



# *Training*

Training catalogue MONOSEM - Export  
From 01/07/2022 to 30/06/2023

70 YEARS OF KNOW-HOW...



...BY YOUR SIDE

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# Monosem training

## The Monosem training team

Two trainers at your side :



**Jean-Eudes Poupard**  
Technical trainer



**Nicolas Levillain**  
Technical-commercial trainer

## Our training center



**We invite you to come to our training center !**

In our training center :

- 1 reception hall.
- 3 training rooms, for up to 40 persons.
- A showroom with planters, cultivators, front hoppers, electronic devices and a museum space.

## Contact



+33 (0)5 49 81 50 00



levillainnicolas@monosem.com

## Localisation



12 Rue Edmond Ribouveau  
79240 Largeasse  
France

# Practical guide

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## Conditions

- Free training courses
- Training courses in English or French. Other languages : please consult us
- Please consult your Monosem representative for accomodation and restaurants
- For the factory visit : personal protective equipement provided by Monosem
- Registration at latest 15 days before the session
- Execution of the training course subject to a minimum number of trainees (number according to the type of training course)
- A non-justified cancellation less than 15 days before the session will be charged 100€
- Execution of the training course subject to health recommendations required at its date. We reserve the right to decrease the number of trainees, or to cancel the training course, according to the health context

## Registration

Find all about the registration page 19 of the catalogue.

## Places of training

- Monosem Training Center, Largeasse, France
- Out of the Monosem Training Center
- Distance training thanks to the Microsoft Teams software

## Training levels

 **Level 1 :** Novice / Basics

 **Level 2 :** Low experienced / Product knowledge

 **Level 3 :** Experienced / Profund knowledge

 **Level 4 :** Expert



# Technical sales training



*Skills*



*Customer satisfaction*

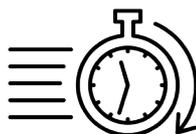


*Efficiency*

# Monosem range basics



Level 2



2 days  
(3 days, please consult us)



5 to 15  
Salespersons  
Technicians  
Novice product managers

## Objectives

- Get to know the Monosem company
- Get acquainted with the diversity of the different Monosem ranges
- Define user requirements
- Propose a standard machine in accordance with the established specifications and the context in which it will work

## Public

- Level 2 : Monosem importer's novice (or low experienced) salesman and technician

## Prerequisites

- Basic knowledge of agricultural machinery
- Be familiar with the main customer specifications and contexts of use

## Method and medias

- Slides
- Monosem models
- Simulators and machines

## Calendar

Title	Place	Date 1	Other dates
<b>Monosem range basics</b>	Monosem Training center	From 13/06/2023 to 14/06/2023	Please consult us
	Out of the factory		Please consult us
	Distance training		Please consult us

## Program

- Presentation of the company and of the Monosem range
- Monosem planters and cultivators working
- Main standard equipment : description, functioning and comparisons
- Basic adjustments of the equipment
- Main options
- Use of seed monitors
- Establishment of requirements specification
- Use of the Monosem planters price list
- Use the Monosem cultivators price list
- Submit an appropriate commercial proposal from an example
- Visit of the factory



# Technical training



*Skills*



*Customer satisfaction*

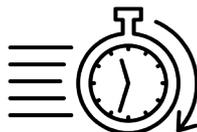


*Efficiency*

# Uneven planting diagnosis



Level 2



1 day



5 to 15  
technicians

## Objectives

- Diagnose an uneven planting
- Find the causes of uneven plantings
- Prescribe the method to prevent or fix uneven plantings

## Public

- Level 2 : Novice and low experienced Monosem technicians

## Prerequisites

- Know a precision planter functioning
- Experience in starting up of Monosem planters

## Method and medias

- Interactive digital support, movies
- Practical workshop, depending on pedoclimatic conditions

## Calendar

Title	Place	Date 1
<b>Uneven planting diagnosis</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us
	Distance training	Please consult us

