



# Lidea

FRESH IDEAS FOR AGRICULTURE

**N°1 NON-GMO SOYBEAN  
BREEDER IN EUROPE!**

**2023/2024**



SOYBEAN

# 1<sup>ST</sup> SOYBEAN RESEARCH IN EUROPE

“ Since 1975, Lidea soybean research creates varieties with higher yields and protein content, perfectly adapted to each European climatic zone and to the different market segments (feed and food).



Lidea uses the very latest laboratory technologies (molecular marking, genomics, etc.), field selection and off-season seed production to accelerate the genetic progress of soybean.

Our many research stations and testing locations across Europe enable us to select the best varieties in terms of yield potential, protein content, lodging, disease and pod shattering tolerance, adapted to each climatic zone and market segment (feed, food, textured protein, etc...).



**Patrice JEANSON**  
Soybean Research  
Manager



**Roman FERRANT**  
Soybean Breeder



**Gerhard LOEFFL**  
Soybean Technician for  
EARLY groups



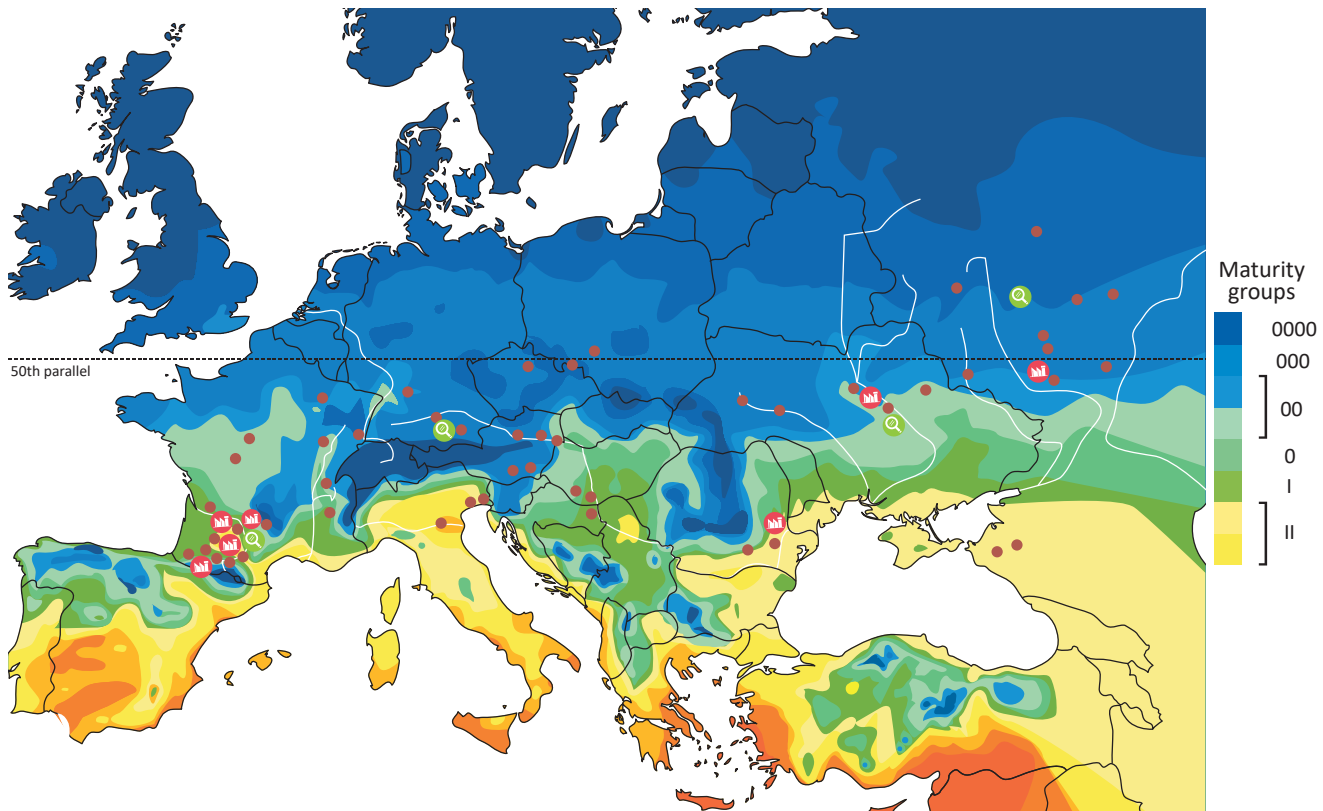
**Yan ETCHEBER**  
Soybean Technician for  
LATE groups


# SUITABLE VARIETIES FOR ALL CLIMATIC CONDITIONS



SOYBEAN

## 2023 Soybean R&D network 50 locations



 Soybean seed factory  Soybean research center  Soybean testing location

Lidea is also the N°1 Soybean seed producer in Europe  
with many soybean seed factories from West to East.



