AXEREAL SLOVAKIA

2021

Content

ABOUT US

Axereal
A French international group

Axereal, at a glance

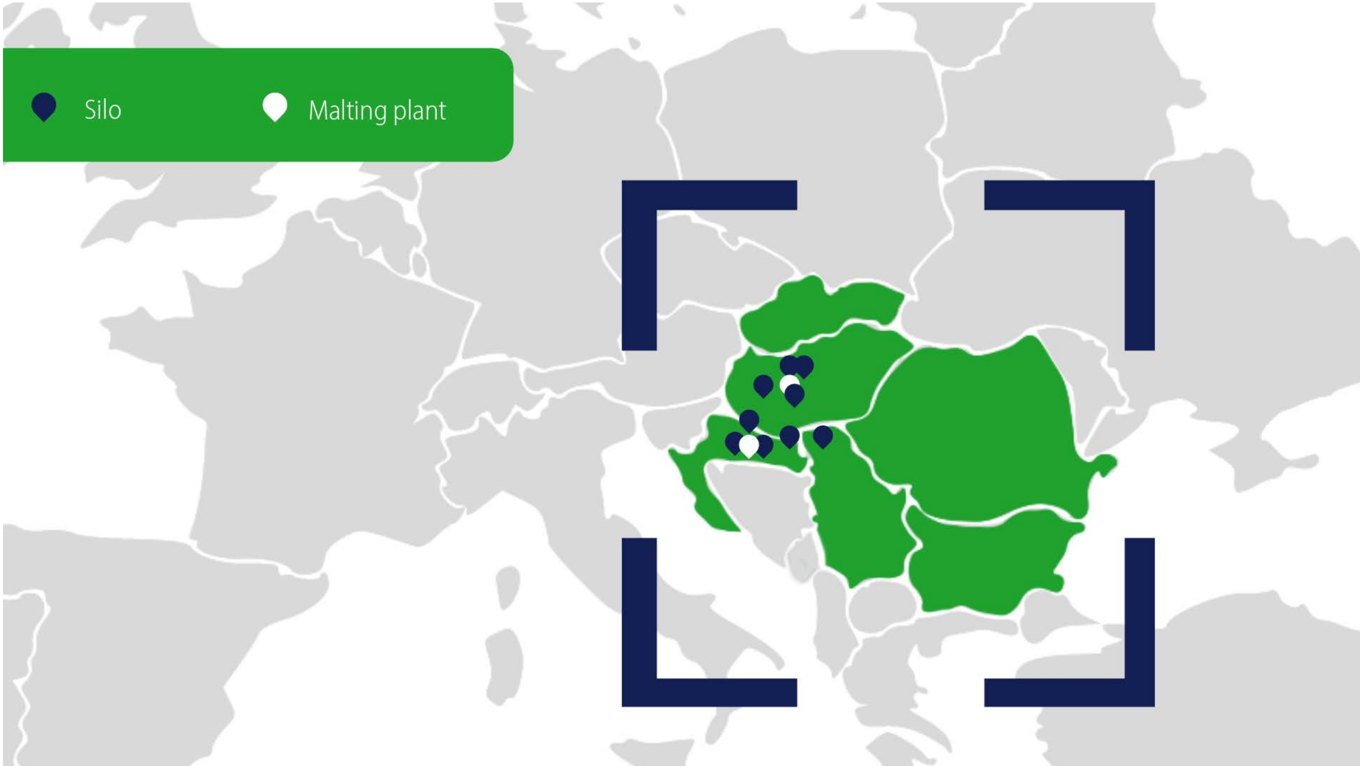
Axereal is a leading agricultural and agri-food cooperative operating in France and internationally, growing cereals and specialised in the process for the malt, milling and livestock markets.

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 Slovakia is born in 2019 following the development of Axereal in the zone.

