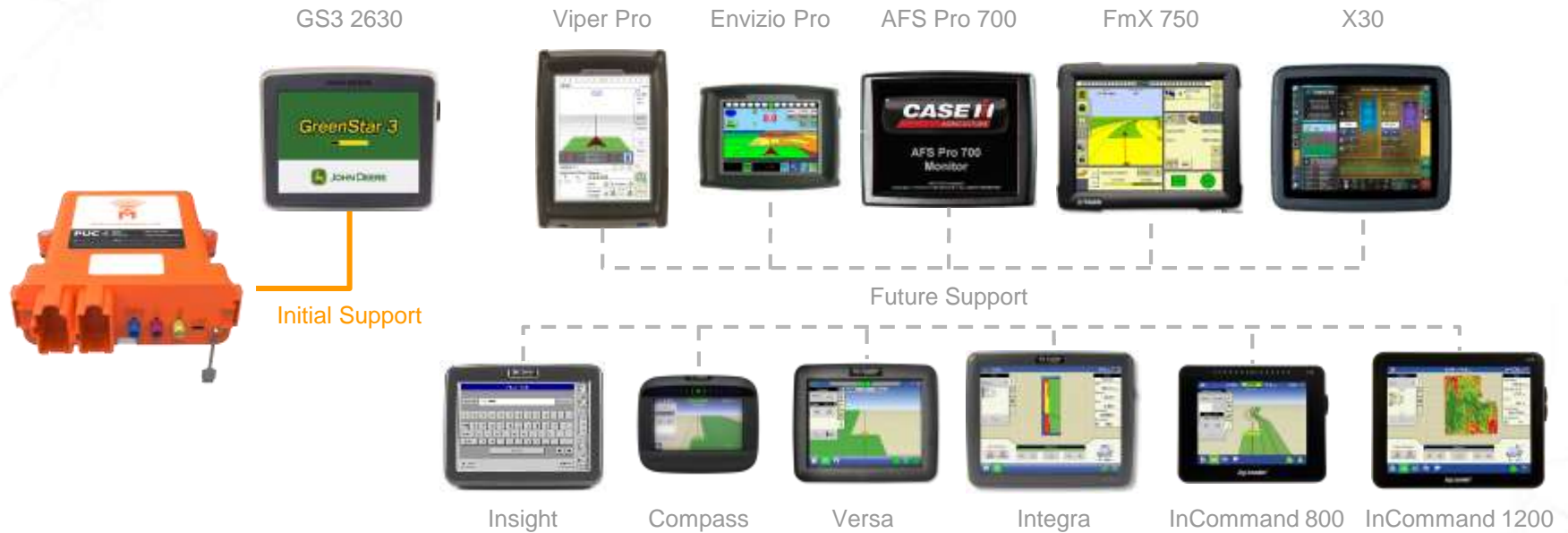
Harvesting

Mass Flow
Moisture
Yield
Header Width
Used Width
Virtual Terminal

Fertilizing

Target Rate
Applied Rate
Spinner Speed

Mixed Fleet File Transfer



- Provide wireless data transfer to these devices
 - Office to the cloud
 - Cloud to the machine
 - Machine to Machine
 - Requires Puc V4 to be installed on machines

Consistent collection of all field events

- All data in the same place in the same visual language
- Fertilizing, soil conditioning, planting, spraying, harvesting



Fleet Management

- Works across brands
- Most late-model equipment
- Portable across machines



Machine Performance

- See all machines at a glance
- View a machine's detailed performance
- Use machine data to identify issues in the field



The image features a dark, high-contrast aerial photograph of a rural landscape, showing a grid of roads and fields. A prominent white horizontal band runs across the center of the image. The text "Thank You" is centered within this white band. The overall aesthetic is modern and minimalist.

Thank You