EARLY PORTFOLIO: FROM THE EARLIEST TO THE LATEST

MATURITY	NAME	HILUM COLOR	GROWTH TYPE	YIELD	PROTEIN	KERNEL SIZE	FOOD	DESCRIPTION
VERY EARLY (000)	<div>NEW</div> LDG2211			++	+++			New ultra early variety (0000/000) with excellent Food criteria and lodging tolerance. Do not treat with metribuzin.
	ES COMANDOR			++	++	+++		<b>Our earliest variety and n°1 in Feed and Food in Northern Europe.</b> Do not treat with pendimethalin.
	<div>NEW</div> ATTRACTOR			+++	+++	++		Excellent variety for earliness, yield potential and suitability for Food (high protein content, large kernels, yellow hilum).
	<div>NEW</div> LID DIOR			+++	++	+++		A new very early yield leader with diseases tolerance.
	ES NAVIGATOR							Earliness, lodging tolerance and early vigor.
	ES FAVOR			++	++	++		<b>The n°1 in lodging and diseases tolerance!</b>
	<div>NEW</div> LID DIAMANTOR			+++	+++	++		The new very early yield and protein content leader with good lodging tolerance. Grey hilum. Do not treat with metribuzin.
	<div>NEW</div> COMBINATOR			++		+++		<b>A new leader in yield potential and protein content (about 45%) for Food and Feed segments.</b> Do not treat with Metribuzin.
	ES BACHELOR					++		A leader in protein content (about 45%) for Food and Feed segments.
	ES GOVERNOR					++		<b>Good yield potential, earliness and lodging tolerance (short plant).</b>
	<div>NEW</div> SUCCESSOR			+++		+++		A super yield leader with lanceolate leaves. Excellent Food criteria (large kernels, yellow hilum) with lodging/diseases tolerances. Do not treat with metribuzin.
	<div>NEW</div> LID MERCATOR			+++	+++	++		A new variety with excellent yield and Food criteria. Do not treat with metribuzin.
	ES COLLECTOR			+++	++	++		<b>Excellent yield results in official trials across Europe!</b> Yellow hilum, large kernels.
	ES CHANCELLOR			+++	++	++		Provides high yield security, early vigor, high lodging and pod shattering tolerance.
	ES SENATOR					++		Good yield stability and diseases tolerances. Do not treat with metribuzin.
	ES CONDUCTOR			++	++	++		Provides yield security and homogeneity.
	ES COMPOSITOR			+++		+++		<b>The n°1 in yield potential in the group 000 with yellow hilum and large kernels!</b> Do not treat with Metribuzin.
EARLY (00)	ES ALBATOR			++	++	++		Very good yield potential and protein security with ES MENTOR aspect. Do not treat with metribuzin.
	ES VISITOR			+++		++		<b>A very early variety with excellent yield potential, very good vigor and high diseases tolerance.</b>
	ES LIBERATOR			++	++	+++		Good yield potential and very good harvest security (short plant, lodging and pod shattering tolerance).
	ES MENTOR			++	++	++		<b>The most famous variety in Europe! Excellent combination between yield potential, food criteria and lodging tolerance.</b> Do not treat with metribuzin.
	<div>NEW</div> ES INSPECTOR					++		Our new 00 leader in protein content (about 44%) for Food & Feed segments. Yellow hilum. New Food standard in official trials in Hungary.
	<div>NEW</div> SAILOR			+++		+++		A new yield leader with large kernels.