As one of the members of the group, it leverages the expertise and innovative approach of research institutes to provide unique solutions for agricultural practice in field crop production.
Its main objective is to implement cutting-edge field crop varieties and unique fertilizers.
Axereal Slovakia is involved in input supply and consultancy activities in various cultivation technologies and in the targeted cultivation of selected crops for the best processing plants within the European area.
Its aim is to make itself visible on the European market and thus support growers with quality crops.
It provides targeted cultivation of soft and durum wheat, feed barley, malting barley, waxy corn and soybeans for its seed factories and partner companies.

We offer our partners quality seeds...

...from the leading French breeder Florimond Desprez, who has earned a good reputation for his wheat varieties.
Thanks to its capabilities, the Axereal Group is able to buy and grow the grain of its partners, relying on financial stability, fair and competitive pricing, competitive pricing and competitive logistic, whether by truck, train or ship.

High-yielding wheat, beats even hybrids in the field

Advantages

Extra yield potential 9-12t/ha
High plasticity
Very adaptable to different soil and climatic conditions
High N content
Stable food quality
Very early variety

Agronomic properties

Optimal sowing 15.9. - 15.10.
Yield : depending on sowing date
3.6-4.2 million germinating seeds/ha
Reproduction: excellent
Hardiness: good
Pollination: good
No need to shorten stalk
height 70-75 cm
Maturing : very early
Ears: spurred

Quality

N substances: above 12,5%
Gluten: 26-27%
Fall number: over 370 s
Zeleny test : 48-54 ml
Bulk density 810 g/l

Alveographic quality

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

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: resistant
Septoria: resistant

High yield, lower nutritional requirements

Advantages

Excellent yield potential 9-12t/ha
Good plasticity for all production areas
Resistant to the active ingredient chlortoluron
Responds well to low nitrogen rates

Agronomic properties

Optimal sowing 15.9. - 15.10.
Yield : 3.6-4.2 million germinated grains/ha (180-220kg/ha)
Reproduction: good
Hardiness : good
Plant height: medium
Pollination : good
Maturing: medium early
Ears: spiny

Quality

N substances: above 12,5%
Gluten: 26-27%
Fall number: over 370 s
Zeleny test : 48-54 ml
Bulk density 810 g/l

Alveographic quality

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

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: resistant
Septoria: resistant

The most widely used biscuit wheat in Western Europe

Advantage

High yield even in the driest years
8-10t/ha
Excellent lodging resistance
High bulk density
Intensive propagation

Agronomic properties

Optimum sowing : 15.9. - 15.10.
Yield: 4-4.2 million germinated grains/ha
Reproduction: excellent
Hardiness: good
Plant height: medium
Lodging: medium
Maturing: medium late
Ear: spurred

Quality

N substances: above 11,5-12,5%
Fall number: over 260 s
Zeleny test: 25-40 ml
Bulk density 790-800g/l

Alveographic quality

W 190-230
P/L 0,7-1,3

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: moderately resistant

High-yield elite wheat

Advantages

Medium early
Above average yield 9-12t/ha
High bulk density
Stable food grade E

Agronomic properties

Optimal sowing 15.9. - 15.10.
Yield: 3,6-4,2 mil germinated grains/ha
Reproduction: very good
Hardiness: excellent
Plant height: medium
Lodging: medium
Responds well to intensity
Ears: spiny

Quality

N substances: above 12,5-14%
Fall number: above 370 s
Zeleny test: 50-55 ml
Bulk density: above 800 g/l

Alveographic quality

W 270
P/L 0,9-1,1

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: resistant
Septoria: resistant

High yield and good health

Advantages

Early variety
High yield 9-11t/ha
High bulk density
Excellent health

Agronomic properties

Sowing 20.9. - 20.10.
Yield: 3.2-4 million
Reproduction: excellent
Hardiness: excellent
Lodging: medium
Medium: high
Ears: spurred

Quality

N substances above 12,5-13%
Fall number: 380 s
Zeleny test 45-55 ml
Bulk density over 790-800 g/l

Alveographic quality

W 170-190
P/L 1,0-1,9

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: very resistant
Septoria: very resistant

