NORDFERT FERTILIZERS

Fertilizers for foliar application and all irrigation systems

NORDFERT

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About Us

Nordfert company is specialized in the production of top quality water soluble chemical fertilizers covering all nutritional needs of every plant throughout the whole growing season.

We provide
flexible terms of production
according to market
and customer's demand.

Our Specialization

NordFert partners have been producing high quality foliar fertilizers for more than 25 years and have been operating many active factories Worldwide since 1991. At the beginning of 2021 NordFert opened our own newest factory in Northern Europe, in Estonia. The main goal of the company is to develop agricultural sectors around the world and maximize the quality of cultivable crops by sharing professional knowledge. Our activity extends all over the world into more than 50 countries.

Our first factory of foliar fertilizers in Baltic region gives us an opportunity to work closer with our partners and customers, as it will let us customize production depending on local environmental conditions and customers' needs. Continuous control over the entire production process, from the extraction of raw materials to ready products, ensures excellent solubility, the exact dosage of nutrients needed for a plant at a certain stage, and environmental safety.

NORDFERT maintains 3 research stations, which are aimed for:

- conduction of breeding programs to develop new cultivation of vegetable crops;
- development of genotypes in different climatic conditions.
- developing and increasing the share of efficient organic liquid fertilizers in our product portfolio, which is in line with the goal of the EU Green Agreement.

Our main interest in research activity around the world is to enhance crop productivity, fruit quality, environmental stress tolerance and resistance to diseases in all countries we operate. Together with our research center we have made trials for various crops in different regions around the world. We have been conducting trials in Baltic region since 2015. Cooperation with key-farmers gave us a good experience and clear understanding about what crops need and how to boost quality and yields.

The main criteria in developing fertilizers are crop yield, quality, and resistance to diseases and unfavorable weather conditions.

With our product portfolio we pay very close attention to achieving the EU's climate goals and want to contribute to reducing the CO_2 footprint in the agricultural sector.

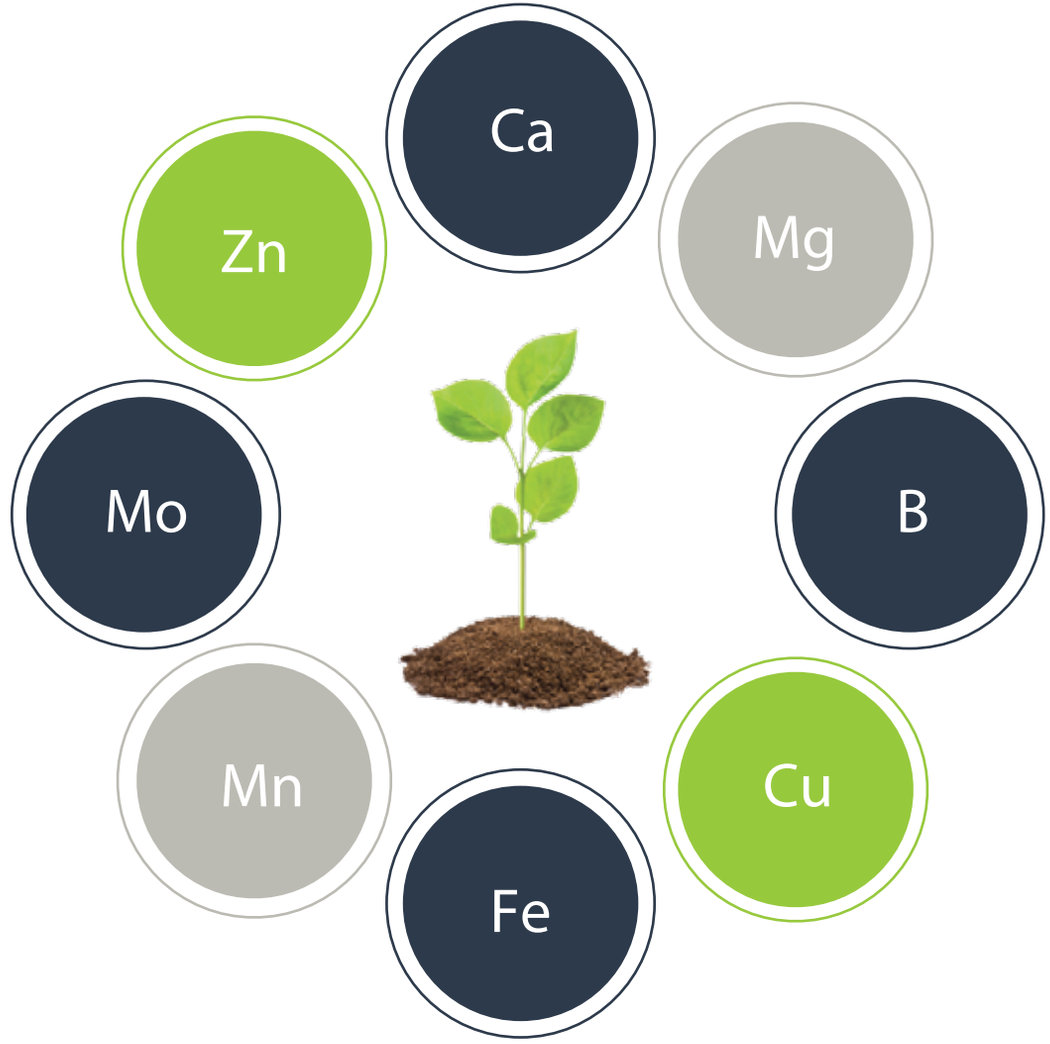
Advantages of Nordfert Fertilizers

1 kg of foliar applied fertilizer can have the same effect as 10-15 kg of fertilizer in soil!

- Nordfert fertilizers are the most effective thanks to the ability to penetrate leaf surface.
- The fastest way to supply essential nutrients.
- Promote growth and boost yields.
- Boost resistance to environmental stress (frost, drought, etc), and several plant diseases.
- Support the efficiency of pesticides and herbicides.
- Reduce farmers' costs.

Advantages of Nordfert Fertilizers

- Nutrients are absorbed by the whole plant.
- Foliar absorbed nutrients are immediately available and supply necessary microelements to stem and roots.
- Contain vital macro-, micronutrients, and growth key elements.
- Various combinations and special formulations for different crops and growth stages.
- Friendly for environment and plants.


Ca
Mg
Zn
Mo
B
Mn
Cu
Fe

Our Mission

Our target is to develop the most optimal nutritional program in specific climatic conditions, which will help enhance the yield, improve the quality of the plants, and save costs.

During the agricultural seasons (since 2014) NORDFERT works closely with local farmers and has developed fertilization programs for major crops cultivated in Estonia such as wheat, oilseed rape, barley, strawberry, potato, tomato, etc.

Products

The list of NORDFERT fertilizers includes liquid, powder, suspension, and organic fertilizers, which provide long-term performance and nutrient supply.

Special additives in each compound help nutrients remain on the surface of each leaf providing maximized feeding effect.

Liquid Fertilizers

» Easy to apply at any stage.

» Ideal for drip irrigation systems and tank mixing.

Various packing: 1000 L, 20 L, 5 L.
Recommended water amount: field crops – 150-300 L/ha, greenhouses/garden – 150-300 L/ha.

Premium Liquids

An exclusive range of high quality and performance liquid fertilizers for both fertigation and foliar application. Premium liquids are aimed at specific stages, boost yields, and promote plant growth.