MATURITY	NAME	HILUM COLOR	GROWTH TYPE	YIELD	PROTEIN	KERNEL SIZE	FOOD	DESCRIPTION
EARLY (00)	ES LOUXOR					++		Provides yield security and large kernels.
	<b>NEW</b> LID CONSTRUCTOR			+++	++	++		<b>The new super yield leader at the end of group 00! Grey hilum.</b> Do not treat with metribuzin.
	ES PROFESSOR			++	++	+++		<b>Excellent yield potential and protein content.</b> Very large kernels and good lodging tolerance. Do not treat with metribuzin.
	<b>NEW</b> LID PROMOTOR			++	+++	+++		New variety with excellent yield and Food criteria (protein content, large kernels, yellow hilum).
	<b>NEW</b> LDG2221			+++	++++	+++		A future Hi-Pro leader with excellent yield potential and Food criteria (protein content, large kernels, grey hilum).
MID-EARLY (0)	ES DIRECTOR			++				<b>Our highest yielding 00 variety with ES MENTOR aspect!</b> <b>Good early vigor and lodging tolerance.</b>
	<b>NEW</b> ESG2122			+++	++	+++		A very early variety with excellent yield and Food criteria (protein content, large kernels). Do not treat with metribuzin.
	ES GLADIATOR				++			Good yield potential and protein content. Excellent sclerotinia and other diseases tolerance. Grey hair. Yellow hilum.
	ES ADVISOR				+++	+++		<b>Excellent lodging and diseases tolerances.</b> High protein content and very large kernels.
	ES TRIBOR			+++		++		<b>The new yield leader in group 0 in Europe !</b> Excellent lodging, diseases tolerances and stability. Grey hair.
	ES ANIMATOR			+++	++	+++		<b>Excellent protein yield in official trials in Hungary !</b> Good early vigor and lodging tolerance.
MID-LATE (I)	ES WARRIOR			++	++++			The new group 0 leader in protein content (about 45%) for Food & Feed segments. New Food standard in official trials in Hungary.
	ES PALLADOR			+++	++			<b>The n°1 variety for yield across Europe for 5 years in a row!</b> Excellent protein content. Ramifications, lanceolates leaves and grey hair.
	ES COMPETITOR				++++			Our n°1 variety in protein in Group I and very early! New Food standard in official trials in Hungary.
	ISIDOR			++	+++	+++		<b>The n°1 variety for human Food.</b> Excellent protein content, yield, sclerotinia and lodging tolerance.
	ES MEDIATOR			++	++	++		An improved version of ISIDOR with higher yield potential, excellent protein content and good lodging tolerance.
	<b>NEW</b> LID ARMATOR			++	++	++		An early variety with excellent yield, lodging tolerance and good Food criteria.
	<b>NEW</b> ES CONQUEROR			++	+++	++		<b>An improved version of ISIDOR with higher yield potential and proteins.</b> Excellent lodging and sclerotinia tolerance.
	<b>NEW</b> ES GENERATOR			+++	+++	+++		<b>Exceptionnal yield potential, protein content and large kernels.</b> A future n°1 in yield and protein content in the end of group I in Europe.
	<b>NEW</b> LID SURVIVOR			+++	+++	++		A new variet with excellent yield and Food criteria (protein content, large kernels).
LATE (II)	WENDY			+++				<b>A yield leader for Feed segment in all situations! Grey hair.</b> Can only be sold only in France, Spain, Italy, Hungary, Romania & Bulgaria.
	ES CONNECTOR			+++	++	++		<b>The new n°1 variety in yield potential and protein content at the end of group I in Europe.</b>
	ES INVENTOR			++	+++	++		The variety with highest protein content in group II, good early vigor and lodging tolerance.
	ES CREATOR			+++	+++	++		Our n°1 variety for Food in group II. Excellent yield potential and protein content.
	<b>NEW</b> ES BALTIMOR			+++		++		The latest variety with the highest yield potential from our entire portfolio. Reserved for regions using groups II and III.

VARIETY IN BOLD: Sales leader



Semi-determinate



Indeterminate

++ High

+++ Very High



**Hi-Pro** Hi-Pro varieties are the varieties with the **Highest Protein** content for both the **FOOD** and **FEED** markets. **Lidea** is a Protein leader in Europe.



**N°1 Soybean portfolio & Seed Producer  
in Europe from VERY EARLY (000) to VERY  
LATE (II) for FOOD and FEED**

In order to develop Soybean in Europe, Lidea is an active member of the following soybean associations:





# SOYBEAN CERTIFIED SEEDS



## SEED CERTIFICATION STANDARDS

QUALITY CRITERIA	LEVEL
Germination	min 80%
Moisture	max 15%
Variety purity	min 99%
Specific purity	min 99%
Number of seeds other than soybean	max 5/kg
Number of sunflower seeds	max 2/kg
Number of invasive weed seeds	0
Inert materials other than broken kernels	max 0.3%
Seeds with presence of Diaporthe	max 15%

"For five years, the EURALIS cooperative has been developing a soybean supply chain for food. We supply French soyfood companies with soybeans that are 100% coming from certified seeds to ensure traceability, safety, and legality. Our soybean production area is in South-West of France, next to the Pyrenees and the Atlantic Ocean.