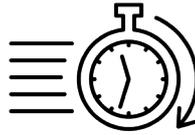
## Program

- Agronomic reviews
- Planters functioning
- Maintenance : the key points
- Planter starting up : the basic points
- Uneven plantings :
  - Misses
  - Losses
  - Uneven planting categories
    - Gap between target density and real density
- Causes of uneven plantings, solutions
- Factory visit

# Pre-starting up of hydraulic drive planters



Level 3



1 day



4 to 12  
technicians

## Objectives

- Understand how the hydraulic drive works
- Set up a SeedDrive machine ready for an optimized functioning
- Anticipate dysfunctions and make diagnosis

## Public

- Level 3 : Experienced technician, specialized technician, workshop manager

## Prerequisites

- Knowledge of a Monosem planter's complete kinematic
- Have experience in Monosem planter maintenance

## Method and medias

- Slides
- Monosem models
- Simulators and machines

## Calendar

Title	Place	Dates
<b>Pre-starting up of hydraulically driven planters</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us

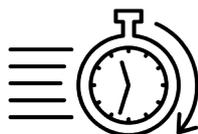
## Program

- Functioning of the hydraulic drive and regulation
- SeedDrive with one motor
- SeedDrive with three motors
- System with sections cut-off
- Harness and seed sensors
- ISOBUS S7000H software functioning and use
- Practical workshop on a hitched planter

# Pre-starting up of full electric drive planters



Level 3



1 day



4 to 12  
technicians



Electric  
training

## Objectives

- Understand how the full electric drive planters (FEP with NG Plus 4E, NG Plus ME, NX ME and MECA V4E units) work (electrically driven metering units, microgranulators and fertilizer)
- Set up an electric drive machine ready for an optimized functioning
- Anticipate dysfunctions and make diagnosis

## Public

- Level 3 : Experienced technician, specialized technician, workshop manager

## Prerequisites

- Experience in precision planter functioning
- Knowledge of a Monosem planter's complete kinematic
- Have experience in Monosem planter maintenance

## Method and medias

- Slides
- Monosem models
- Simulators and machines

## Calendar

Title	Place	Date 1
<b>Pre-starting up of full electric drive planters</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us

## Program

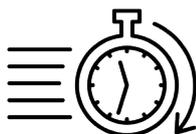
- Monosem full electric drive planters architectures and functioning
- Components, connections, adjustments
- ISOBUS S8000E software presentation and use
- Practical workshop : failures diagnosis, maintenance, software updates

 Can be included in the Monosem training suites

# Electric drive machines : refresh and update



Level 3



1/4 to 1/2 day



4 to 12 technicians



Electric training

## Objectives

- Refresh your knowledge about Monosem electric drive planters and front hoppers
- Know the new components, adjustments and software updates

## Public

- Level 3 : Experienced technicians

## Prerequisites

- Completed "Pre-starting up of full electric drive planters" training course
- Completed "Pre-starting up of electric drive front fertilizer" training course (if you are interested in front fertilizers)
- Experience in Monosem electric drive machines

## Method and medias

- Face-to-face training: Slides, machines, simulators with ISOBUS terminal
- Distance training: Slides, machines. Thanks to the Microsoft Teams software

## Calendar

Title	Place	Dates
<b>Electric drive machines : refresh and update</b>	Monosem Training center	Please consult us
	Distance training	Please consult us

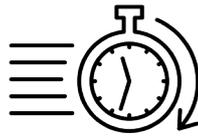
## Program

- Global architecture of the Monosem electric drive machines
- Global functioning
- Focus on specific components: evolutions and adjustments
- Software: updates, new functionalities, improvements
- On demand: ISOBUS connections, compatibilities and experiences feed back

# Pre-starting up ISOBUS Monosem machines



Level 4



3/4 to 1 day



4 to 12  
technicians

## Objectives

- Know the ISOBUS communication basics
- Set up an ISOBUS machine ready for an optimized functioning
- Master basic adjustments of row cut-off by GPS