Nordfert ManPhos

Composition	W/V, %
Total nitrogen (N)	11
Nitric nitrogen (NO_3-N)	5,5
Ammoniacal nitrogen (NH_4-N)	5,5
Phosphorus (as P_2O_5)	61

- Stimulates cell division and accelerates growth and development.
- Enhances the growth of roots and root hairs.
- Improves flowering, fruit set, and thickens the stem.
- Extends the period of productivity.

Crops	Growth stage	Dosage (l/ha)
Cereals	Before tillering; Tillering; Heading.	3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-4
Potato	Before flowering.	3-4
Legumes	During vegetation 2 applications every 7-10 days before flowering.	3-4
Strawberry	The end of flowering 2 applications every 7-10 days.	3-4

Nordfert Max-DKP

Composition	W/V, %
Phosphorus (as P_2O_5)	33
Potassium oxide (as K_2O)	42

- Phosphorus and potassium promote the plants' initial growth, increase the number of tubers/fruits and improve flowering for higher yields.
- Increases the size, juice content and sweetness of fruits.
- Neutralizes undesirable nitrogen in flowering and fruit set period.
- Recommended at the beginning of flowering and through fruit set.

Crops	Growth stage	Dosage (l/ha)	Replications
Cereals	After full head formation.	4-5	2-3
Oilseed rape	After flowering.	4-5	2-3
Potato	After flowering.	4-5	2-3
Fruit trees	After full fruit set.	3-5	2-3

Nordfert KAPP

Composition	W/V, %
Total nitrogen (N)	7
Ammoniacal nitrogen (NH_4-N)	7
Phosphorus (as P_2O_5)	38
Potassium oxide (as K_2O)	18

- Provides good shape and structure of fruit.
- Activates root growth, flowering, fruit set and maturation, especially during the cold season and stress conditions.
- Increases uptake of phosphorus by plants.
- Maintains plant stability.

Crops	Growth stage	Dosage (l/ha)	Replications
Cereals	After full head formation.	4-5	2-3
Oilseed rape	After flowering.	4-5	2-3
Potato	After flowering.	4-5	2-3

Nordfert KTC

Composition	W/V, %
Potassium oxide (as K_2O)	29,5
Organic matter	41,5
Boron (B)	4
Molybdenum (Mo)	1

- Pure source of potassium and organic matter.
- Increases nutrient absorption, prevents fixation in the soil.
- Helps increase yields and improve crop quality.
- Enhances tolerance to fungal diseases and stressful conditions.

Crops	Growth stage	Dosage (l/ha)	Replications
Cereals	After full head formation.	4-5	2-3
Oilseed rape	After flowering.	4-5	2-3
Potato	After flowering.	4-5	2-3

Nordfert KTS

Composition	W/V, %
Potassium oxide (as K_2O)	36
Sulphur (S)	25

- Can be used in cold season as active source of potassium and sulphur.
- Improves fruit set, color, and structure.
- Helps improve sugar content and juiciness of fruit.
- Increases tolerance of crops to diseases and stress caused by weather.

Crops	Growth stage	Dosage (l/ha)	Replications
Cereals	After full head formation.	4-5	2-3
Oilseed rape	After flowering.	4-5	2-3
Potato	After flowering.	4-5	2-3

Nordfert KSI44. Potassium Silicate

Composition	W/V, %
Potassium oxide (as K_2O)	33,6
Silicon (as SiO_2)	31,9

- Produces protective layer to cell wall, which enables crop to become stronger (minimizes risk of lodging).
- Improves the elasticity of cell wall and supports cell division.
- Protects from toxicity of some elements, such as phosphorus, manganese, iron, etc.
- Increases resistance to biotic and abiotic stress, fungal diseases, salinity, cold, and drought.

Crops	Growth stage	Dosage (l/ha)
Cereals	Spray 1-2 times in the beginning of planting until the end of stem elongation.	0,5-1
Oilseed rape	Spray 1-2 times at 4-6 leaf stage.	0,5-1
Potato	Spray 2-3 times during seedling and growth stage.	0,5-1
Fruit trees and shrubs	Spray 2-3 times during seedling and growth stage.	0,5-1
Vegetables	Spray 2-3 times during seedling and growth stage.	0,5-1

Nordfert 39-0-0+0,5%MgO+Fe+Mo

Starter Fertilizer	
Composition	**W/V, %**
Total nitrogen (N)	39
Nitric nitrogen (NO_3-N)	7,67
Ammoniacal nitrogen (NH_4-N)	7,23
Ureic nitrogen (NH_2-N)	24,1
Magnesium oxide (MgO)	0,5
Iron (Fe), EDDHA	0,01
Molybdenum (Mo)	0,005

- Nitrogen accelerates vegetative growth and the structural stability of the plant.
- Contributes to the increase of protein content.
- Nutrient complex increases efficiency of photosynthesis, formation of vital nutrients, and contributes to early maturation.
- Different sources of nitrogen make uptake and synthesis of nitrogen more efficient in all seasons.

Crops	Growth stage	Dosage (l/ha)
Cereals	Spring - 2-4 sprayings every 7-14 days.	4-5
Oilseed rape	Beginning of vegetation; 10-14 days later; Bud phase; Green bud phase.	6-8
Corn	3-4 leaf phase; 7-10 days later; Before formation of tassel.	6-8
Potato	2-3 sprayings before flowering; After flowering.	4-9

Nordfert 4-25-10+8%CaO

Composition	W/V, %
Total nitrogen (N)	4
Nitric nitrogen (NO_3-N)	4
Phosphorus (as P_2O_5)	25
Potassium oxide (as K_2O)	10
Calcium oxide (CaO)	8

- Highly efficient source of phosphorus and calcium.
- Calcium and potassium provide better shape and structure of fruit, and prevent from drop.
- Accelerates earlier root formation, root hair growth and strength.
- Helps extend the period of productivity.

Crops	Growth stage	Dosage (l/ha)
Cereals	Before tillering; Tillering; Heading.	3-4 4-5 3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Potato	Complete shoots; Before flowering.	3-4
Corn	6-8 leaf phase; Every 10-14 days – 2 times.	3-4

⊕ Farmer Save Range

Nordfert always cares to provide the best service and care to its customers and partners. Farmer Save Range group of fertilizers offers alternatives to those who seek high quality products, visible results, and lower costs. Different formulations enriched with chelated micronutrients and special additives boost sustainability of plants and help increase yields.

Nordfert 12-4-7 + microelements

Composition	W/V, %
Total nitrogen (N)	12
Nitric nitrogen (NO_3-N)	5,76
Ammoniacal nitrogen (NH_4-N)	6,23
Phosphorus (as P_2O_5)	4
Potassium oxide (as K_2O)	7
Boron (B)	0,018
Copper (Cu), EDTA	0,035
Iron (Fe), EDTA	0,07
Manganese (Mn), EDTA	0,035
Molybdenum (Mo)	0,006
Zinc (Zn), EDTA	0,012

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering; Booting; Stem elongation; Flowering.	3-4 5-8 5-8 5-8 5
Oilseed rape	Beginning of vegetation; End of vegetation; Beginning of green pod phase; End of green pods phase.	5-8 5-8 4-5 4-5
Sugar and fodder beet	4-10 well developed leaf phase; During growth; Before closing within rows.	3-5 3-6 3-6
Potato	Before flowering (2-3 times); Green tubers formation.	3-6 3-5

- Hastens vegetative growth, branching, and root development.
- Helps plant accumulate formation of sugars, amino acids, and other vital nutrients.
- Maintains the structure of crops.