AXEREAL SLOVAKIA

ORTOLAN

Variety reliable in yield under different intensity conditions

Advantages

High plasticity variety for all conditions
Excellent lodging resistance
High yield 9-12t

Agronomic properties

Optimal sowing 20.9. - 30.10.
Yield 3,8-4,2 mil germinated grains/ha
Reproduction: excellent
Hardiness: excellent
Plant height: low
Lodging: poor
Maturing: early
Ear: spurred

Quality

N substances above 12,7%
Fall number above 370 s
Zeleny test 50-52 ml
Bulk density above 780 g/l

Alveographic quality

W : 250
P/L 0,3-0,6

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: resistant
Septoria: moderately resistant

PROVIDENCE

An intensive variety for high yields

Advantages

High yields 9-11t
High grain bulk density
Early variety
High yield of rhizomes
Suitable for intensive conditions

Agronomic properties

Optimal sowing 25.9.- 20.10.
Yield 3.8-4.2 mil germinated grains/ha
Reproduction: good
Hardiness: good
Plant height: medium
Lodging: medium
Maturing: medium early
Ears: spurred

Quality

N substances: 12.5%
Fall number: over 310-320 s
Zeleny test: 53-57 ml
Bulk density: above 790-800g/l

Alveographic quality

W: 240-250
P/L 0,6-0,8 xy

Disease resistance

Powdery mildew: medium hardy
Fusarium: moderately resistant
Wheat rust: moderately resistant
Septoria: moderately resistant

PESCADOU

Early durum wheat with excellent health

Advantages

Above average quality
High yields 6-8t/ha
Early variety

Agronomic properties

Sowing early October or early March
Yield 3.8-4.2 million germinated grains/ha
Susceptibility to lodging: good
Plant height: medium to low
Ears: spiny

Quality

Grain vitreousness: very good
Yellow pigment content: high
Bulk density: 790-810g/l
Gluten content: 34-35%
Susceptibility to lodging: good
Plant height: medium to low
Ears: spiny

Disease resistance

Powdery mildew: moderately resistant
Fusarium: moderately resistant
Wheat rust: moderately resistant
Septoria: moderately resistant

High quality and health status

Toscadou is a variety of durum wheat that allows you to optimize your harvest thanks to its yield and specific weight. The harvest starts early and this variety allows you to reason your fungicide program against leaf diseases.

Advantages

Above average quality
High yields 6-8t/ha
Early variety
High disease resistance

Agronomic properties

Sowing early October or early March
Susceptibility to lodging: good
Plant height: medium to low
Ears: spiny

Quality

Grain vitreousness: very good
Yellow pigment content: high
Bulk density: 800-810 g/l
Gluten content: 34-35%
Semolina yield: 60-65%

Disease resistance

Powdery mildew: moderately sensitive
Rust disease: very resistant
Fusarium: moderately sensitive

The most cultivated malting barley in Europe

Planet is the highest yielding spring barley that is fully approved for brewing use. It is agronomicaly strong and produces excellent quality grain. Planet is also gaining a strong following among livestock farmers thanks to its excellent yield and stiff, plentiful straw.

Advantages

High yield 9-10t/ha
Very disease resistant
Recognised by all malting companies

Agronomic properties

Sowing 25.2. - 10.3. (25.10. - 5.11.)
Yield: 3.8-4.2 million/ha
Reproduction: excellent
Stem: very firm
Plant height: low
Variety: medium

Quality

Protein content: low
Very storable
Bulk density 670-700 g/l

Disease resistance

Powdery mildew: very hardy
Glyphosphorus spot: no susceptibility
Helminthosphorus spot: no susceptibility
Barley rust- resistant

A good variety for malting and whiskey production

Semi-early variety of barley on 2 rows, of medium height, used in the beer malt production industry, with an excellent production potential and a stable yield.