**Franck CAMET-LASSALLE**  
Supply Chain Manager,  
EURALIS Cereals

The warm but mild climate of this region is ideal for food soybean. We systematically irrigate all our fields to obtain optimal yield and quality (large kernels, high protein content, harvest of plants at the right maturity stage)."

**euralis**



Discover  
**ISOJALIM**

SOJALIM is an animal feed factory in South-West France owned by EURALIS Group (LIDEA Seeds) and SANDERS (AVRIL Group). Each year, 50,000 tons of non-GMO and local soybean (organic and non-organic) are mechanically triturerated to provide soymeal for the high quality local certified meat markets.

All the grains crushed are coming from the harvest of certified seeds to guarantee quality, traceability and respect of intellectual property.



**Arnaud CERVERA**  
General Manager,  
SOJALIM

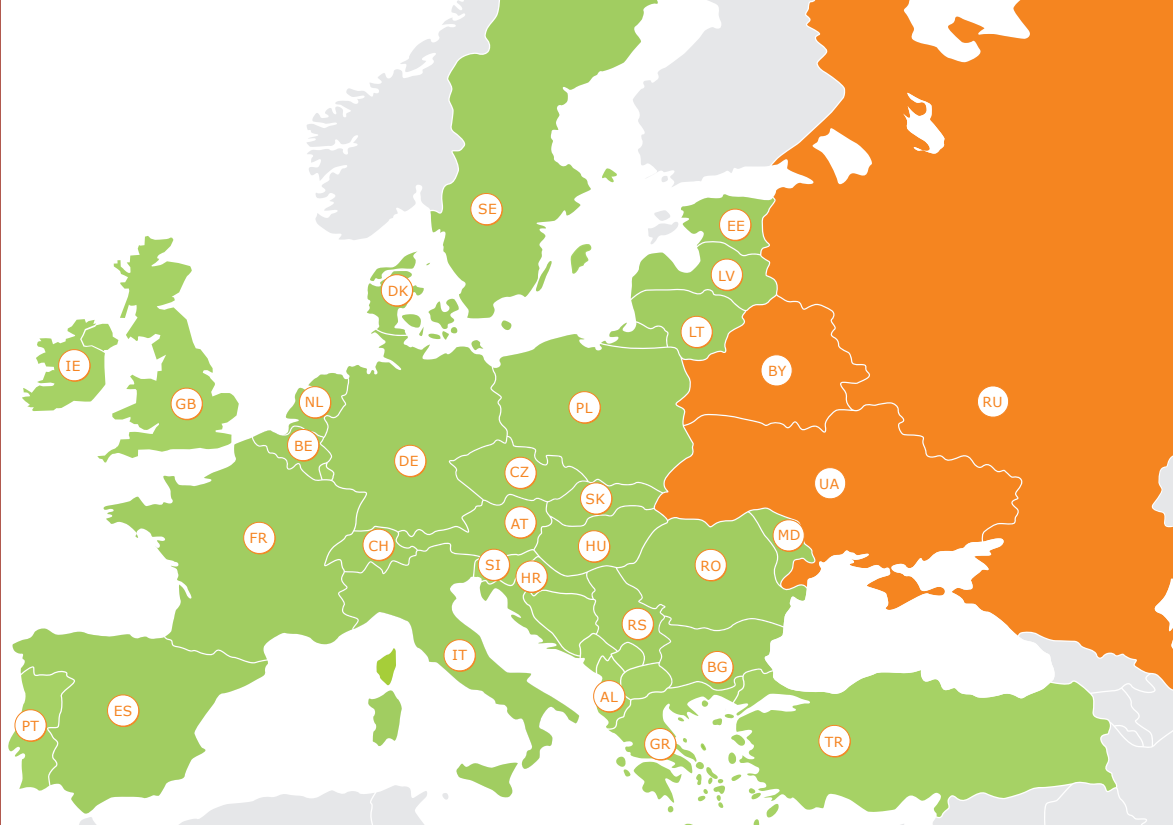
"We are part of a high-quality meat supply chain in which consumers demand non-GMO, local and sustainable soymeal. Certified seeds are the perfect answer to ensure non-GMO traceability from the farm to the fork!

The protein content, yield and genetic progress generated by these certified seeds are excellent and ensure sustainable development of the soybean crop in our region."





Lidea is a key player in the seed sector, operating across the entire value chain: research, production and sales. Lidea is present worldwide, mainly in Europe, with a diversified portfolio of crops.



#### FOR MORE INFORMATION



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