Nordfert 10-0-6+3%MgO + microelements

Composition	W/V, %
Total nitrogen (N)	10
Nitric nitrogen (NO_3-N)	6,92
Ammoniacal nitrogen (NH_4-N)	3,07
Potassium oxide (as K_2O)	6
Magnesium oxide (MgO)	3
Boron (B)	0,018
Copper (Cu), EDTA	0,035
Iron (Fe), EDTA	0,07
Manganese (Mn), EDTA	0,035
Molybdenum (Mo)	0,006
Zinc (Zn), EDTA	0,012

Crops	Growth stage	Dosage (l/ha)
Cereals	Spring - 2-4 sprayings every 7-14 days.	4-5
Oilseed rape	Beginning of vegetation; 10-14 days later; Bud phase; Green bud phase.	6-8
Corn	3-4 leaf phase; 7-10 days later; Before formation of tassel.	6-8
Potato	2-3 sprayings before flowering; After flowering.	4-9

- Improves vegetative growth and flowering.
- Nitrogen and magnesium improve appearance of foliage and help plant grow greener.
- Increases efficiency of photosynthesis and accumulation of nutrients in plant.
- Trace elements reduce nutrient deficiency and provide balanced nutrition.

Nordfert 8-8-8 + microelements

Balanced fertilizer	
Composition	**W/V, %**
Total nitrogen (N)	8
Nitric nitrogen (NO_3-N)	3,19
Ammoniacal nitrogen (NH_4-N)	4,84
Phosphorus (as P_2O_5)	8
Potassium oxide (as K_2O)	8
Boron (B)	0,018
Copper (Cu), EDTA	0,035
Iron (Fe), EDTA	0,07
Manganese (Mn), EDTA	0,035
Molybdenum (Mo)	0,006
Zinc (Zn), EDTA	0,012

Crops	Growth stage	Dosage (l/ha)
Cereals	Tillering; Stem elongation; Heading; After flowering.	4-6
Oilseed rape	Beginning of vegetation; 10-14 days later.	4-7
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	4-6
Legumes	Before flowering; After flowering; 7-10 days after.	5-8

- Activates enzymes and promotes active and healthy development.
- Maintains nutrient balance throughout all growth stages.
- Increases ability to tolerate cold, drought, diseases, and other unfavourable conditions.

Nordfert 7,5-35-0+0,6%Zn+0,4%B

Composition	W/V, %
Total nitrogen (N)	7,5
Nitric nitrogen (NO_3-N)	3,75
Ammoniacal nitrogen (NH_4-N)	3,75
Phosphorus (as P_2O_5)	35
Boron (B)	0,4
Zinc (Zn)	0,6

- Phosphorus, zinc and boron provide better root development, which affects functioning processes in plant.
- Activates production of essential growth hormones and enzymes.
- Improves structure of cell walls, cell division process, and ability to retain water.
- Helps improve quality of seeds, germination and durability.

Crops	Growth stage	Dosage (l/ha)
Cereals	Before tillering; Tillering; Heading.	3-4 4-5 3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Potato	Complete shoots; Before flowering.	3-4
Corn	6-8 leaf phase; Every 10-14 days – 2 times.	3-4
Legumes	During vegetation – 2 times every 7-10 days before flowering.	3-4

Nordfert UreaPhosphate

Composition	W/V, %
Total nitrogen (N)	12
Ureic nitrogen (NH_2-N)	12
Phosphorus (as P_2O_5)	28

- Recommended in case of a weak rooting and bad weather conditions, or if the content of phosphorus in the soil is too low.
- Helps improve soil structure.
- Improves flowering and fruit set.

Crops	Growth stage	Dosage (l/ha)
Cereals	Before tillering; Tillering; Heading.	3-4 4-5 3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Potato	Complete shoots; Before flowering.	3-4
Corn	6-8 leaf phase; Every 10-14 days - 2 applications.	3-4
Legumes	During vegetation 2 application every 7-10 days before flowering.	3-4

⊕ Micronutrient Essentials

Some plants require certain trace elements in higher amounts at different growth stages.
Micronutrient Essentials include special single-nutrient fertilizers and mixes for optimum uptake and reducing deficiency problems.

Nordfert Max micro

Micronutrient Mix	
Composition	**W/V, %**
Magnesium oxide (MgO)	1,6
Boron (B)	0,5
Copper (Cu)	0,5
Iron (Fe)	3
Manganese (Mn)	3
Molybdenum (Mo)	0,008
Zinc (Zn)	3

- Perfectly complements plant nutrition with a wide range of elements for optimal development and better yields.
- Hastens growth and supplies energy.
- Reduces nutrient deficiency quickly and keeps nutrient balance.

Crops	Growth stage	Dosage (l/ha)
Cereals	Autumn - tillering; Spring – from beginning of vegetation until flag leaf appearance; Some applications every 2 weeks.	1-3
Oilseed rape	Autumn - 6-8 leaf phase; Spring – from beginning of vegetation until flower bud phase; Apply 1-2 times every 2 weeks.	1-3
Potato	After emergence of seedling (plant height – 15 cm); Tubers reached walnut size; 15 days after 2nd application.	1-3

Nordfert CalBor

12% CaO + 0,25% B	
Composition	**W/V, %**
Total nitrogen (N)	10
Nitric nitrogen (NO_3-N)	10
Calcium oxide (CaO)	12
Boron (B)	0,25

- Helps plant to tolerate high temperatures.
- Improves fruit quality and shape.
- Extends the shelf life and reduces damages caused by transportation.
- Prevents quick rotting and abscission of fruit.
- Contributes to better flowering.

Crops	Growth stage	Dosage (l/ha)
Beans	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Potatoes	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Tomatoes	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Berry crops	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Strawberries	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Fruit trees	After petal fall.	2-4

Nordfert Ca+Mg

12% CaO + 4% MgO	
Composition	**W/V, %**
Total nitrogen (N)	8,6
Nitric nitrogen (NO_3-N)	8,6
Calcium oxide (CaO)	12
Magnesium oxide (MgO)	4

- Enhances cell wall development, proper cell division and elongation especially in the roots.
- Provides nitrate uptake and metabolism.
- Supports chlorophyll synthesis, plant oil and fat formation.
- Activates vital enzymes for healthy development.
- Promotes phosphorus uptake by plant and controls nutrient supply.

Crops	Growth stage	Dosage (l/ha)
Beans	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Potatoes	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Tomatoes	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Berry crops	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Strawberries	Every 7-14 days when fruit size reached 4-10 mm.	2-4
Fruit trees	After petal fall.	2-4

Nordfert Micro B 151 g/l

Composition	W/V, %
Boron (B)	15,1
Density: 1,38 g/ml	

- Liquid concentrated fertilizer recommended for oilseed rape.
- Provides better flowering and seed formation.
- Improves oil content.

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering.	0.5-1
Oilseed rape	Rosette formation; Beginning of vegetation; Beginning of stem elongation; Green bud phase; Beginning of flowering.	1-2
Legumes	Vegetative period; Before flowering.	1-3
Potato	Complete shooting; Before flowering; Formation of green tubers.	1-3

Nordfert Micro Fe 100 g/l

Composition	W/V, %
Iron (Fe)	10
Density: 1, 35 g/ml	

- Improves the process of respiration and metabolism.
- Improves nitrogen uptake.
- Ingredient of nitrate reductase and nitrogenise enzymes.
- Turns nitrates into amino acids.

