



Your safe partner

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ABOUT US

Axereal A French international group

Axereal, at a glance

Axereal is a leading agricultural and agri-food cooperative operating in France and internationally, growing cereals and specialised in the process for the malt, milling and livestock markets. **Our mission**: to add value to the agricultural production of our region's farmers by developing sustainable and competitive industries and by creating value throughout the agri-food chain, from producers to consumers.

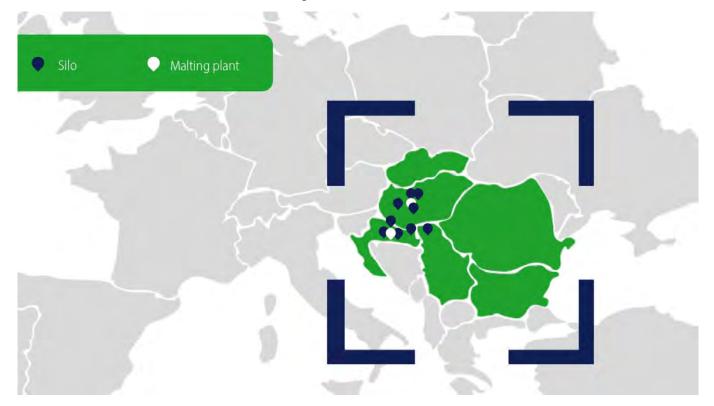
Our ambition: to contribute to the development of a quality food supply, by positioning ourselves as a major player in the agricultural transition.





Axereal Central Europe, ensuring quality and high yields for the partners

Axereal Central Europe was born in 2015 following the development of Axereal in the area. It covers 6 countries: Croatia, Hungary, Serbia, Romania, Bulgaria and Slovakia. With offices in each country, a seed multiplication farm, silos in Croatia, Hungary and Serbia, Axereal is well established in the local territory.



To satisfy the European cereal market needs, Axereal takes part in the entire grain chain.

From the selection and production of seeds to the selling of grain to agribusiness.

Our activities are based on customer needs production to offer appropriate seeds.

Each country of the zone is selling specific seeds, after being tested locally, to ensure quality and high yields for the partners.





Axereal Croatia

Axereal Croatia is part of a French group present in severeal countries

Axereal was established to meet the needs of Croatian farmers for quality seeds and a safe market for raw materials produced.

In 2015, Axereal Croatia was established in order to strengthen the existing technological-commercial team and expand the sale of quality certified seeds of highyielding varieties.





All varieties are produced or processed in Croatia

The main activities of our company are the production and sale of certified seeds of malting barley, feed barley, wheat and soybeans produced in a closed chain with favorable contractual conditions. After the contracted production, we buy products on market terms providing our farmers with a safe market.

For producers with whom we have contracted agricultural production, we can offer crop protection products, all types of fertilizers and the necessary consulting services.



MALTING BARLEY

Casanova

An early variety with stable yield and high protein content





- Early variety
- Two-row winter brewery barley
- High yield potential
- A plant of medium growth
- Large grain and high hectoliter
- High proportion of Class I grains



Agro-technical characteristics

- Resistance to lodging: application of growth regulators
- Intensive drilling
- Sowing norm: 350 400 germinating grains / m2
- Optimal sowing date: 1.-20. October
- Good resistance to winter temperatures



- Rhynchosporium: tolerant
- Leaf rust: moderately tolerant
- Mosaic virus: tolerant
- Helmintosporium: moderately tolerant



- Malt of very good qualities
- High extract content
- Favorable protein content in malt



MALTING BARLEY

Calypso

New genetics of winter malting barley



- Medium late variety
- Two-row winter brewery barley
- High yield potential
- A plant of medium growth
- Large grain
- Good wintering



- Resistance to lodging: application of growth regulators
- Intensive drilling
- Sowing norm: 350 400 germinating grains / m2
- Optimal sowing date: 1.-20. October
- It is recommended to avoid corn as a pre-crop due to potential Fusarium infection (high DON)



