

The background of the entire page is a photograph of a person's hands holding a large quantity of grain, likely wheat or barley, in a field. The image is split diagonally from the top-left to the bottom-right. The upper-left portion is overlaid with a semi-transparent green filter, while the lower-right portion is overlaid with a semi-transparent orange filter. The overall composition is clean and professional, emphasizing the agricultural theme.

A>KEREAL
>SLOVAKIA

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ABOUT US

Axereal *A French international group*



Axereal, at a glance

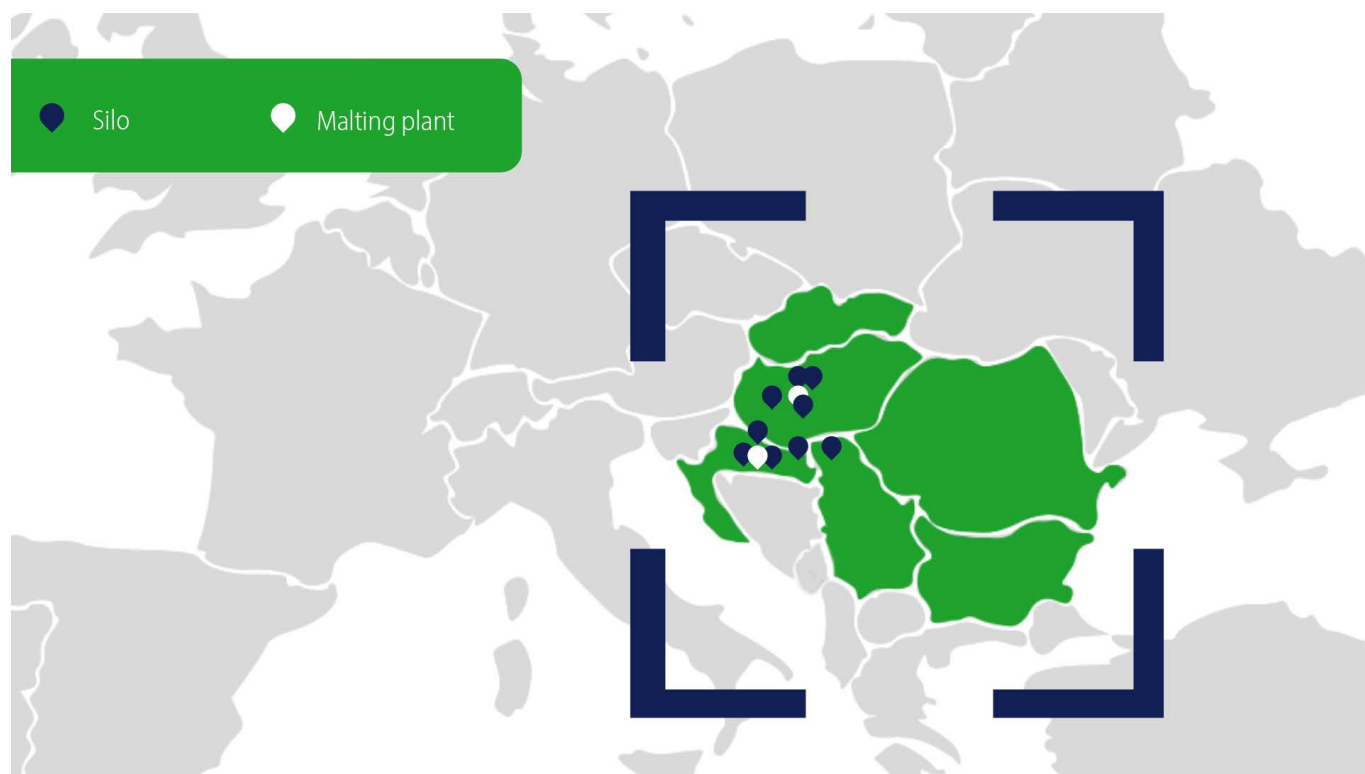
Axereal is a leading agricultural and agri-food cooperative operating in France and internationally, growing cereals and specialised in the process for the malt, milling and livestock markets.

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 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



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



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



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 agronomically 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



Recommendations 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



Recommendations 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

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 *Helminthosporium 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 performs 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

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 phyto regulators, hydrocolloids 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 phyto regulators, 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 phyto regulators, 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 fertilizer 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

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**Land and people for
the future**