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering; Stem elongation; Beginning of head formation.	0.5-1.5
Oilseed rape	Rosette formation; Beginning of vegetation; Beginning of stem elongation; Green bud phase; Beginning of flowering.	0.5-1.5
Legumes	Vegetative growth; Before flowering; After flowering.	1-2
Potato	Complete shooting; Before flowering; Formation of green tubers.	1-2

Nordfert Micro Cu 55 g/l

Composition	W/V, %
Total nitrogen (N)	2,5
Nitric nitrogen (NO_3-N)	2,5
Copper (Cu)	5,5
Density: 1,240 g/ml	

- Promotes development of necessary growth hormones.
- Improves photosynthesis, carbohydrate and protein metabolism.
- Generates lignin in plant cell walls (structural strength cells and plants).
- Improves the taste of the fruit, shelf life and ability to store sugars.

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering; Stem elongation; Beginning of heading; The end of flowering.	1-2
Oilseed rape	Rosette formation; Beginning of spring vegetation; Beginning of stem extension; Green bud phase; Beginning of flowering.	1-2
Legumes	Vegetative growth; Before flowering; After flowering.	1-2
Potato	Complete shooting; Before flowering; Maturation.	1-2

Nordfert Micro Mn 165 g/l

Composition	W/V, %
Manganese (Mn)	16,5
Density: 1,4 g/ml	

- Helps increase the amount of enzymes related to respiration processes.
- Important for photosynthesis, nitrogen metabolism and its uptake by plants.
- Activates fat forming enzymes.
- Contributes to sweetness of fruits and berries.

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering; Elongation of stem.	1-2
Oilseed rape	Rosette formation; Beginning of spring vegetation; Beginning of stem extension; Green bud phase; Beginning of flowering.	1-2
Legumes	Vegetative growth; Before flowering; After flowering.	1-2
Potato	Complete shooting; Before flowering; Maturation.	1-2

Nordfert Micro Zn 140 g/l

Composition	W/V, %
Zinc (Zn)	14
Density: 1,35 g/ml	

- Activates enzymes and regulates consumption of sugar.
- Promotes formation of starch and plant development.
- Plays role in maturation of seeds.
- Supports formation of chlorophyll and carbohydrates.

Crops	Growth stage	Dosage (l/ha)
Cereals	Beginning of tillering; Tillering; Elongation of stem; Beginning of heading.	1-2
Oilseed rape	Rosette formation; Beginning of spring vegetation; Beginning of stem extension; Green bud phase; Beginning of flowering.	1-2
Corn	3-4 leaf phase; 6-10 leaf phase; Before tasselling.	1-2
Legumes	Vegetative period; Before flowering.	1-2
Potato	Complete shooting; Before flowering; Maturation.	1-2

⊕ Plant Growth Promoters

Plant Growth Promoters group offers fertilizers, which are based on macronutrients and enriched with organic matter. These fertilizers are considered as natural growth promotants that improve plant growing environment, crop quality and lift yields.

Nordfert Energy Plus

Organic-mineral fertilizer	
Composition	**W/V, %**
Total nitrogen (N)	16
Ureic nitrogen (NH_2-N)	16
Phosphorus (as P_2O_5)	7
Potassium oxide (as K_2O)	8
Organic matter	50

- Improves resistance to drought, cold, pests, lack of nutrients and other unfavorable conditions.
- Strengthens the immune system and activates production of enzymes, proteins and amino acids.
- Supports vegetative growth, root development and flowering.
- Organic matter improves the quality of fruit and seeds.

Crops	Growth stage	Dosage (l/ha)
Cereals	Before tillering; Shooting.	0,5-1
Oilseed rape	6-10 leaf phase; Before flowering.	0,5-1
Corn	6-8 leaf phase.	0,5-1
Potato	Before flowering; After flowering 2 applications every 7 days.	0,5-1
Strawberry	Beginning of fruiting; Maturation of fruits 2 applications every 7 days.	1-2
Greenhouse vegetables	Dilute 0,1-0,2 L of fertilizer in 100 L of water.	

Powder Fertilizers

» Comprehensive range of fertilizers with nitrogen (N), phosphorus (P), and potassium (K) in different ratios.

» Formulations cover all growth stages from emergence to ripening.

Packing: 25 Kg.
Recommended water amount: field crops – 150-300 L/ha, greenhouses/garden – 150-300 L/ha.

⊕ Premium Powders

Premium Powders are NPK-fertilizers, enriched with secondary nutrients and chelated trace elements. Fertilizers with higher amount of nitrogen (N) and phosphorus (P) – starter fertilizers – are perfect for use at early stages for boosting initial growth and give a plant a nutrient cocktail. High-potassium (K) fertilizers are designed for mid/late stages to increase yields and improve its quality.

Nordfert 12-50-6+0.8%Mg+1.5%S + microelements

High-P fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	12
Ammoniacal nitrogen (NH_4-N)	9
Ureic nitrogen (NH_2-N)	3
Phosphorus (as P_2O_5)	50
Potassium oxide (as K_2O)	6
Magnesium oxide (as MgO) / (Mg)	1,32 / 0,8
Sulphur (as SO_3) / (S)	3,75 / 1,5
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Before tillering; Tillering; Heading.	3-5 4-5 3-5
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-5
Legumes	During vegetation 2 applications every 7-10 days before flowering.	4-5
Potato	Complete shoots; Before flowering.	3-5

- Recommended at early stages of plant development.
- Particularly recommended at low temperatures, when phosphorus uptake is low.
- Accelerates root growth, branching, flowering, and seed formation.
- Supplies the plant with the most essential nutrients in the beginning of growth.

Nordfert 29-8-11+1.7%Mg+3.25%S + microelements

High-N fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	29
Nitric nitrogen (NO_3-N)	3,12
Ammoniacal nitrogen (NH_4-N)	3,26
Ureic nitrogen (NH_2-N)	22,5
Phosphorus (as P_2O_5)	8
Potassium oxide (as K_2O)	11
Magnesium oxide (MgO) / (Mg)	2,8 / 1,7
Sulphur (as SO_3) / (S)	8,1 / 3,25
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

- Compensates the lack of Mg and S quickly and efficiently, especially after cold season.
- Increases resistance to cold weather and other unfavorable conditions.
- Enhances root growth and plant development.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Spring – 2-3 times every 7-14 days.	5
Oilseed rape	Beginning of vegetation; 10-14 days after.	5
Legumes	After flowering.	3-5
Potato	2-3 times before flowering; After flowering.	3-4.5

Nordfert 15-5-5+9%Mg+11.5%S + microelements

High-N fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	15
Ammoniacal nitrogen (NH_4-N)	1,2
Ureic nitrogen (NH_2-N)	13,8
Phosphorus (as P_2O_5)	5
Potassium oxide (as K_2O)	5
Magnesium oxide (MgO) / (Mg)	14,9 / 9
Sulphur (as SO_3) / (S)	28,75 / 11,5
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

- A good source of nitrogen, magnesium, and sulphur for fast supply of essential nutrients in beginning of growth.
- Activates overall processes of development in plant.
- Promotes active vegetative growth and root growth.
- Helps plant grow greener and bushy.
- Improves protein content.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Spring – 2-3 times every 7-14 days.	5
Oilseed rape	Beginning of vegetation; 10-14 days after.	5
Legumes	After flowering.	3-5
Potato	2-3 times before flowering; After flowering.	3-4.5

Nordfert 13-40-13 + microelements

High-P fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	13
Ammoniacal nitrogen (NH_4-N)	7,32
Ureic nitrogen (NH_2-N)	5,68
Phosphorus (as P_2O_5)	40
Potassium oxide (as K_2O)	13
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Autumn - before tillering; Tillering; Heading.	3-5 4-5 3-5
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days.	3-5
Legumes	During vegetation 2 applications every 7-10 days before flowering.	4-5
Potato	Complete shoots; Before flowering.	3-5

- Can be used as pop-up fertilizer to stimulate root growth and increase number of tubers.
- Helps improve branching, strengthens stem, and flowering.
- Improves seed germination and durability.