## Public

- Level 4 : Experienced technician, specialized technician, workshop manager

## Prerequisites

- Knowledge of a Monosem planter's complete kinematic
- Have experience in Monosem planter maintenance

## Method and medias

- Slides, models and machines, simulators with terminal
- Practical workshop. Depending on pedoclimatic conditions, workshop in a field (Please bring your own working clothes)

## Calendar

Title	Place	Date 1
<b>Pre-starting up ISOBUS Monosem machines</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us
	Distance training	Please consult us

## Program

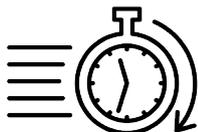
- ISOBUS : functionalities, compatibilities, connections, licences, updates
- Adjustments of the row cut-off by GPS
- Practical workshop : different ISOBUS terminals use, from Monosem or other manufacturers (possible only in face-to-face training sessions)
- Practical workshop : planter with row cut-off by GPS starting up (possible only in face-to-face training sessions, depending on pedoclimatic conditions)

 Can be included in the Monosem training suites

# Pre-starting up of electric drive front fertilizer



Level 4



1/4 day



4 to 12  
technicians



Electric  
training

## Objectives

- Know how the electric front fertilizer works
- Set up an electrically driven machine ready for an optimized functioning
- Anticipate dysfunctions and make diagnosis
- Know the ISOBUS communication basics

## Public

- Level 4 : Experienced technician, specialized technician, workshop manager

## Prerequisites

- Knowledge in hydraulic and electronic principles
- Knowledge of a Monosem front fertilizer's complete kinematic
- Have experience in Monosem front fertilizer maintenance

## Method and medias

- Slides
- Monosem models
- Simulators and machines

## Calendar

Title	Place	Date 1
<b>Pre-starting up of electric drive front fertilizer</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us
	Distance training	Please consult us

## Program

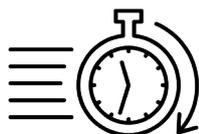
- Monosem electric front fertilizers architectures and functioning
- Components, connections, adjustments
- Practical workshop 1 : F800E software use
- Practical workshop 2 : front fertilizer description, connections, combined use with an electrically driven planter, calibration, diagnosis and maintenance (possible only in face-to-face training sessions)

 Can be included in the Monosem training suites

# Variable rate planting (TC-GEO)



Level 4



1/2 day



4 to 10  
technicians



Electric  
training

## Objectives

- Know the ISOBUS communication basics
- Set up an ISOBUS planter ready for an optimized functioning
- Master basic adjustments of variable dosing rate with an application map

## Public

- Level 4 : Experienced technician, specialized technician, workshop manager

## Prerequisites

- Knowledge of a Monosem planter's complete kinematic
- Experience in Monosem electric planters

## Method and medias

- Slides, models and machines, simulators with terminal
- Practical workshop. Depending on pedoclimatic conditions, workshop in a field (Please bring your own working clothes)

## Calendar

Title	Place	Dates
<b>Variable rate planting (TC-GEO)</b>	Monosem Training center	Please consult us
	Out of the factory	Please consult us
	Distance training	Please consult us

## Program

- Variable planting rate : main principles
- Pre-starting up of a planter with variable planting rate
- Practical workshop : download of an application map in ISOBUS terminal, using the Monosem software (possible only in face-to-face training sessions)
- Practical workshop : planter with TC-GEO starting up (possible only in face-to-face training sessions, depending on pedoclimatic conditions)

 Can be included in the Monosem training suites

# The Monosem training suites

## The «Electric» training suite

- «Pre-starting up of full electric drive planters» training
- «Pre-starting up for ISOBUS Monosem machines» training
- «Pre-starting up of electric front fertilizer» training



Level 4



2 days

Title	Place	Date
The «Electric» training suite	Monosem Training center	Please consult us
	Distance training	Please consult us



4 to 12 technicians



Electric training

## The «ISOBUS» training suite

- «Pre-starting up of full electric drive planters» training
- «Pre-starting up for ISOBUS Monosem machines» training
- «Variable rate planting (TC-GEO)» training



