



AgroNave 12



Experience the pinnacle of precision with the **AgroNave 12**, a larger and equally capable agricultural GPS system.

Equipped with state-of-the-art and robust software, this model stands out with its **ISOBUS** system, designed to provide seamless plug-and-play integration between diverse vehicles (e.g., tractors) and implements (e.g., sprayers).

The **AgroNave 12** ensures the versatility and flexibility you need for efficient field operations, while its larger size offers enhanced display and control for comprehensive management of your agricultural tasks.

Experience a new level of precision with the **AgroNave 12 UltraWide**, the agricultural GPS that redefines control in the field. With its ultrawide screen, it offers an expanded viewing area, allowing you to monitor more information simultaneously, such as application maps, operational data, and real-time settings, all with maximum clarity.

Equipped with state-of-the-art technology and **ISOBUS** compatibility, the **AgroNave 12 UltraWide** ensures seamless plug-and-play integration between vehicles (e.g., tractors) and implements (e.g., sprayers), reducing setup time.

AgroNave 12 UW



HORIZONTAL and VERTICAL mounting

AgroNave 7



Discover unparalleled flexibility with the **AgroNave 7**, featuring cutting-edge **ISOBUS** technology.

This innovation allows seamless integration of your GPS with components from various brands, ensuring top-notch efficiency and versatility in the field.

The primary function of **ISOBUS** technology is to facilitate plug-and-play connectivity between different vehicles (e.g., tractors) and implements (e.g., sprayers), enhancing your operational ease and productivity.



Shared Key Points

Intuitive interface: Simple and easy-to-use system designed to streamline your field operations

Fast response: Save time with a powerful on-board computer that ensures efficiency in your tasks

Connectivity: Synchronize your tasks and files with the IsoFarm portal and get fast, efficient help with the remote support feature

ISOBUS: Allows seamless communication with implements from different manufacturers, ensuring versatility and flexibility

Common Benefits

Multiple operations: Ability to operate different tasks from external controllers, expanding field applications

Operational efficiency: Cutting-edge technology designed to increase operational efficiency and deliver impressive results

Line and lane marking: Keep your equipment on the same line, avoiding crop crushing and soil compaction

Post-work tracking: Access equipment location after work. The IsoFarm platform gives you complete control over the number of service hours performed.



VT / TC



isoFarm



Wifi



BLUETOOTH

Features

	AgroNave 12	AgroNave 12 UW	AgroNave 7			
Screen	12"	12" Ultra Wide	7"			
Connection	Wi-Fi: synchronization with IsoFarm portal and remote support	Wi-Fi and 4G: synchronization with IsoFarm portal and remote support	Wi-Fi and 4G: synchronization with IsoFarm portal and remote support			
Resistance	IP66 - Water-resistant designed to withstand strong jets of water from any direction	IP67 - Designed to withstand the challenges of the agricultural environment	IP67 - Designed to withstand the challenges of the agricultural environment			
	 AUTOSTEERING	 SPRAYING	 ISOBUS VT / TC	 ONLINE SUPPORT	 IsoFarm	 WiFi

Guide



STRAIGHT



CURVED



ADAPTIVE



PROJECT

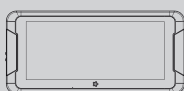
Model



12"

AgroNave 12

**AgroNave 12
ISOBUS**



12"

AgroNave 12 UW

**AgroNave 12 UW
ISOBUS**



7"

AgroNave 7

**AgroNave 7
ISOBUS**



GeoNave 30

Precision That Transforms Productivity

Powered by Agres' exclusive system, the GeoNave 30 integrates seamlessly with Agres software and hardware to deliver unmatched precision, efficient guidance control, and overlap elimination—boosting productivity and cost-effectiveness.



Key Points GeoNave 30

- Bands
- Constellation
- Accuracy
- Accuracy Pass to Pass
- 7" touch screen
- IP65 protection
- Can be used from planting to harvest
- Agile and easy to install, configure and use platform
- Measures perimeter and treated area
- Stores and exports data from completed tasks
- Allows import of prescription maps
- Navigation by parallel lines, straight or curved
- Calculates area covered by task
- Follows work paths based on parallel straight, curved, free or as designed
- Requires only a start point (A) and an end point (B)
- Upgradable to GeoNave 31

Benefits

- Better results with lower cost of ownership
- Saves time by easily resuming previous activities
- Avoids overlapping maneuvers
- Allows the use of all specified precision bands

GeoNave 31

Enhanced Precision for Sprayers

Building on the GeoNave 30's precision and seamless integration, the GeoNave 31 is optimized for sprayers. It ensures accurate input application, minimizes waste, and eliminates overlaps. Fully compatible with a wide range of sprayers, it includes an automatic section control license for maximum efficiency and accuracy.



