

XENIUS

YOUR ACCURACY ASSET

1 - SCHEDULING

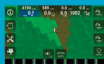
WORK PLANNING

- From the terminal, via the «Treatments» menu



XENIUS Menu

- From the PC, if the AGRO System Desktop Application license is active. The AgroSystem Desktop Application also allows the identification of the spraying session (customer, operator, crop) for an optimal tracking.



Work screen

ASSETS

- Avoids mistakes
- Minimizes the risk of improper handling of a user

2 - WORK AT THE PLOT

GUIDANCE

Integrated to the spraying



Autonomous (tool mode)



ASSETS

- Facilitates turning manoeuvres, particularly in poor visibility or at night

GPS AUTOMATIC VARIABLE RATE

Variable rates can be applied within the same plot according to the recommendation maps, which the Xenius can read directly.

Precise Manual synchronisation with the variable rate map



Before Synchronisation



After Synchronisation

ASSETS

Visualization of the preconized areas while spraying



- Open your variable rate maps using the AGROSystem Desktop Application and synchronizes them with your Xenius using a USB stick
- Compatible with Shape format (.shp)

GPS AUTO SWITCHING BOOM

The automatic boom switch off requires either a prior survey of the plots or a manual first pass and record the sprayed boundary.

3 operating modes



Manual mode



Boundary mode



Automatic mode

ASSETS

- Auto-switch off up to the nozzle
- Optimization of the plot tips
- Boundary recording
- Operates with localized intakes map (Shape format)

AUTOMATIC PLOT RECOGNITION

Once the plots have been geo-located, the XENIUS suggests the nearest plots. The user simply has to select the first one in the list.

Plot geo-location



Plot recognition



ASSETS

- Allows an easier tracking with no risk of mistaking the plot
- The association of the geographical coordinates of the plots can be done directly to the field

LOCALIZED INTAKES

With localized intakes, an area can be sprayed regarding to the exact section width. This allows to only spray specific areas or to avoid crossing paths.

Localized intakes visualization



While spraying

Jobs done visualization



After Google Earth® exportation

ASSETS

- Using the auto switch off boom, this feature allows you to spray at the exact section width
- Compatible with the shape format (.shp)

3 - TRACKABILITY

JOB DONE MANAGEMENT

- AGRO System Desktop Application



Google Earth® exportation

ASSETS

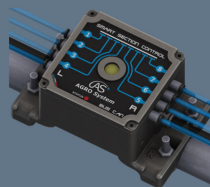
This software allows to:

- Visualise, replay, search, print, export jobs done on the XENIUS
- Export your jobs on Google Earth®
- Compare your variable rate map with the real dose spread on the field
- Export to your own software job data at the Iso-Xml format
- Manage your XENIUS configurations

SSC NOZZLE SWITCH (SMART SECTION CONTROL)

NEW

The OPTIMA SSC nozzle switch option is available in pneumatic or electric technology. The installation is simplified by a 100% automatic calibration of the modules (patented system). The SSC module is equipped with 8 outputs, with defect detection.



ASSETS

- Accurate processing
- Instant opening/closing
- Up to 4 different nozzles independently piloted

The system integrates the detection of clogged nozzles, and a work light output.