Nordfert 5-20-35+7%S + microelements

High-K fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	5
Nitric nitrogen (NO_3-N)	2,6
Ammoniacal nitrogen (NH_4-N)	2,4
Phosphorus (as P_2O_5)	20
Potassium oxide (as K_2O)	35
Sulphur (as SO_3) / (S)	17,5 / 7
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5 4-5
Oilseed rape	8-10 leaf phase; Spring – beginning of vegetation.	3-5
Corn	6-8 leaf phase; 10-14 days after.	5 4-5
Legumes	2 applications during vegetation every 10-14 days.	3-5
Potato	After germination; Before flowering.	5 3-5

- One of the key fertilizers to achieve better yields.
- Stimulates plants to increase productivity resulting in higher yield.
- Improves flowering and helps plant produce more buds.
- Improves colour and shape of fruits, prevents from drop.
- Stimulates fruit set and improves ripening.

Nordfert 10-5-35 + microelements

Composition	W/W, %
Total nitrogen (N)	10
Ammoniacal nitrogen (NH_4-N)	1,95
Ureic nitrogen (NH_2-N)	8,05
Phosphorus (as P_2O_5)	5
Potassium oxide (as K_2O)	35
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Corn	6-8 leaf phase.	3-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5

- High-K fertilizer for late growth stages, enriched with nitrogen and trace elements.
- Helps increase yields and improve plant quality.
- Improves appearance of fruits.
- Increases tolerance to cold, drought, and certain plant diseases.

Nordfert 17-10-27 + microelements

Composition	W/W, %
Total nitrogen (N)	17
Nitric nitrogen (NO_3-N)	2,19
Ammoniacal nitrogen (NH_4-N)	1,97
Ureic nitrogen (NH_2-N)	12,84
Phosphorus (as P_2O_5)	10
Potassium oxide (as K_2O)	27
Sulphur (as SO_3) / (S)	17,5 / 7
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Corn	6-8 leaf phase.	3-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5

- High-K fertilizer for late growth stages, enriched with nitrogen, sulphur, and trace elements.
- Helps enhance productivity.
- Keeps up all processes of development in plant for better quality of yield.
- Increases tolerance to cold, drought, and certain plant diseases.

⊕ Plant Care Essentials

A group of NPK-fertilizers, where macronutrients are represented in various ratios to supply nutrients depending on plant needs. Can be used as additional fertilizers. The range of fertilizers covers all growth stages and provides balanced nutrition.

Nordfert 28-14-14 + microelements

High-N fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	28
Nitric nitrogen (NO_3-N)	3,9
Ammoniacal nitrogen (NH_4-N)	2,76
Ureic nitrogen (NH_2-N)	21,34
Phosphorus (as P_2O_5)	14
Potassium oxide (as K_2O)	14
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Spring – 2-3 times every 7-14 days.	4-6
Oilseed rape	Beginning of vegetation; 10-14 days after.	4-6
Legumes	After flowering.	3-6
Potato	2-3 times before flowering; After flowering.	4-6

- Promotes formation of a full root system, increases plant immunity to diseases and adverse weather conditions.
- Optimizes rapid replenishment of macro- and micronutrients.
- Helps to improve the appearance of plants and foliage, as well as enhances flowering.

Nordfert 14-40-5 + microelements

High-P fertilizer	
Composition	**W/W, %**
Total nitrogen (N)	14
Ammoniacal nitrogen (NH_4-N)	12
Ureic nitrogen (NH_2-N)	2
Phosphorus (as P_2O_5)	40
Potassium oxide (as K_2O)	5
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Autumn - before tillering; Tillering; Heading.	3-5 4-5 3-5
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days.	3-5
Legumes	During vegetation 2 applications every 7-10 days before flowering.	4-5
Potato	Complete shoots; Before flowering.	3-5

- A good source of nitrogen and phosphorus, which is recommended for application in the beginning of growth.
- Designed to provide stronger stem, improved flowering, larger floral heads and earlier maturation.

Nordfert 12-12-36 + microelements

Composition	W/W, %
Total nitrogen (N)	12
Nitric nitrogen (NO_3-N)	8,4
Ammoniacal nitrogen (NH_4-N)	2,4
Ureic nitrogen (NH_2-N)	1,15
Phosphorus (as P_2O_5)	12
Potassium oxide (as K_2O)	36
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Corn	6-8 leaf phase.	3-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5

- One of high-K fertilizers enriched with potassium and equal nitrogen and phosphorus content for later stages of plant growth and higher yields.
- Designed for crops, which require macroelements at this ratio.
- Wide range of macro- and microelements complements nutrition and improves crop quality.
- Increases plant sustainability to diseases and stress caused by weather and chemical use.

Nordfert 19-6-20 + microelements

Composition	W/W, %
Total nitrogen (N)	19
Ammoniacal nitrogen (NH_4-N)	5,2
Ureic nitrogen (NH_2-N)	13,8
Phosphorus (as P_2O_5)	6
Potassium oxide (as K_2O)	20
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Corn	6-8 leaf phase.	3-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5

- One of high-K fertilizers with almost equal concentration of potassium and nitrogen.
- Designed for crops, which require macroelements at this ratio.
- Wide range of macro- and microelements complements nutrition, improves crop quality and yields.
- Increases plant sustainability to diseases and stress caused by weather and chemical use.

Nordfert 13-5-26 + microelements

Composition	W/W, %
Total nitrogen (N)	13
Ammoniacal nitrogen (NH_4-N)	6,2
Ureic nitrogen (NH_2-N)	6,8
Phosphorus (as P_2O_5)	5
Potassium oxide (as K_2O)	26
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Stem elongation.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Corn	6-8 leaf phase.	3-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5

- One of high-K fertilizers with higher concentration of potassium and nitrogen.
- Designed for crops, which require macroelements at this ratio.
- Wide range of macro- and microelements complements nutrition, improves crop quality and yields.
- Increases plant sustainability to diseases and stress caused by weather and chemical use.

Nordfert 20-20-20 + microelements

Balanced N=P=K	
Composition	**W/W, %**
Total nitrogen (N)	20
Ammoniacal nitrogen (NH_4-N)	1,6
Ureic nitrogen (NH_2-N)	18,4
Phosphorus (as P_2O_5)	20
Potassium oxide (as K_2O)	20
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Tillering; Stem elongation; Heading; After flowering.	2-4 3-4.5 3-4.5 3-4.5
Oilseed rape	Beginning of vegetation; 10-14 days after; Phase of a green bud.	3-4.5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-4.5
Potato	Complete germination; Before flowering; After flowering.	4-6
Legumes	Before flowering; After flowering; 7-10 days after.	4-7

- Nitrogen, phosphorus, and potassium are represented in higher ratio.
- Provides balanced nutrition through almost any stage of plant growth.
- Promotes active vegetative and lush green growth.
- Keeps up nutrient balance, which results in better crop quality and higher yields.
- Improves structural stability of a plant, helping increase resistance to stress from chemical use, cold, drought, and some diseases.