Key Points GeoNave 31

- Bands
- Constellation
- Accuracy
- Accuracy Pass to Pass
- All functions offered by GeoNave 30
- Automatic regulation of the flow on the basis of the travel speed
- Regulation of the flow on the basis of the dosage specified by the user
- Variable dosage on the basis of prescription maps
- Management of different types of valves and nozzles
- Control of every single valve on the boom
- Automatic closure of sections on the basis of the GPS position to prevent overlaps of chemical product

- Pass to pass precision
- Absolute precision of 30 cm, potentially reaching 20 cm, 15 cm and even 2 cm depending on the signal contracted

Guide



STRAIGHT



CURVED



PROJECT





IsoFarm



Complete control.

Manage all your farming activities from the convenience of your mobile phone, tablet or computer. With IsoFarm, you have complete control over your farm operations, ensuring efficiency and productivity, all at the touch of a button!

Monitor and control your farm.

IsoFarm is an innovative online platform that provides a detailed and comprehensive view of your farm.

Functionalities

Navigation reports:

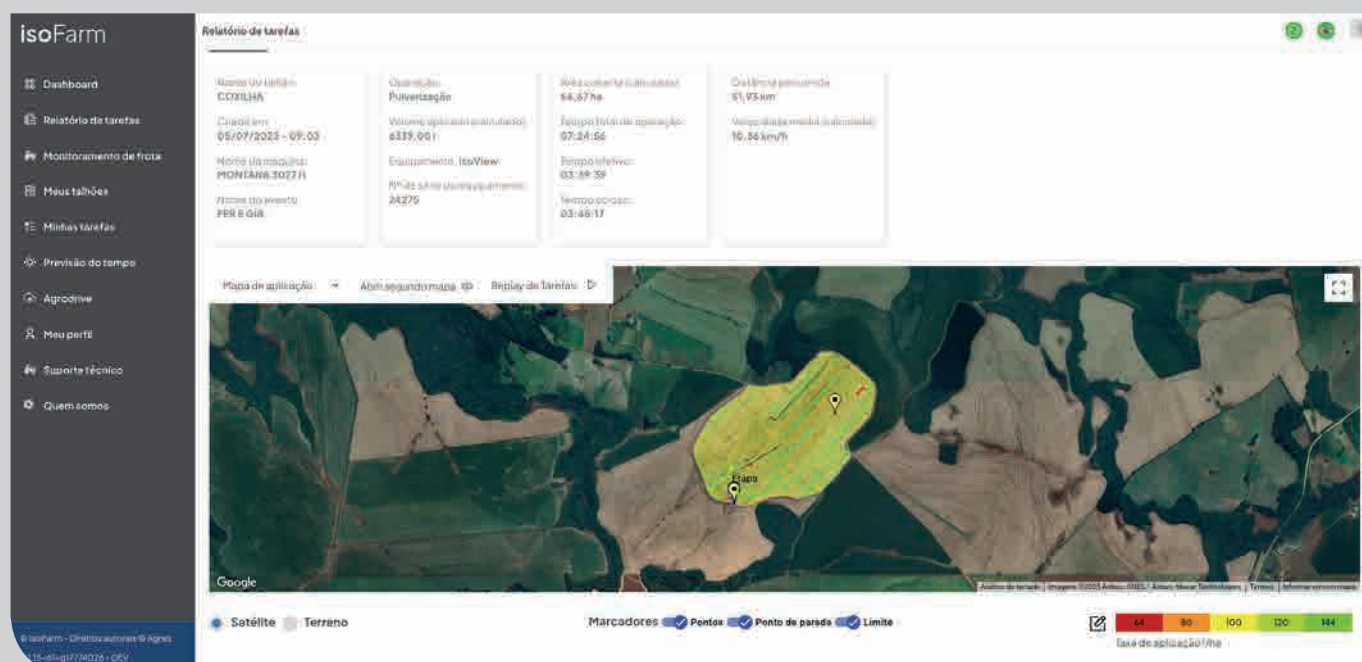
Access reports with essential information such as field name, machine used, operation type, total activity time and percent overlap. Explore maps showing application distribution, speed and overlap area.

Fleet monitoring:

Monitor your fleet with access to machine parameters, operator behavior and progress of field activities.

