

A>KEREAL
>CROATIA



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Production and multiplication of seeds



All production and multiplication of seeds takes place in Croatia.

Axereal's team of experts is working on the development of a new assortment by selecting varieties that are most suitable for our agro-climatic conditions. Through several years of testing new varieties, they are gradually introduced into the seed production program and after that the varieties are placed on the market.

In recent years, we have been making additional efforts to improve seed quality.

The seeds are refined with an optical cleaner, and in this way, highly refined seeds are obtained, with a high percentage of germination and purity. After cleaning, the seeds are treated with nodule bacteria, which later in the soil results in a more efficient development of nodules on the soybean root for better fixation of atmospheric nitrogen. This technology is known as N-MAX technology.



Cover
Crop

Lissabon

The ideal combination of early maturity,
stability and high yield !



Variety characteristics

- Very early variety (Group 000)
- Cover crop with high yield potential
- Fast germination even in dry farming conditions
- Irrigation enables good competitiveness and increased yields
- Plant height: medium
- Hilum color: yellow
- Flower color: violet
- The stem is overgrown with yellow hairs



Quality characteristics

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



Agro-tehnickal characteristics

- Optimal sowing date: until mid-June in dry farming; until June 25 in irrigation conditions
- Recommended sowing density:
 - 70 -75 grains/m² in dry farming
 - 60 - 65 grains/m² in irrigation conditions
- Time of full ripening of cover crop: from the end of September until the beginning of October



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia: tolerant
- Bacteriosis: tolerant



Cover
Crop

ES Comandor

The ideal combination of early maturity, stability and high yield !



Variety characteristics

- Very early variety (Group 000)
- Cover crop with high yield potential
- The variety is sensitive to the active substance pendimethalin
- Plant height: low
- Hilum color: yellow
- Flower color: violet
- High pod shattering tolerance



Quality characteristics

- Protein content: 40- 42 %
- Oil content: 19 - 21 %



Agro-tehnickal characteristics

- Optimal sowing date: until mid-June in dry farming; until June 25 in irrigation conditions
- Recommended sowing density:
 - 70 -75 grains/m² in dry farming
 - 60 - 65 grains/m² in irrigation conditions



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



Cover
Crop

Aurelina

New variety with high protein content !



Variety characteristics

- Very early variety (Group 000)
- Variety with high yield potential
- Plant height: medium to high
- Hilum color: yellow
- Flower color: violet
- 1st pod height: 12 cm
- Thousand Kernel Weight: 178 g



Quality characteristics

- Protein content: 40 - 43 %
- Oil content: 18 - 20 %



Agro-tehnickal characteristics

- Optimal sowing date: mid-June
- Recommended sowing density: 60 -70 grains/m²
- Distance between rows: 25 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



Cover
Crop

Alvesta

New high-yielding variety !



Variety characteristics

- Early variety (Group 00)
- Variety with high yield potential
- Plant height: high
- Hilum color: yellow
- Flower color: violet
- 1st pod height: 12 cm
- Thousand Kernel Weight: 178 g



Quality characteristics

- Protein content: 40 - 43 %
- Oil content: 18 - 20 %



Agro-tehnickal characteristics

- Optimal sowing date: mid-June
- Recommended sowing density: 60 -65 grains/m²
- Distance between rows: 25 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia tolerant
- Bacteriosis: tolerant



ES Mentor

Elite variety for elite yields !



Variety characteristics

- Early variety (Group 00)
- Excellent height of first pod
- Plant height: low
- Hilum color: yellow
- Flower color: violet
- Hair color: tawny
- Type of growth: semi-determinated
- Thousand Kernel Weight: 240 g
- The variety is sensitive to the active substance metribuzin



Agro-tehnickal characteristics

- Optimal sowing date: by May 20 in dry farming; until the end of May in irrigation conditions
- Recommended sowing density: 60 -65 grains/m²
- Distance between rows 25 cm
- Irrigation enables the higher yield potential
- A strong central tree without side branches



Quality characteristics

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



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



NEW

ES Albator

Sorta koja jamči visok sadržaj proteina !



Variety characteristics

- Early variety (Group 00)
- Plant height: low
- Hilum color: yellow
- Flower color: violet
- Hair color: tawny
- Type of growth: semi-determinated
- Thousand Kernel Weight: 203g
- The variety is sensitive to the active substance metribuzin



Agro-technical characteristics

- Optimal sowing date: by May 20 in dry farming; until the end of May in irrigation conditions
- Recommended sowing density: 60 -65 grains/m²
- Distance between rows: 25 cm
- Irrigation enables the higher yield potential



Quality characteristics

- Protein content: 42 %
- Oil content: 20 - 21 %



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



Betty

A variety that, with its production potential, enables high yields, and due to the time of ripening, harvest at the optimal time !



Variety characteristics

- Early variety (Group 00)
- Variety with excellent production potential
- Plant height: medium
- Hilum color: yellow
- Flower color: violet



Quality characteristics

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



Agro-technical characteristics

- Optimal sowing date: from April 20 until May 20
- Recommended sowing density: 50 - 55 grains/m²
- Distance between rows: 25 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



ES Advisor

The most productive variety in its vegetation group !



Variety characteristics

- Early variety (Group 0)
- A high-yielding variety with a yield potential of over 5 t/ha
- Plant height: low
- 1st pod height: 11,9 cm
- Hilum color: dark brown
- Flower color: violet
- Thousand Kernel Weight: 220 g
- Good lodging tolerance
- Good pod shattering tolerance



Quality characteristics

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



Agro-technical characteristics

- Optimal sowing date: from April 20 until May 10
- Recommended sowing density: 55 -60 grains/m²
- Distance between rows: 25 - 50 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant
- Adhere to crop rotation to avoid common diseases in sunflower, soybean and rapeseed



ES Tribor

Leader in production !