- Rhynchosporium: tolerant
- Leaf rust: moderately tolerant
- Mosaic virus: tolerant
- Helmintosporium: moderately tolerant



- Good malt properties
- Low protein content







MALTING BARLEY

Dominus

Malting barley adapted to domestic cultivation area





- Early variety
- Two-row winter brewery barley
- High yield potential
- A plant of medium growth
- Large grain and high hectoliter
- High proportion of Class I grains



- Resistance to lodging: application of growth regulators
- Intensive drilling
- Sowing norm: 350 400 germinating grains / m2
- Optimal sowing date: 1.-20. October
- Good resistance to winter temperatures



- Rhynchosporium: tolerant
- Leaf rust: moderately tolerant
- Mosaic virus: tolerant
- Helmintosporium: moderately tolerant



- Malt of very good qualities
- High extract content
- Favorable protein content in malt

AXEREAL

MALTING BARLEY

Planet

The leading European variety of spring barley, with outstanding malting properties







- Medium early variety
- Optional brewing barley
- Outstanding yield potential
- A plant of medium growth
- Excellent tolerance to plant diseases
- Accepted varieties of malt and brewery



- Excellent resistance to lying down:
- Intensive drilling
- Sowing norm: 350 400 germinating grains / m2
- Sowing time:
 in the autumn

- in the autumn term, the last decade of October and the first decade of November,

- in the spring term end of February and beginning of March

• Excellent stability



- Rhynchosporium: tolerant
- Leaf rust: moderately tolerant
- Powdery mildew: moderately tolerant
- Helmintosporium: moderately tolerant



- Malt of excellent quality
- Low protein content
- Good calibration

νI





MALTING BARLEY

Laureate

The most productive barley among brewers





- Medium early variety
- Two-row optional brewing barley
- A low-growing plant
- Good tolerance to lying down
- High proportion of Class I grains



- Sowing norm: 350 400 germinating grains / m2
- Sowing time:
- in the autumn term, the last decade of October and the first decade of November,
- - in the spring term, February
- It easily adapts to different types of soil



- Powdery mildew: moderately tolerant
- Halminthosporium: moderately sensitive



- Malt suitable for beer and whiskey production
- Low protein content
- Good calibration



FEED BARLEY

Etincel

High-yield winter barley!





Variety properties

- Medium early variety
- Winter multi-row barley
- Very high fertility
- A plant of medium growth
- High tolerance to leaf and stem diseases



- Very intense drilling
- Sowing norm: 350 420 germinating grains / m2
- Sowing time: depending on soil type, optimally mid-October
- (avoid premature sowing)
- It tolerates winter very well
- It is adapted to different soil types
- Good stability
- Recommendation for the application of growth regulators in intensive production



Disease resistance

- Rhynchosporium: tolerant
- Leaf rust: moderately tolerant
- Powdery mildew: moderately tolerant
- Helmintosporium: moderately tolerant



- High specific weight
- Medium high protein content



New wheat of top yield!



- New winter wheat of the highest yield
- Good adaptability to different soils and climatic conditions
- High hectolitre
- High yield potential over 10 t / ha



Agro-technical characteristics

- Medium early winter wheat
- Sowing norm: 450 500 germinating grains / m2
- Height: low to medium high
 (80 am)
- (80 cm)
- Ear type: with awns
- Good wintering



- Good wintering
- Very good tolerance to yellow rust and septoria



- A2-B1 quality
- Protein:> 12.5%
- Wet gluten: 26 27%
- Specific gravity: high









WHEAT

Ortolan





Variety properties

- Medium early variety
- Spring wheat with high production potential and stable yields
- Variety with intense tillering
- The weight of 1,000 grains is about 48-49 g



- Recommended sowing date: from 25 September to 25 October
- Sowing norm: 420 470 germinating grains / m2
- Height: Low
- Ear type: with awns