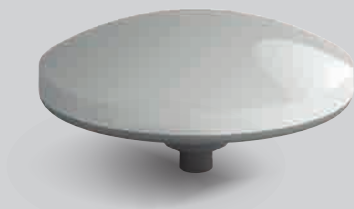


en.agres.com.br/isofarm/





ANR 10



Key Points

Bands: Multifrequency L1, L2, L5
Constellation: GPS-GLONASS-BDS-GALILEO
Signal Correction: SBAS¹ - TerraStar^{1 2}
Terrain Compensation: Sim
Accuracy Abs: 1,5 m
0,6 m with SBAS
0,01-0,02 m with TerraStar^{1 2}
Accuracy Pass to Pass: 0,3 m
Update Frequency: N/A
Protocols: N/A
Interfaces: N/A
Protection: IP67

¹ Prepared for these corrections | ² Upon signature

ANR 20



Key Points

Bands: Single frequency L1
Constellation: GPS-GLONASS-BDS-GALILEO
Signal Correction: SBAS
Terrain Compensation: Sim
Accuracy Abs: 1,2 m
0,6 m with SBAS
Accuracy Pass to Pass: 0,3 m
Update Frequency: 10 Hz
Outputs: NMEA 0183
Interfaces: RS-232, BLUETOOTH
Protection: IP67

Applications



NAVIGATION



SPRAYING



SPREADING

Model and code



ANR 10
K00114026

Applications



NAVIGATION



SPRAYING



SPREADING

Model and code



ANR 20
5001011000721



ANR 30 | ANR 30 PRO

RTK STATION



ANR 30

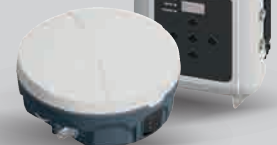
ANR 30 PRO

BATTERY

AC POWER SUPPLY

RTK PRECISION

RTK PRECISION



RTK 10

RTK 50

Key Points

Bands: Multi frequency L1-L2-L5

Constellation: GPS-GLONASS-BDS-GALILEO

Terrain Compensation: Sim

Signal Correction:

ANR 30
SBAS, HAS, RTK 4G -
Ntrip, RTK base station

ANR 30 PRO
SBAS, HAS, RTK 4G - Ntrip,
RTK base station, RTK Satellite
(TerraStar^{1 2} correction service
on subscription)

Accuracy Abs:

ANR 30
1,2 m
0,6 m with SBAS
0,02 m with RTK³

ANR 30 PRO
1,2 m
0,6 m with SBAS
0,02 m with RTK
0,01-0,02 m with TerraStar^{1 2}

Accuracy Pass to Pass: 0,3 m
0,15 m with Galileo HAS

Update Frequency: up to 20 Hz

Outputs: NMEA 0183, NMEA 2000, RTCM 2.X | 3.X

Interfaces: RS-232, CAN, BLUETOOTH, 4G

Protection: IP67

¹ Available only in PRO version | ² Subscription required | ³ 0.01 m every 10 km

Applications



NAVIGATION



AUTOSTEERING



SPRAYING



SPREADING



SEEDING



HARVESTING

Model and code



ANR 30
5001011000777

ANR 30 PRO
5001011000829

Key Points

Centimeter accuracy

Greater operational efficiency

Compatibility with onboard equipment

Consistency in input application

One-time payment

MOBILE STATION RTK 10

Portable & simplified kits for temporary usage
in a working scope of **3-5 km**
in good application environment.

Bluetooth wireless connectivity makes the
configuration and diagnosis easier.

Cost-saving for small farming field

One using-friendly configuration tool
for base and rover.

BASE STATION RTK 50

A long range covery of **15-20 km** based in
good application environment;

Keyboard to change the frequency of
orrection channel to avoid the frequency
interference

Model and code



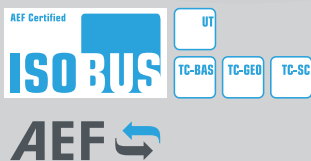
RTK 10
5001011000891



RTK 50
5001011000892



isoBox Sprayer



isoBox Sprayer **controls the rate of liquid application** during farming operations to ensure consistent and effective application.

With ISOBUS technology, Agres ECUs offer flexibility, allowing the system to seamlessly **integrate with components from different brands**, ensuring **efficiency and versatility** in the field. The main purpose of this technology is to **enable plug & play integration** between vehicles (e.g. tractors) and implements (e.g. sprayers) across manufacturers.

Key Points

Spray Module:

12-section, 2-wire spray control module.
18-section, 3-wire spray control module.

Supports level sensor.

Supports pressure sensor.

Supports NPN/PNP "implement active" sensor.

Supports flow sensor.

Flow control limits (minimum/maximum limits in flow, pressure and/or speed).

Fault alarms for flow control and programmed limits.

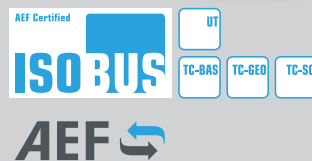
Totals (area/volume/distance).

Field update support.

Support for bar control with or without general valve.

Universal Terminal (UT) and Task Controller (TC-SC, TC-GEO).

isoBox Orchard



isoBox Orchard **regulates the liquid application rate during orchard operations**, ensuring precise and uniform coverage for optimal fruit crop care and protection.