Level 4



2 days

Title	Place	Date
The «ISOBUS» training suite	Monosem Training center	Please consult us
	Distance training	Please consult us



4 to 12 technicians



Electric training

## The «complete» training suite

- «Pre-starting up of full electric drive planters» training
- «Pre-starting up for ISOBUS Monosem machines» training
- «Pre-starting up of electric front fertilizer» training
- «Variable rate planting (TC-GEO)» training



Level 4



2,5 days

Title	Place	Date
The «complete» training suite	Monosem Training center	Please consult us
	Distance training	Please consult us



4 to 12 technicians



Electric training



# Assembly training



*Skills*



*Efficiency*

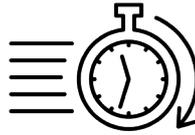


*Productivity*

# Electrical drive planter assembly



Level 4



3 days



1 to 4  
technicians

## Objectives

- Assembly without help of electrical drive machines
- Acquire an assembly and connection logic
- Organize your workstation and structure the stages of assembly

## Public

- Level 4 : Independant assembler, tutor assembler

## Prerequisites

- Is already independant for machines with accessories assembly
- Completed «Pre-starting up of full electric drive planters» training
- Please bring your working clothes and shoes. Working gloves, glasses, caps and ear protection provided by Monosem

## Method and medias

- Theory in training room
- Workshop on the Monosem assembly line

## Calendar

Title	Place	Date
Electrically driven planter assembly	Monosem Training center	Please consult us
	Out of the factory	Please consult us

## Program

- Functioning of electrically driven machines
- Assembly precautions
- Electric connections
- Assembly of several electrical drive planters
- Technical control of an electric drive planter

# Training registration

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*Please register for the training courses, it takes a few seconds!*

*Select your registration process:*

 <p><b>Phone :</b></p> <p>+33 (0)5 49 81 50 00</p>
 <p><b>Email :</b></p> <p><a href="mailto:visites@monosem.com">visites@monosem.com</a></p> <p>CLICK </p>
 <p><b>Web :</b></p> <p><a href="https://forms.gle/6zZLbAzTgkuHcsSq9">https://forms.gle/6zZLbAzTgkuHcsSq9</a></p> <p>CLICK </p>

 *Required information are also on the following page.*

# Registration form

Date of the enquiry	
Company's name	
Requested training	
Requested date(s)	
Names of participants	
Contact in your company	
Email	
Phone number	
Signature + Company's stamp	

Please copy this model, fill it in and send it to the Monosem Training Department, or fill in online with this QR code

or click here: <https://forms.gle/6zZLbAzTgkuHcsSq9>

Email : [visites@monosem.com](mailto:visites@monosem.com)



Download the digital registration form here

# Monosem Training Center

*We have all to train you in the best possible way.*



## Museum space

*You will appreciate the 70 years of Monosem history and expertise.*



## Technology corner

*You will find many simulators with all our seed monitors.*



## Monosem Training center

*700m<sup>2</sup> with a showroom, teaching materials and training rooms.*



## Metering units presentation

*We present all our metering units in the best way to get to know each of them.*



### Showroom

*A global overview of the Monosem range, with many accessories.*



### 3 training rooms

*The 3 training rooms have a capacity of 40 trainees.  
Their equipment are made to deliver you the best face-to-face trainings and distance trainings.*

# **MONOSEM**

Enhanced precision

12 rue Edmond Ribouveau • 79240 LARGEASSE • France  
05 49 81 50 00



Siren : 626 620 116 • R.C.S. Niort

EN - 07/22

[www.monosem.com](http://www.monosem.com)

*All the data concerning the equipment, the general appearance, the weight and dimensions are current at the date of printing and vary according to countries. They may be modified without previous notice. This brochure cannot be considered as a binding document. Your Monosem partner will not hesitate in informing you of any possible changes. In order to illustrate this brochure, certain safety housings and mechanisms may have been removed. Apart from this particular case and complying with the recommendations in the manual, these must remain fitted.*

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