Disease resistance

- Powdery mildew: moderately • tolerant
- Fusarium: moderately tolerant
- Septoria: moderately tolerant
- Yellow rust: tolerant



- Protein: 12.7%
- Wet gluten: 27%
- Hectolitre weight: 87 kg / hl



WHEAT



- Winter wheat of the highest yield
- Medium early variety
- It is characterized by a very large grain
- Sensitive to the active substance Chlorotoluron



- Recommended sowing date: October 10 - 20
- Sowing norm: 450 500 germinating grains / m2
- Height: Low to medium high
- Ear type: with awns



Disease resistance

- Resistance to lodging: resistant variety
- Powdery mildew: moderately tolerant
- Fusarium: moderately tolerant
- Septoria: moderately tolerant
- Yellow rust: tolerant
- Brown rust: tolerant



- W: 200
- P/L: 0,8



- B1 quality
- Protein: 12.5 13%
- Wet gluten: 25 30%
- Hectolitre: 75 77 kg / hl

Rubisko

Precious wheat of record yields!







WHEAT

Cellule

A high-yielding variety that fills your silos!





- Winter wheat of high yield potential
- Medium early variety
- Adaptable to different soil types
- Good wintering



- Recommended sowing date: October 10-25
- Sowing norm: 450 germinating grains / m2
- Height: Medium height
- Ear type: with awns



- Resistance to lodging: resistant variety
- Powdery mildew: moderately tolerant
- Fusarium: moderately tolerant
- Septoria: moderately tolerant
- Yellow rust: tolerant



- W: 180 220
- P/L: 1,0 2,0



- A2 B1 quality
- Protein: 13%
- Wet gluten: 30 33%
- Hectolitre: 81 kg / hl



WHEAT

Basilio

The yield of pride!



- Winter wheat
- Very early variety
- It adapts well to different climate and soil conditions
- Variety of recognizable mill properties
- Good wintering



- Recommended sowing date: by the end of October
- Sowing norm: 430 480 germinating grains / m2
- Height: Low to medium high
- Ear type: with awns



- Resistance to lodging: resistant variety
- Powdery mildew: tolerant
- Fusarium: tolerant
- Septoria: tolerant
- Yellow rust: tolerant



- W: < 200
- P/L: 0,45 0,5



- A2 B1 quality
- Protein: 12.5 13.5%
- Wet gluten: 28 30%
- Hectolitre: 83 84 kg / hl







WHEAT

Providence

Intensive variety for high yields



Results experiment 2021				
Providence	Nova Gradiška			
Yields (t/ha)	10,92			
Yields (t/ha)	10,92			



- Early variety
- High yields 9 11 t / ha
- The weight of 1,000 grains is about 47 48 g



- Recommended sowing date: September 25 to October 20
- Sowing norm: 200 220 kg / ha
- Height: High, the use of growth regulators is recommended
- Ear type: with awns



- Powdery mildew: moderately tolerant
- Fusarium: moderately tolerant
- Septoria: moderately tolerant
- Yellow rust: moderately tolerant



• W:240 - 260

• P/L:0,6 - 0,8



- Protein: 12.5%
- Wet gluten: 26-27%
- Hectolitre mass: 79 80 kg / hl



WHEAT

Winner



- Winter wheat with good production potential
- Medium early variety
- Very good overwintering
- The weight of 1,000 grains is about 47-48 g



- Recommended sowing date: Until September 25 to October 25
- Sowing norm: 190-210 germinating grains / m2
- Height: Low
- Ear type: with awns



- Powdery mildew: Medium tolerant
- Fusarium: moderately tolerant
- Septoria: moderately tolerant
- Yellow rust: moderately tolerant