With ISOBUS technology, Agres ECUs offer flexibility, allowing the system to seamlessly **integrate with components from different brands**, ensuring **efficiency and versatility** in the field. The main purpose of this technology is to **enable plug & play integration** between vehicles (e.g. tractors) and implements (e.g. sprayers) across manufacturers.

Key Points

Spray Module:

12-section, 2-wire spray control module.
18-section, 3-wire spray control module.

Supports level sensor.

Supports pressure sensor.

Supports NPN/PNP "implement active" sensor.

Supports flow sensor.

Supports inputs from ultrasound sensor.

Flow control limits (minimum/maximum limits in flow, pressure and/or speed).

Fault alarms for flow control and programmed limits.

Totals (area/volume/distance).

Field update support .

Support for arm section control with or without general valve.

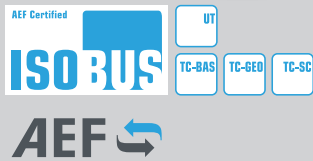
Universal Terminal (UT) and Task Controller (TC-SC, TC-GEO).

Benefits of the isoBox family for ISOBUS

Easy to install | Simple configuration | Intuitive | ISOBUS interface | Instant actuator signal processing | Information logging



isoBox Spreader



isoBox Spreader **controls the fertilizer application rate** during operation to ensure consistent and effective distribution.

With ISOBUS technology, Agres ECUs offer flexibility, allowing the system to seamlessly **integrate with components from different brands**, ensuring **efficiency and versatility** in the field. The main purpose of this technology is to **enable plug & play integration** between vehicles (e.g. tractors) and implements (e.g. sprayers) across manufacturers.

Key Points

Fertilizer Module:

Control module for fertilizing up to 4 sections

Rate control:

Controls up to two individual conveyor belts

Section control:

Controls up to two individual gates and one rotary disc
Universal Terminal (UT) and Task Controller (TC-SC, TC-GEO)

isoBox Hydraulic



isoBox Hydraulic **controls the boom movements**, of sprayers accommodating various boom geometries.

Important: The hydraulic control ECU is not ISOBUS on its own; it is an accessory for the IsoBox Sprayer system. It must be used in conjunction with the IsoBox Sprayer and cannot operate independently.

Key Points

Controls 1, 2, 4, or 6 boom hydraulic cylinders

Manages boom tilt

Lock/unlock boom control

Adjusts boom height relative to the ground

General valve command

Supports in-field updates

Benefits of the isoBox family for ISOBUS

Easy to install | Simple configuration | Intuitive | ISOBUS interface | Instant actuator signal processing | Information logging



AgroNave e-steering



electric

RTK
PRECISION

The **AgroNave e-steering electric** system optimizes farming operations with precise autosteering, reducing machine downtime, operator fatigue, and fuel consumption. It ensures smooth navigation along straight, parallel, or curved tracks.

Destination / Use:

Perfect for all stages of farming, from soil preparation to harvesting, the electric system increases accuracy and minimizes soil compaction and crop damage.

System Features:

electric autosteering: easy installation and disengagement by simply touching the steering wheel. The steering is controlled by an electric actuator, ensuring smooth automation.

Features



AgroNave h-steering



hydraulic

RTK
PRECISION

The **AgroNave e-steering hydraulic** system integrates seamlessly with the original control panel, maintaining operator familiarity. It optimizes farming operations by automating steering using a hydraulic block. Disengagement is controlled through a pressure transducer.

Destination / Use:

Ideal for use throughout all phases of farming, from soil preparation to harvesting, this system enhances precision while reducing soil compaction and crop damage.

System Features:

hydraulic autosteering: integrates directly with the original control panel for ease of use. Disengagement occurs through a pressure transducer, and automation is managed by a hydraulic block.

Features



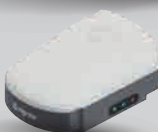


AgroNave steer-ready



steer-ready

RTK
PRECISION



The **AgroNave steer-ready** is a specialized kit designed for machinery that comes pre-equipped for autoguidance installation. It requires only the connection of the Agres display and antenna, enabling precise steering functionality.

Destination / Use:

Suitable for all stages of farming operations, from soil preparation to harvesting, delivering accuracy and efficiency across diverse tasks.

System Features:

Unlike other kits, the **AgroNave steer-ready** eliminates the need for additional wiring or modifications, leveraging the machine's existing infrastructure for quick and efficient deployment.

Features



TERRAIN
COMPENSATION



U-TURN



±2.5CM
ACCURACY



ADVANCED
GUIDE LINE



FARM
MANAGEMENT



GIS INFORMATION
IMPORT/EXPORT



IsoFarm



WiFi



BLUETOOTH