Nordfert 18-18-18 + microelements

Balanced N=P=K	
Composition	**W/W, %**
Total nitrogen (N)	18
Ammoniacal nitrogen (NH_4-N)	4,2
Ureic nitrogen (NH_2-N)	13,8
Phosphorus (as P_2O_5)	18
Potassium oxide (as K_2O)	18
Boron (B)	0,025
Copper (Cu), EDTA	0,015
Iron (Fe), EDTA	0,05
Manganese (Mn), EDTA	0,04
Molybdenum (Mo)	0,001
Zinc (Zn), EDTA	0,03

Crops	Growth stage	Dosage (kg/ha)
Cereals	Tillering; Stem elongation; Heading; After flowering.	2-4 3-4.5 3-4.5 3-4.5
Oilseed rape	Beginning of vegetation; 10-14 days after; Phase of a green bud.	3-4.5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-4.5
Potato	Complete germination; Before flowering; After flowering.	4-6
Legumes	Before flowering; After flowering; 7-10 days after.	4-7

- Nitrogen, phosphorus, and potassium are represented in lower ratio.
- Keeps up balanced nutrition through the whole growing period.
- Promotes active vegetative growth.
- Keeps up nutrient balance, which results in better crop quality and higher yields.
- Improves immune system of plants, helping increase resistance to stress from chemical use, cold, drought, and some diseases.

Nordfert UreaPhosphate

Composition	W/W, %
Total nitrogen (N)	17
Ureic nitrogen (NH_2-N)	17
Phosphorus (as P_2O_5)	44

- Main function of urea fertilizer is to provide the plants with nitrogen and phosphorus to promote green leafy growth and activate roots.
- Helps improve soil structure.
- Improves flowering and fruit set.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Before tillering; Tillering; Heading.	3-5 4-5 3-5
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-5
Potato	Complete shoots; Before flowering.	3-5
Legumes	During vegetation 2 applications every 7-10 days before flowering.	4-5

⊕ Micronutrient Essentials

Nordfert offers powder mixes as for an alternative to liquid micronutrient fertilizers. Secondary nutrients and trace elements are represented in higher concentration, which helps to solve the problem of weak development and supply a plant with rapid energy.

Nordfert Super Micro

Micronutrient Mix	
Composition	**W/W, %**
Magnesium oxide (MgO)	2,3
Boron (B)	0,5
Copper (Cu)	1
Iron (Fe)	4
Manganese (Mn)	4
Molybdenum (Mo)	0,03
Zinc (Zn)	4

- Microelement mix in powder form perfectly complements plant nutrition with essential elements for optimal development, helps avoid imbalances and deficiencies, which results in better yields.
- Supports plant development and supplies energy.
- Strengthens the immune system and improves the structure of a plant.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Autumn - tillering; Spring – from beginning of vegetation until flag leaf appearance; Some applications every 2 weeks.	1-3
Oilseed rape	Autumn - 6-8 leaf phase; Spring – from beginning of vegetation until flower bud phase; Apply 1-2 times every 2 weeks.	1-3
Potato	After emergence of seedling (plant height is 15 cm); Tubers reached walnut size; 15 days after second application.	1-3

Nordfert 6%Zn+5%B+3%Mg

Mix of secondary nutrients	
Composition	**W/W, %**
Magnesium oxide (MgO) / (Mg)	5 / 3
Boron (B)	5
Zinc (Zn)	6

- Designed for better flowering, particularly for fruit crops that demand these nutrients in higher amounts.
- Magnesium and zinc promote activation of vital enzymes, energy supply, and chlorophyll formation.
- Boron promotes development of shoots and roots, ensures proper flowering and better bud formation.

Crops	Growth stage	Dosage (kg/ha)
Cereals	From 2 leaf stage to first node; Repeat 10-14 days after, if there is a need.	5
Potato	Development of the aerial part; Beginning of flowering.	2
Corn	3-4 leaf phase; 8-10 leaf phase.	2
Strawberry	Autumn – 10-14 days after harvest; 10-14 days later; Beginning of vegetation.	4
Fruit trees	Autumn – 7-10 days after harvest; Further 1-2 applications every 10-14 days; Spring – beginning of vegetation.	4

Suspension Fertilizers

» Pourable and thick innovative compounds, which contain all elements in higher concentrations.

» Suspension fertilizers are very precise as they can consist of any nutrient combinations without decomposing to initial components.

Packing: 10 Kg
Recommended water amount: field crops – 150-300 L/ha, greenhouses/garden – 150-300 L/ha.

Nordfert 20-50-10 + microelements

Composition	W/V, %
Total nitrogen (N)	20
Nitric nitrogen (NO_3-N)	2,8
Ammoniacal nitrogen (NH_4-N)	3,0
Ureic nitrogen (NH_2-N)	14,2
Phosphorus (as P_2O_5)	50
Potassium oxide (as K_2O)	10
Magnesium oxide (MgO)	1
Sulphur (SO_3) / (S)	9 / 3,6
Boron (B)	0,008
Copper (Cu), EDTA	0,004
Iron (Fe), EDTA	0,165
Manganese (Mn), EDTA	0,082
Molybdenum (Mo)	0,0016
Zinc (Zn), EDTA	0,082

Crops	Growth stage	Dosage (kg/ha)
Cereals	Before tillering; Tillering; Heading.	3-5 4-5 3-5
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Potato	Complete shoots; Before flowering.	3-5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-5

- Pushes plant to rapid and healthy growth in the beginning of its development.
- Improves development, especially in bad weather conditions or low content of phosphorus in the soil.
- Accelerates germination and rooting.
- Improves development of the buds and pollen tube, flowering.

Nordfert 10-6-60 + microelements

Composition	W/V, %
Total nitrogen (N)	10
Nitric nitrogen (NO_3-N)	8,1
Ureic nitrogen (NH_2-N)	1,9
Phosphorus (as P_2O_5)	6
Potassium oxide (as K_2O)	60
Magnesium oxide (MgO)	0,5
Sulphur (SO_3) / (S)	30,5 / 12,2
Boron (B)	0,006
Copper (Cu), EDTA	0,017
Iron (Fe), EDTA	0,11
Manganese (Mn), EDTA	0,054
Molybdenum (Mo)	0,0017
Zinc (Zn), EDTA	0,058

Crops	Growth stage	Dosage (kg/ha)
Cereals	Beginning of tillering; Elongation of stem.	3-5
Oilseed rape	6-10 leaf phase; Before flowering.	3-5 4-5
Potato	Before flowering; After flowering 2 sprayings every 7 days.	5 4-5
Corn	6-8 leaf phase.	3-5

- Designed for late stages of growth and crops, which require potassium in higher amounts.
- Potassium increases sugar content and fruit size as well as improves quality, resulting in higher yields.
- Magnesium and nitrogen increase the efficiency of photosynthesis and production of chlorophyll.
- Supports resistance to stressful conditions, frost, drought, diseases and chemicals.