Alveographic parameters

- W: 210
- P/L: 0.9



- Protein: 12%
- Wet gluten: 26-27%

AXEREA

• Hectolitre: 81 kgl hl



Results experiment 2021.					
Winner	Nova Gradiška				
Yields (t/ha)	10,31				



SOYBEAN

Lissabon



Variety properties

- Very early variety (Group 000)
- Variety of high potential of prios in lateral harvest
- Fast germination even in dry farming conditions
- Irrigation allows for good competitiveness
- Irrigation allows for increased yields
- Time of full ripening of the side crop: from the end of September to the beginning of October



- Optimal sowing date: by mid-June in dry farming, by June 25 in irrigation conditions
- Recommended sowing density:
- 70 75 germinating grains / m2 in dry farming
- 60 65 germinating grains / m2 under irrigation conditions
- Plant height: medium
- Hilum color: bright
- Flower color: purple
- Stem overgrown with yellow hairs



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant

Characteristics

- Protein: 38 40 %
- Oil: 19 21 %

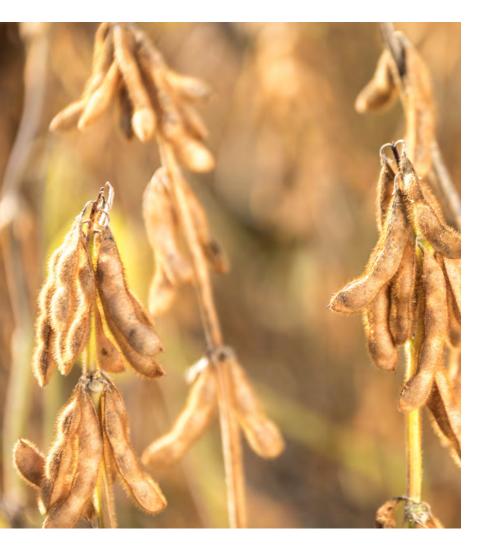
AXEREAL SCROATIA The ideal combination of early maturity, stability and high yield



SOYBEAN

ES Mentor

ES Mentor is one of the most sought after varieties in Europe due to the excellent ratio of vegetation length and yields achieved. It is characterized by a low, very strong stem which makes it extremely resistant to lodging.





Variety properties

- Early variety (Group 00)
- Excellent height of the first floor of the pod
- Plant height: medium
- Hilum color: bright
- Hair color: brown
- Semi-determinant variety
- Coarse grain the weight of 1000 grains is about 240 g



- Recommended sowing date: By May 20. in dry farming , until end of May under irrigation conditions
- Recommended sowing density:
- 65 70 grains / m2
- Irrigation allows
- increase in yield
- Strong central tree without lateral branches
- Recommended row spacing 15 -45 cm
- Sensitive to the active substance metribuzin



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant



- Protein: 39 40 %
- Oil: 21 22 %

Results of the 2020 experiment						
ES Mentor	Nova Gradiška	Kutina	Vinkovc	i	Velika Gorica	Veliki Gra đ evac
Yields (t/ha)	4,68	3,56	4,80		4,18	3,11





A variety that with its production potential enables high yields, and with its ripening time to harvest in the optimal time



- Early variety (Group 00)
- Excellent production potential

Variety properties

- Stable yields
- GMO free



- A plant of medium height
- Optimal sowing time: April 20
- Recommendation for sowing: 50 -55 grains / m2



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant



- Protein: 39 41 %
- Oil: 21 22 %







SOYBEAN



Variety properties

- Early variety (Group 0)
- High-yielding variety with a potential over 5 t / ha
- Excellent lodging tolerance
- Coarse grain weight of 1000 grains is 220 g
- High in protein and oil



- Highly positioned first floor of the pod
- A plant of lower growth
- Hilum color: dark brown
- Optimal sowing time: until mid-May
- Sowing recommendation: 4 s.j./ha
- Due to the weaker lateral branching, sowing is possible in a narrower row spacing of 25 to 45 cm
- The variety is slightly sensitive to the herbicide with the active substance pendimethalin



- Good tolerance to major diseases
- Observe the crop rotation to avoid common diseases in sunflower, soybean and rapeseed