Advantages

High yield: 9-10t/ha
It is widespread in Europe for its quality

Agronomic properties

Sowing 25.2. - 10.3. (25.10. - 5.11.)
Yield: 3.5-4 million/ha
Less susceptible stem to lodging
Plant height: low
Variety: very late

Quality

Protein content medium: low
Very good storability
Bulk density 660-680g/l

Disease resistance

Powdery mildew: moderately resistant
Glyphosphorus spot: less susceptible
Helminthosphorus spot: moderately resistant
Barley rust: less susceptible

A stable high yield variety of winter feed barley

Advantages

Six-row feed barley
Achieves high and stable yields
Yields 9-11 t/ha
Ideal for late sowing

Agronomic properties

Sowing 25.9. - 5.10.
Yield: 3.8-4.2 million /ha

Quality

Beta-glucan content: low
Starch content: high
Plant height: medium
Bulk density: high

Recommendations for growers

Fertilisation with liquid fertilisers - rate of 100-140 kg/ha
Moderately susceptible to lodging
Suitability for use of morphoregulators

Disease resistance

Powdery mildew: moderately resistant
Rynochosporea spot: moderately susceptible
Helminthosporea spot: moderately sensitive

High yield and bulk density variety

6-row semi-early autumn fodder barley variety, medium-high height, suitable for both early and late sowing, with excellent production potential. It has a high twinning capacity and is resistant to disease, winter and fall.

Advantages

Six-row feed barley
Very fertile
Yield 8-10 t/ha
Very early
High bulk density

Agronomic properties

Sowing date 25.9. - 5.10.
Yield: 3.7-4.2 million /ha
Not susceptible to fall
Excellent stem vigour

Recommendiations for growers

Medium high
Recommended use of morphoregulators

Disease resistance

Mosaic virus: resistant
Powdery mildew: medium susceptibility
Helminthosporean spot: resistant

A fertile cereal feed crop

Trisem is the perfect triticale for organic farming. The early maturity combined with rapid youth development made it a great choice.
In addition, Trisem has dense stock and very long growth with excellent stability.

Advantages

Excellent fertility
Yields 7-10t/ha
Good plasticity - possibility of cultivation even on poorer sites
Variety: very early
Volume weight: medium

Agronomic properties

Sowing date 25.9. - 5.10.
Yield: 3.7-4.2 million /ha
Not susceptible to fall
Excellent bush and stem vigour