Nordfert 25-25-25 + microelements

Balanced N=P=K	
Composition	**W/V, %**
Total nitrogen (N)	25
Nitric nitrogen (NO_3-N)	10,6
Ammoniacal nitrogen (NH_4-N)	0,8
Ureic nitrogen (NH_2-N)	13,6
Phosphorus (as P_2O_5)	25
Potassium oxide (as K_2O)	25
Magnesium oxide (MgO)	0,5
Sulphur (SO_3) / (S)	2,75 / 1,1
Boron (B)	0,011
Copper (Cu), EDTA	0,019
Iron (Fe), EDTA	0,10
Manganese (Mn), EDTA	0,051
Molybdenum (Mo)	0,005
Zinc (Zn), EDTA	0,054

- All purpose fertilizer to maintain nutrient balance throughout all growing season and compensate nutrient deficiencies quickly and efficiently.
- Provides uniformity of maturity.
- Increases resistance to stress, cold, drought, diseases and pests.
- Reduces stress after use of chemicals.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Tillering; Stem elongation; Heading; After flowering.	2-4 3-4.5 3-4.5 3-4.5
Oilseed rape	Beginning of vegetation; 10-14 days after; Phase of a green bud.	3-4.5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-4.5
Potato	Complete germination; Before flowering; After flowering.	4-6
Legumes	Before flowering; After flowering; 7-10 days after.	4-7

Nordfert Boron Plus

150 g/L of Boron	
Composition	**W/V, %**
Total nitrogen (N)	1,8
Nitric nitrogen (NO_3-N)	1,8
Phosphorus (as P_2O_5)	19,5
Calcium oxide (CaO)	3
Boron (B)	15

- Helps plant to grow strong roots.
- Nitrogen and boron accelerate vegetative growth and maturation of the fruits/seeds.
- Calcium helps flowers retain and keep a good shape of fruits.
- Enhances the use of nitrogen by plants and assimilation of phosphorus and potassium by the roots.
- Helps increase the number of pods and seeds as well as improve the process of accumulation of oils in the seeds.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Before tillering; Tillering; Heading.	3-4 4-5 3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-4
Potato	Complete shoots; Before flowering.	3-4
Legumes	During vegetation 2 applications every 7-10 days before flowering.	3-4

Nordfert SulfoBor

Composition	W/V, %
Total nitrogen (N)	11
Ammoniacal nitrogen (NH_4-N)	11
Sulphur (SO_3) / (S)	31 / 12,4
Boron (B)	8
Molybdenum (Mo)	0,95

- Fertilizer aimed for improvement of flowering, seed quality and yields.
- Helps increase protein content and seed quality (oil content, gluten), and enhances resistance to pests and diseases.
- Sulphur stimulates the root development and the performance of seeds.
- Molybdenum enhances nitrogen metabolism.

Crops	Growth stage	Dosage (kg/ha)
Cereals	Before tillering; Tillering; Heading.	3-4 4-5 3-4
Oilseed rape	8-10 leaf phase; Every 10-14 days.	3-5
Corn	6-8 leaf phase; Every 10-14 days – 2 applications.	3-4
Potato	Complete shoots; Before flowering.	3-4
Legumes	During vegetation 2 applications every 7-10 days before flowering.	3-4

Organic Fertilizers

Fertilizers that improve soil fertility and aeration, help restore and maintain biological activity, produce quality and yield.

Packing: 20 L
Recommended water amount: field crops – 150-300 L/ha, greenhouses/garden – 150-300 L/ha.

Nordfert AminoCare 25%

Organic Fertilizer Solution	
Composition	**W/V, %**
Total nitrogen (N)	3
Ureic nitrogen (NH_2-N)	3
Organic matter	40
Amino acids	25
Fulvic acid	4
Seaweed	4
Boron (B)	0,02
Iron (Fe), EDTA	0,04
Manganese (Mn), EDTA	0,07
Molybdenum (Mo)	0,01
Zinc (Zn), EDTA	0,08

- Very effective bio-stimulants rich in amino acids, organic additives and microelements.
- Amino acid quickly restores the synthesis of enzymes and proteins that stimulate the process of photosynthesis and plant nutrition.
- Improves absorption of nutrients by roots and activates root development.
- Increases the resistance to stress conditions (cold, hail, drought, chemical burns, etc).
- Improves the taste, color, texture, and prolongs shelf life.

Crops	Growth stage	Dosage (l/ha)
Cereals	Spray 1-2 times from the beginning of tillering until the end of stem elongation.	0,5-1,5
Oilseed rape	Spray 1-2 times when the plants have 4-6 leaves.	0,5-1,5
Sugar beet	Spray 1-2 times when the plants have 4-8 leaves.	1,0-1,5
Potatoes	2-3 times during seedling stage and growth stage.	1,0-1,5
Corn	Spray 1-2 times when the plants have 2-10 leaves.	0,5-1,5
Legumes	2-3 times during seedling stage and growth stage.	1,0-1,5
Strawberry	2-3 times during seedling stage and growth stage.	1,0-1,5
Fruit trees and shrubs	2-3 times during seedling stage and growth stage.	1,0-1,5
Vegetables	2-3 times during seedling stage and growth stage.	1,0-1,5

Nordfert AminoCare 12%

Organic Fertilizer Solution	
Composition	**W/V, %**
Total nitrogen (N)	5
Ureic nitrogen (NH_2-N)	5
Organic matter	35
Amino acids	12
Fulvic acid	4
Seaweed	3
Boron (B)	0,03
Copper (Cu), EDTA	0,03
Iron (Fe), EDTA	0,07
Manganese (Mn), EDTA	0,07
Molybdenum (Mo)	0,01
Zinc (Zn), EDTA	0,07

- Bio-stimulant rich in amino acids, organic additives and microelements.
- Amino acid quickly restores the synthesis of enzymes and proteins that stimulate the process of photosynthesis and plant nutrition.
- Improves absorption of nutrients by roots and activates root development.
- Increases the resistance to stress conditions (cold, hail, drought, chemical burns, etc.).
- Improves the taste, colour, texture, and prolongs shelf life.

Crops	Growth stage	Dosage (l/ha)
Cereals	Spray 1-2 times from the beginning of tillering until the end of stem elongation.	0,5-1,5
Oilseed rape	Spray 1-2 times when the plants have 4-6 leaves.	0,5-1,5
Sugar beet	Spray 1-2 times when the plants have 4-8 leaves.	1,0-1,5
Potatoes	2-3 times during seedling stage and growth stage.	1,0-1,5
Corn	Spray 1-2 times when the plants have 2-10 leaves.	0,5-1,5
Legumes	2-3 times during seedling stage and growth stage.	1,0-1,5
Strawberry	2-3 times during seedling stage and growth stage.	1,0-1,5
Fruit trees and shrubs	2-3 times during seedling stage and growth stage.	1,0-1,5
Vegetables	2-3 times during seedling stage and growth stage.	1,0-1,5

Nordfert HumiCare 22%

Organic Fertilizer Solution	
Composition	**W/V, %**
Total nitrogen (N)	3,6
Ureic nitrogen (NH_2-N)	3,6
Potassium (as K_2O)	4,8
Humic acid	22
Fulvic acid	4,8

- Increases nutrient content in the soil, soil fertility and water-holding capacity.
- Stimulates soil microorganisms and increases the process of natural decay of organic matter.
- Improves root development for better absorption of fertilizers.
- Improves germination and seed viability.
- Helps reduce stress from the effects of heavy metals and toxic chemicals in the soil.
- Improves soil pH.

Nordfert HumiCare 12%

Organic Fertilizer Solution	
Composition	**W/V, %**
Total nitrogen (N)	4
Ureic nitrogen (NH_2-N)	4
Potassium (as K_2O)	8
Humic acid	12
Fulvic acid	3

Plants	Dosage per application for irrigation (l/ha)
Fruit trees	10-20
Horticulture	10-20
Ornamentals	10-15
Nurseries	0,5-1 L/1000 L of water

Nordfert Seaweeds 12%

Organic Fertilizer Solution	
Composition	**W/V, %**
Total nitrogen (N)	3,6
Ureic nitrogen (NH_2-N)	3,6
Potassium (as K_2O)	3,6
Organic matter	42
Amino acids	4,8
Fulvic acid	4,8
Seaweed	14,4
Boron (B)	0,036
Copper (Cu), EDTA	0,036
Iron (Fe), EDTA	0,084
Manganese (Mn), EDTA	0,084
Molybdenum (Mo)	0,012
	0,084

- Seaweed extract contains natural plant growth-hormones and a variety of natural nutrients and trace elements.
- Contains antioxidants that help the plant fight bacteria and viruses.
- Improves the quality of grains, crops and fruits.
- Promotes the development of shoots and roots, stimulates cell division.
- Seaweeds are biological stimulants and are recommended when the plants have symptoms of nutrient deficiency. Seaweeds boost the immune system after the use of chemicals and pesticides (acts as vitamin complex).