- Protein: 39 40 %
- Oil: 21 22 %

ES Advisor

The most productive variety in its vegetation group



Results of the 2020 experiment						
ES Advisor Nova Gradiška Velika Gorica Veliki Gređevac						
Yields (t/ha)	4,73	4,30	3,70			





SOYBEAN

ES Tribor

Leader in production





Variety properties

- Early variety (Group 0) of high productivity
- High protein variety
- Semi-determinant variety
- Coarse grain the weight of 1000 grains is about 212 g



- Optimal sowing date: by the end of April
- Recommended sowing density:
- - 55 60 germinating grains / m2 in dry farming
- - 40 50 germinating grains / m2 under irrigation conditions
- Row spacing: 50 cm
- Moderate sensitivity to the active substance pendimethalin
- Plant height: medium
- Hilum color: brown



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant
- Observe the crop rotation to avoid common diseases in sunflower, soybean and rapeseed



- Protein: 40 42 %
- Oil: 21 22 %

Results of the 2020 experiment						
ES Mentor	Nova Gradiška	Kutina		Vinkovci	Velika Gorica	Veliki Gra đ evac
Yields (t/ha)	5,76	4,83		5,37	4,60	4,96



SOYBEAN



- Medium late variety Group I
- Variety of high yield potential
- The weight of 1000 grains is from 170 to 180 g
- Uniform ripening for a quick and easy harvest



- Optimal sowing date: until April 20
- Recommended sowing density: 45 -50 germinating grains / m2
- Thanks to its robustness, it can be sown at a row spacing of 50 to 70 cm
- Plant height: medium to high
- Hilum color: brown



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant



- Protein: 41 %
- Oil: 21 22 %



The queen among strains









SOYBEAN

ES Mediator



Variety properties

- Medium late variety (Group I)
- Variety of high yield potential over 5.5 t / ha
- The weight of 1,000 grains is from 180 to 190 g
- Uniform ripening for a quick and easy harvest
- Robust plant quickly closes the inter-row space



- Optimal sowing date: until April 20
- Recommended sowing density: 45
- - 50 germinating grains / m2
- Thanks to its robustness, it can be sown at a row spacing of 50 to 70 cm
- Plant height: 95-105 cm
- The medium-sized variety is sensitive to the active substance metribuzin
- Excellent tolerance to pod cracking



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant



- Protein: 40 42 %
- Oil: 21 %



The new winner





SOYBEAN

ES Pallador

Variety with the highest yields in production



Variety properties

- Medium late variety (Group I)
- The most productive variety in its category
- Spear-shaped leaves: exceptional tolerance to drought conditions
- The first pod up to 18 cm in heightExcellent lateral branching
- potential





- Optimal sowing date: until April 20
- Excellent vigor of the plant
- Recommended sowing density:
- 50 656 germinating grains / m2 in dry farming
- - 39 44 germinating grains / m2 under irrigation conditions
- Plant height: medium high
- Flower color: purple
- Hilum color: dark brown
- Stem overgrown with light hairs



- Phytophthora blight: tolerant
- White rot: tolerant
- Bacteriosis: tolerant
- Lying down: tolerant



- Protein: 41 %
- Oil: 21 22 %

Results of the 2020 experiment					
ES Mentor	Nova Gradiška	Babina Greda	Vinkovci	Velika Gorica	Silaš
Yields (t/ha)	5,37	4,80	4,61	4,41	4,10



FOLIAR FERTILIZER

Starter

PHOSPHORUS-NITROGEN-MAGNESIUM

Crop fertilizer biostimulator and soil activator, improves mineral availability.

A mineral complex that helps in rooting crops and stimulates plant growth.