Recommendiations for growers

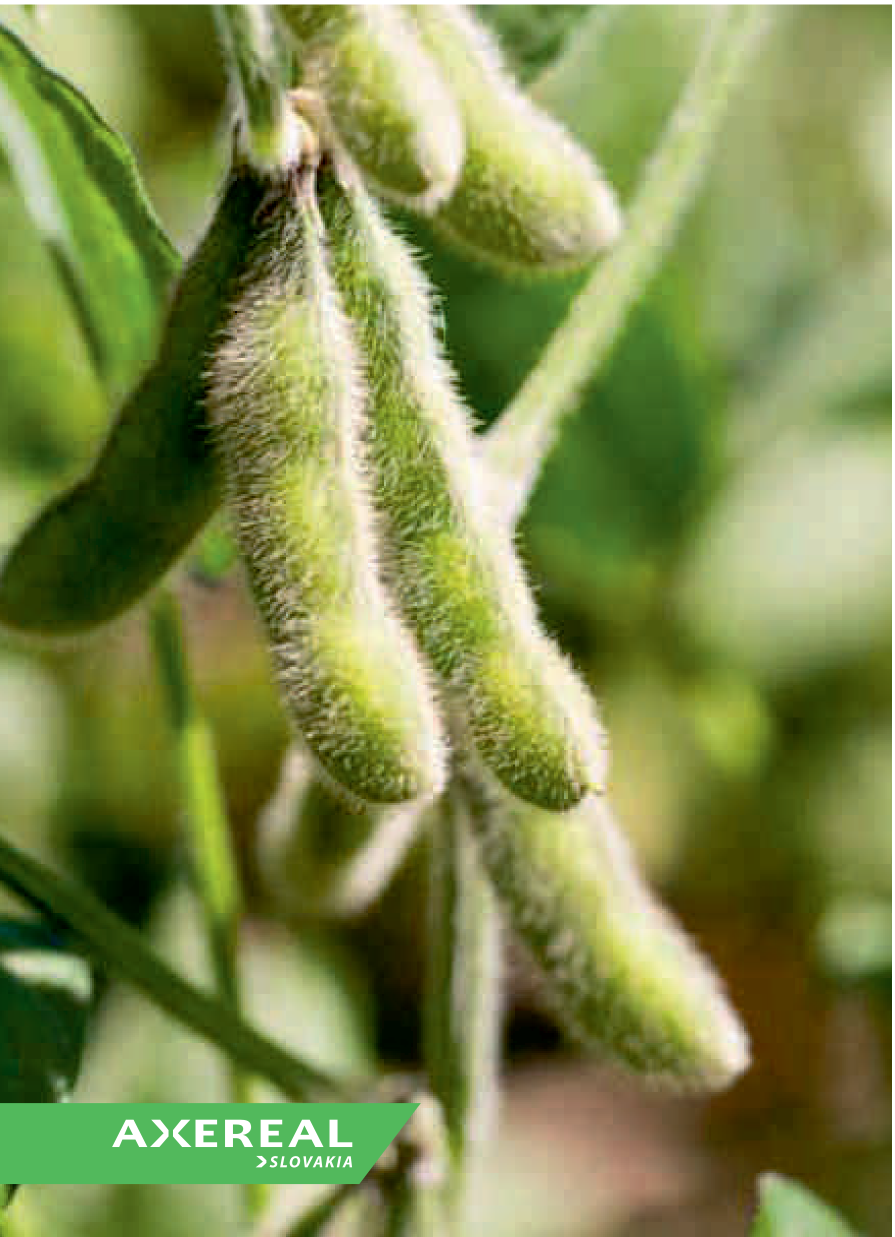
Medium high
Recommended use of morphoregulators

Disease resistance

Mosaic virus: resistant
Powdery mildew: moderate susceptibility
Helminthosporean spot: moderately resistant

A suitable variety for organic production

Betty OO is a variety of soybean with very good characteristics.
Popular among growers for its multiple advantages such as its high protein level and its oil content. This variety is suitable for organic production.



Advantages

Resistant to lodging
Resistant to water stress
Height of the first pod: high
High protein content
Semi-determinate growth
Popular with growers in Italy and Ukraine

Agronomic properties

Sowing April-May
Sowing: 500 000-750 000 seeds/ha
Plant height: average
Bud colour: brown

Quality

PMG protein amount: 190-210g
Oil content: 20-22g

Disease resistance

It is moderately resistant to diseases
Water stress: resistant
Recommended rows: 19-45 cm

For high yields with soybean production

Sakusa OO is a soybean variety with exceptional yields.

Its high content of protein and its strong resistancy to lodging make of Sakusa a recommended variety for planting.

Advantages

A variety with a very high protein content

Yield: very high

Resistant to lodging

Resistant to water stress

First pod height: high

Plant height: high

Agronomic properties

Sowing April-May

Sowing: 150 000-500 000 seeds/ha

Height of first pod: 14.1cm

Flowering

Plant height: average

Bud colour: brown

Quality

PMG protein quantity: 205g

Oil content: 22-23g

Disease resistance

Moderately resistant to diseases

Water stress: resistant

Recommended rows: 30-45 cm

DKC4590 **WAXY CORN**

Regularity and yield reference in the EU market

DKC4590 is a high yield waxy corn variety. This variety offers you a secured yield thanks to its stress tolerance and excellent drainage. It is one of the largest sown hybrid variety in Hungary.

Advantages

DKC4590 corn seed combines productivity in high potential and limiting situations.
This hybrid offers excellent ear and stalk health.