Dosage: 1-3 L/ha depending on the type of crops and nutritional needs.

Nordfert liquid fertilizers

	N			P_2O_5	K_2O	MgO	Mg	CaO	S	SiO_2	B	Cu	Fe	Mn	Mo	Zn	Average dose (l/ha)
	NO_3-N	NH_4-N	NH_2-N	Volume percent composition (%)													
Nordfert Micro B 151 g/l	-	-	-	-	-	-	-	-	-	-	15.1	-	-	-	-	-	1-3
Nordfert Micro Fe 100 g/l	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	1-2
Nordfert MicroMn 165 g/l	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	-	-	1-2
Nordfert MicroZn 140 g/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	1-2
Nordfert MicroCu 55 g/l	2.5	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	1-2
Nordfert Max Micro	-	-	-	-	-	1.6	0.96	-	-	-	0.5	0.5	3	3	0.008	3	1-3
Nordfert CalBor	10	-	-	-	-	-	-	12	-	-	0.25	-	-	-	-	-	2-4
Nordfert 12%CaO+4%MgO	8.6	-	-	-	-	4	2.41	12	-	-	-	-	-	-	-	-	2-4
Nordfert KTC *(41,5% organic matter)*	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	4-5
Nordfert KTS	-	-	-	-	36	-	-	-	25	-	-	-	-	-	-	-	4-5
Nordfert KSI 44	-	-	-	-	33.6	-	-	-	-	31.9	-	-	-	-	-	-	0.5-1
Nordfert KAPP	-	7	-	38	18	-	-	-	-	-	-	-	-	-	-	-	4-5
Nordfert Max-DKP	-	-	-	33	42	-	-	-	-	-	-	-	-	-	-	-	3-5
Nordfert ManPhos	5.5	5.5	-	61	-	-	-	-	-	-	-	-	-	-	-	-	3-4
Nordfert 39-0-0+0.5%MgO+Fe+Mo	7.67	7.23	24.1	-	-	0.5	0.3	-	-	-	-	-	0.01	-	0.005	-	4-6
Nordfert 10-0-6+3%MgO+Micro	6.92	3.07	-	-	6	3	1.81	-	-	-	0.018	0.035	0.07	0.035	0.006	0.012	3-5
Nordfert 12-4-7+Microelements	5.76	6.23	-	4	7	-	-	-	-	-	0.018	0.035	0.07	0.035	0.006	0.012	3-5
Nordfert 7.5-35-0+0.6%Zn+0.4%B	3.75	3.75	-	35	-	-	-	-	-	-	0.4	-	-	-	-	0.6	3-5
Nordfert 4-25-10+8%CaO	4	-	-	25	10	-	-	8	-	-	-	-	-	-	-	-	3-5
Nordfert 8-8-8+Microelements	3.187	4.837	-	8	8	-	-	-	-	-	0.018	0.035	0.07	0.035	0.006	0.012	4-6
Nordfert UreaPhosphate	-	-	12	28	-	-	-	-	-	-	-	-	-	-	-	-	3-5
Nordfert Energy Plus *(50% organic matter)*	-	-	16	7	8	-	-	-	-	-	-	-	-	-	-	-	0.5-1

Nordfert powder fertilizers

	N			P_2O_5	K_2O	S	SO_3	Mg	MgO	B	Cu	Fe	Mn	Mo	Zn	Average dose (kg/ha)
	NO_3-N	NH_4-N	NH_2-N													
Nordfert 28-14-14+Microelements	3.9	2.76	21.34	14	14	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-6
Nordfert 29-8-11+1.7%Mg+3.25%S+Micro	3.12	3.26	22.5	8	11	3.25	8.1	1.7	2.8	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 15-5-5+9%Mg+11.5%S+Micro	-	1.2	13.8	5	5	11.5	28.75	9	14.9	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 13-40-13+Microelements	-	7.32	5.68	40	13	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 14-40-5+Microelements	-	12	2	40	5	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 12-50-6+0.8%Mg+1.5%S+Micro	-	9	3	50	6	1.5	3.75	0.8	1.32	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 12-12-36+Microelements	8.4	2.4	1.15	12	36	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 19-6-20+Microelements	-	5.2	13.8	6	20	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 13-5-26+Microelements	-	6.2	6.8	5	26	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 10-5-35+Microelements	-	1.95	8.05	5	35	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 17-10-27+Microelements	2.19	1.97	12.84	10	27	7	17.5	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 5-20-35+7%S+Microelements	2.6	2.4	-	20	35	7	17.5	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert Super Micro	-	-	-	-	-	-	-	1.4	2.3	0.5	1	4	4	0.03	4	1-3
Nordfert 6%Zn+5%B+3%Mg	-	-	-	-	-	-	-	3	5	5	-	-	-	-	6	2-4
Nordfert 20-20-20+Microelements	-	1.6	18.4	20	20	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert 18-18-18+Microelements	-	4.2	13.8	18	18	-	-	-	-	0.025	0.015	0.05	0.04	0.001	0.03	3-5
Nordfert UreaPhosphate	-	-	17	44	-	-	-	-	-	-	-	-	-	-	-	3-5

Nordfert suspension fertilizers

	N			P_2O_5	K_2O	MgO	Mg	CaO	S	SO_3	B	Cu	Fe	Mn	Mo	Zn
	NO_3-N	NH_4-N	NH_2-N	Volume percent composition (%)												
Nordfert 10-6-60 +Microelements	8,1	-	1,9	6	60	0,5	0,3	-	12,2	30,5	0,006	0,017	0,11	0,054	0,0017	0,058
Nordfert 20-50-10 +Microelements	2,8	3,0	14,2	50	10	1	0,6	-	3,6	9	0,008	0,04	0,165	0,082	0,0016	0,082
Nordfert 25-25-25 +Microelements	10,6	0,8	13,6	25	25	0,5	0,3	-	1,1	2,75	0,011	0,019	0,10	0,051	0,005	0,054
Nordfert BoronPlus	1,8	-	-	19,5	-	-	-	3	-	-	15	-	-	-	-	-
Nordfert Sulfobor	-	11	-	-	-	-	-	-	12,4	31	8	-	-	-	0,95	-

Nordfert organic fertilizers

	N			P_2O_5	K_2O	Organic matter	Fulvic acid	Amino acid	Humic acid	Seaweeds	B	Fe	Cu	Mn	Mo	Zn
	NO_3-N	NH_4-N	NH_2-N													
	Volume percent composition (%)															
Nordfert AminoCare 25%	-	-	3	-	-	40	4	25	-	4	0,02	0,04	-	0,07	0,01	0,08
Nordfert AminoCare 12%	-	-	5	-	-	35	4	12	-	3	0,03	0,07	0,03	0,07	0,01	0,07
Nordfert HumiCare 22%	-	-	3.6	-	4.8	-	4.8	-	22	-	-	-	-	-	-	-
Nordfert HumiCare 12%	-	-	4	-	8	-	3	-	12	-	-	-	-	-	-	-
Nordfert Seaweed 12%	-	-	3.6	-	3.6	42	4.8	4.8	-	14.4	0.036	0.084	0.036	0.084	0.012	0.084


NORDFERT fertilizers -
Higher yields, better quality!

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