Chemical composition

- 3.5% Nitrogen soluble in water (50 g / L)
- + 29.5% Phosphorus P_2O_5 soluble in water (420 g / L)
- 7% Magnesium MgO- soluble in water (100 g / L)



Dosage and safety measures

- Cereals: 31 / ha from the beginning of drilling (GS12-16) to the beginning of the weeding phase (GS31)
- Oilseed rape: 3I / ha in phase 3-4 of straight leaves or in phase of intensive growth to bud stage
- Peas, soybeans: 3 I / ha in the phase of 4-6 true leaves until the beginning of flowering
- Maize: 31 / ha from phase 4-10 leaves
- Treat during growth, avoiding the hottest hours of the day
- Recommended use of 150 liters of water per hectare



- Improves mineral uptake through leaves
- It converts mineral complexes into organic form and improves their transfer to the target site
- Stimulates stem and leaf growth
- Helps in germination
- Enhances the effect of foliar fertilization
- Increases the plant's resistance to water stress
- Activates photosynthesis
- Stimulates root development



Compatibility

- Starter is compatible with many plant protection products
- Perform physicochemical and biological tests before each use



FOLIAR FERTILIZER

Proléo



Chemical composition

- 8% Boron soluble in water (100 g / L)
- 0.64% Molybdenum soluble in water (10 g / L)



Dosage and safety measures

- Oilseed rape: 2.5 I / ha from phase 3-4 of straight leaves or at the beginning of vegetation until buds appear
- Soybeans and peas: 2 treatments of 1.5
 I at the stage of 8 10 cm and at the
 beginning of the appearance of
 flowers, or 2.5 I at the stage of 4 6
 leaves at the beginning of flowering
- Sunflower: 2 I / ha in sowing or foliar to the bud stage
- Alfalfa: 2 I / ha from the 10 cm phase and after mowing
- Sugar beet: 2.5 I / ha in the phase of 8-10 leaves



Compatibility

- Proleo is compatible with many plant protection products
- Perform physicochemical and biological tests before each use
- Proleo formula ensures faster penetration of trace elements through the cuticle, it is necessary to respect the conditions of application





- Improves mineral uptake through leaves
- It converts mineral complexes into organic form and improves their transmission to the target site
- Stimulates stem and leaf growth
- Helps in germination
- Enhances the effect of foliar fertilization
- Increases the plant's resistance to water stress
- Activates photosynthesis
- Stimulates root development





FOLIAR FERTILIZER

Valor K+

K₂O-NITROGEN-SO₃

Crop fertilizer biostimulator and soil activator, improves mineral availability.



- 8.7% Nitrogen 120 g / L in ammonium form
- 6.3% Potassium oxide K₂O 86 g/L in the form of sulphate
- 59% sulfur trioxide SO3 800 g/L in thiosulfate form





Dosage and safety measures

- Cereals: 5 I / ha from the end of the wilting phase (GS35) to the end of flowering
- (GS65)
- Rapeseed: 31 / ha with repetitions, depending on the condition of the crop, from the beginning of stem elongation to the bud stage
- Treat during growth, avoiding the hottest hours of the day
- Recommended use of 150 liters of water per hectare



- Improves mineral uptake through leaves
- It converts mineral complexes into organic form and improves their transfer to the target site
- Stimulates stem and leaf growth
- Helps in germination
- Enhances the effect of foliar fertilization
- Increases the plant's resistance to water stress
- Activates photosynthesis
- Stimulates root development



Compatibility

- Valor K + is compatible with many plant protection products
- Perform physicochemical and biological tests before each use



LOC'AX Multi 3

Loc'AX multi 3 meets the needs of different plant species, contains nutrients needed by young plants, which are not otherwise in available form (nitrogen, phosphorus, sulfur, trace elements).





Chemical composition

- 12 % N2
- 41 % P2O5
- 2\$MgO
- 5 % SO3
- 0,08 % Cu
- 1% Mn
- 0M2 % Zn



Physiological effect on the plant

AXEREAL

- Better phosphorus utilization
- Faster root development
- Stronger development of the root system
- Increases the availability of phosphorus
- Uniform germination
- Improved nutrient utilization potential

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OUR FIELD DAYS



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