Agronomic properties

FAO 350-370
Plant height is average
Resistance to lodging at harvest: very high
Resistance to fusariosis (ear): very high
Resistance to fusariosis (stem) : very high
High resistance to dry weather

Recommendations for sowing

Recommended number of plants: 65.000 - 75.000 plants/ha
Adapts well to early sowing
Optimum sowing time is within a wide range

A promising hybrid waxy corn variety

ES Gallery is a promising waxy corn variety. Its agronomic properties and very high yield potential make of it a reliable and advantageous variety for growers.

Advantages

Promising yield levels
Thick and homogeneous
Hybrid with very good compensating ability
Has a very high yield with very good compatibility (at low temperatures, double tubularity)
Root system: strong and deeply penetrating

Agronomic properties

Early development
Stem strength
Drought resistance
Water repellency
Heat requirement from sowing to flowering
Hume requirement from sowing

Recommendations for sowing

65-70 (1.000/ha)

Disease resistance

Fusarium (stem)
Fusarium (scale)
Helminthosporium

Waxy corn with an excellent yield to early maturity ratio

P9718E is the highly successful waxy version of PR37N01. It offers growers a high productivity and safety. This variety has a tight tolerance to drought.

Advantages

Extraordinary vigour in the early stages of growth
Absolute tolerance to water stress
Resistance to Helmintosporium turcicum
Production is placed at the highest levels among the early ones, with good grain quality and high specific weight.

Agronomic properties

FAO 390
This is the PR37N01 waxy version, which has achieved high yields
The characteristics correspond to the basic version PR37N01
Yield security
Resistant to dry weather

Recommendations for sowing

Recommended number of plants:
66,000-72,000 plants/ha

Popular corn with high yield potential

Waxy version of the popular PR37F73 corn variety. This maturing hybrid has high yield potential and performes particularly well in drought years.

Advantages

High yield potential

Sowing early and at cold soils to observe the optimum sowing date for corn

Agronomic properties

FAO 420

Medium-late variety for waxy corn growers

The basic variant of the variety is also the well-known hybrid PR37F73, grown on large areas

The variety is extremely resistant to dry weather

It is the hybrid that produces the best yields in a dry growing year

Recommendations for sowing

Recommended number of plants:
65,000-72,000 plants/ha

Early hybrid corn with very good growing experience

Early waxy hybrid version of the corn variety PR38A79. Very good growing experience and impeccable agronomic properties. This variety is reliable thanks to its stable yield.

Advantages

High productivity
Yield security
Drought tolerance
The only difference from PR37N01 is the starch content of the grains (amylopectin to amylose ratio)

Agronomic properties

FAO 330
Variant of the well-known hybrid PR38A79 waxy
Early harvesting
Low grain moisture
Can also be used as a winter cereal pre-crop
Extremely resistant to adverse conditions of the vintage
Suitable for all growing areas

Recommendations for sowing

Recommended number of plants: 68,000-74,000 plants/ha
Adapts well to early sowing
Optimum sowing time is within a wide range

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PIONEER.

Starter, complex organo-mineral EC fertiliser

Foliar fertilizer with phosphorus and magnesium as the main components, an effective biostimulant and activator with an effect on increased nutrient uptake by plants from the soil environment.
A complex organo-mineral EC fertiliser that strengthens plants in the early stages of growth and promotes the development of plant resistance to adverse factors.

Properties

It is unique for the initial development of the plant root system
Ensures maximum nutrient uptake from the soil environment
Reduces plant stresses, especially water stress
Can also be used at later growth stages to eliminate stress factors

Composition

In total, it contains 50 g of nitrogen, 420 g of water-soluble phosphorus and 100g of water-soluble magnesium in one litre.
The solution is supported by surfactants and phytostimulants derived from brown seaweed.

Benefits

This organic-mineral complex is suitable for foliar application. It is made from 100% dried extract of brown seaweeds which are rich in phytoregulators , hydrocoloids that negate stress conditions such as light, heat, cold and nutrient imbalances in the soil for optimum plant development.