Variety characteristics

- Early variety (Group 0)
- High productivity variety
- Plant height: 85 cm
- Hilum color: dark brown
- Flower color: violet
- Type of Growth: semi-determinated
- 1st pod height: 12,9 cm
- Thousand Kernel Weight: 212 g
- The variety is moderately sensitive to the active substance pendimethalin



Quality characteristics

- Protein content: 40 - 43 %
- Oil content 21 - 22 %



Agro-tehnickal characteristics

- Optimal sowing date: by the end of April
- Recommended sowing density:
 - 55 -60 grains/m² in dry farming
 - 40 - 50 grains/m² in irrigation conditions
- Distance between rows: 25 - 50 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia: tolerant
- Bacteriosis: tolerant



Avril

Queen among soybeans !



Variety characteristics

- Medium late variety (Group I)
- Variety with high yield potential
- Plant height: medium to high
- Hilum color: brown
- Flower color: violet
- Thousand Kernel Weight: 170 - 180 g



Quality characteristics

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



Agro-tehnickal characteristics

- Optimal sowing date : by the end of April
- Recommended sowing density: 45 -50 grains/m²
- Thanks to its robustness, it can be sown at an inter-row distance of 50 cm



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotnia: tolerant
- Bacteriosis: tolerant



ES Pallador

The variety with the highest yields in production !



Variety characteristics

- Medium late variety (Group I)
- Variety with high yield potential
- Plant height: medium to high
- Hilum color: dark brown
- Flower color: violet
- 1st pod height: up to 18 cm
- Excellent lateral branching potential
- Leaf shape: lanceolate - exceptional tolerance to drought conditions



Quality characteristics

- Protein content: 41 - 43 %
- Oil content: 21 - 22 %



Agro-technical characteristics

- Optimal sowing date: until April 20
- Recommended sowing density:
 - 45 - 50 grains/m² in dry farming
 - 39 - 44 grains/m² in irrigation conditions
- Distance between rows: 50 - 70 cm
- Excellent plant vigor



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia: tolerant
- Bacteriosis: tolerant



NEW

ES Mediator

The new winner among soybeans !



Variety characteristics

- Medium late variety (Group I)
- Variety with high yield potential over 5,5 t/ha
- Plant height: medium
- Hilum color: black
- Flower color: violet
- 1st pod height: 14,3 cm
- Good pod shattering tolerance



Quality characteristics

- Protein content: 40 - 42 %
- Oil content: 20 - 22 %



Agro-tehnickal characteristics

- Optimal sowing date: until April 20
- Recommended sowing density: 50 -55 grains/m²
- Distance between rows: 50 - 60 cm
- Uniform ripening for quick and easy harvesting
- Robust plant - quickly closes the inter-row space



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia: tolerant
- Bacteriosis: tolerant



NEW

ES Conqueror

A new variety that ensures excellent yields !



Variety characteristics

- Medium late variety (Group I)
- Variety with high-yielding potential
- Plant height: low
- Hilum color: black
- Flower color: violet
- 1st pod height: 14,3 cm
- Good pod shattering tolerance
- Thousand Kernel Weight: 208 g



Quality characteristics

- Protein content: 42,6 %
- Oil content: 20 - 22 %



Agro-technical characteristics

- Optimal sowing date: until April 20
- Recommended sowing density: 50 -55 grains/m²
- Distance between rows: 50 - 60 cm
- Uniform ripening for quick and easy harvesting



Diseases tolerances

- Phytophthora blight: tolerant
- Sclerotinia tolerant
- Bacteriosis: tolerant



Field days



Trail plots results

ES MENTOR (00)

LOCATION	YIELD (kg/ha)
Lijeva Martinska Ves	2.942
Nova Gradiška	2.659

ES CONQUEROR (I)

LOCATION	YIELD (kg/ha)
Zvonimirovac	3.434
Bokšić	3.142
Nova Gradiška	4.654

ES ADVISOR (0)

LOCATION	YIELD (kg/ha)
Lijeva Martinska Ves	3.830
Zvonimirovac	3.001
Vaška	4.904
Sveti Đurađ	3.198
Drenovac	2.937
Nova Gradiška	2.792

ES MEDIATOR (I)

LOCATION	YIELD (kg/ha)
Zvonimirovac	3.210
Vaška	3.961
Kutovi	3.500
Bokšić	3.461
Sveti Đurađ	3.997
Drenovci	3.812
Nova Gradiška	4.122

ES TRIBOR (0)

LOCATION	YIELD (kg/ha)
Zvonimirovac	3.001
Vaška	4.476
Bokšić	3.290
Sveti Đurađ	4.672
Drenovci	3.375
Nova Gradiška	3.723

ES PALLADOR (I)

LOCATION	YIELD (kg/ha)
Zvonimirovac	3.547
Vaška	3.657
Kutovi	3.275
Bokšić	3.589
Drenovci	3.812
Nova Gradiška	3.590





STARTER

N - 3,5 %, P₂O₅ - 29,5 % + MgO - 7 %

Foliar fertilizer based on phosphorus and magnesium. Biostimulator for feeding crop and soil activator, improves mineral availability.

PROLEO

B - 8 %, Mo - 0,64 %

Fertilizer for feeding plants that improves insemination, formation and vitality of nodules - nitrogen fixers and the accumulation of sugar and oil.

VALOR K+

N - 8,7 %, K₂O - 6,3 %, SO₃ - 59 %

Fertilizer which enables the addition of nutrients to the plant with a targeted effect on increasing the yield in the phase when the plants are most sensitive to the addition of nitrogen.

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