Recommendations for application

Cereals: from the second leaf to the first tiller at a rate of 3l/ha
Corn: from the 3-leaf stage to the rapid growth stage at 3l/ha
Legumes: from the 4-leaf stage to the beginning of flowering

Proleo, foliar and soil biostimulant fertilizer

Improve the uptake of nutrients and minerals from the soil.
A complex organo-mineral EC fertiliser that is mainly intended for oilseed and protein crops.

Properties

This organic-mineral complex is suitable for foliar and soil application. It is made from 100% dried brown seaweed extract, which is rich in phytoregulators, hydrocolloids and alginate contributing to improved nutrient supply in the soil for optimal plant development

Composition

It contains a total of 100g of water soluble boron, 10 g of water soluble dissolved molybdenum in one litre. The solution is supported by surfactants and phytostimulants derived from brown seaweed

Benefits

Effective biostimulant containing complex compounds
Alginate and minerals facilitate uptake by the leaves
Amino acids and minerals increase its effectiveness
Growth regulators intensify root growth and photosynthesis

Recommendations for application

For soil application before sowing or just after sowing at a rate of 3l/ha
Oilseed rape: at the 3-4 leaf stage or in spring until bud formation at 2.5l/ha
Peas and soya beans: up to a stand height of 8-10 cm at 1.5l/ha or until flowering at 2.5/ha
Sunflower: before sowing, or until the flower bud stage at 3l/ha

Valor K, foliar and soil biostimulant fertilizer

Foliar biostimulant fertilizer with sulphur nitrogen and potassium.
Effective biostimulant and activator of nutrient uptake by plant roots from the soil.
A comprehensive organo-mineral fertilizer that strengthens plants for nutrient demanding plants, which promotes plant development and resistance to adverse factors.

Properties

This organic-mineral complex is suitable for foliar application. It is made from 100% dried extract of brown seaweeds which are rich in phytoregulators , hydrocolloids that negate stress conditions such as light, heat, cold and nutrient imbalances in the soil for optimum plant development.

Composition

It contains a total of 120g of nitrogen, 86g of water-soluble potassium and 800g of water-soluble sulphur in the form of (SO3) in one litre.This unique blend provides the plant with the necessary sulphur to balance the plant's uptake ratio of essential nutrients.
The solution is enhanced with surfactants and phytostimulants derived from brown seaweed

Benefits

Its use is important for efficient uptake of crop seed quality enhancing nutrients such as HTS, nitrogen content and bulk density
The nitrogen supplied in foliar fertiliser is usable at a later stage of growth when its application is already difficult
Effectively provides plants with the uptake of essential nutrients such as nitrogen and sulphur and mutually reinforces their uptake by plants until final maturity.

Recommendations for application

Cereals: from the first tillering stage to flowering at 5l/ha
Rapeseed: from the beginning of the extension growth to flowering at a rate of 3l/ha It is well miscible with pesticides. The recommended water rate of 150 l/ha for pesticides promotes faster absorption into the plant weeds.

LOC-AX Multi 3, microgranulated fertilizer with high nutrient level

Microgranulated fertiliser with a high content of phosphorus, sulphur and microelements for the favourable initial development of plants, especially during germination, root formation and plant growth.

Properties

By accelerating the development of key plants and especially their root system, it eliminates negative environmental influences and has a major impact on increasing yields

Composition

12% nitrogen
41% P2O5
5% SO3
2% Mgo
Microelements such as
Zn 0.2%; Cu 0.08%;
Mn 0.1%

Benefits

Water-soluble phosphorus, which accelerates the formation of the root system of young and germinating plants and thus increases nutrient uptake by the plants.
Sulphur benefits the balanced uptake of nitrogen by plants and strengthens the tissues
Microelements act as catalysts for the uptake of essential nutrients at the cellular level.

Recommendations for application

In autumn for rape, wheat and winter barley 20kg/ha
In spring for mustard barley, corn, sunflower and others crops at a rate of 20 kg/ha

AXEREAL
SLOVAKIA

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Land and people for the future