Anlundo Company Profile

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01 COMPANY

Anlundo Marine Biotechnology(Shandong) Co., Ltd was established in 2001 and is located in Shanghe Economic Development Zone, Jinan City, Shandong Province. It is a subsidiary of Canada Anrendo Natural Products Technology Co., Ltd in Shandong. There is also an office in Beijing.

Anlundo mainly studies the practical application of natural biostimulants and active synergistic substances in agriculture, and has more than 24 years of crop application solutions in China.

Not only do we know our products, but we also know traditional crop protection products and fertilizers, which is what enables us to work closely with biostimulant, crop protection and fertilizer companies and develop tailor-made solutions, which is what makes us stand out among biostimulant companies.

We mainly uses Sargassum imported from Indonesia as raw material, combined with Ascophyllum nodosum imported from Canada and lignite imported from Russia, to produce a series of products through Bacterial and Enzymatic Extraction process, which can retain biologically active substances to the greatest extent. Our products include seaweed extract, seaweed enzymes, seaweed oligosaccharides, seaweed trace elements, fulvic acid iron, chelated iron titanium, etc., so that fertilizer manufacturers and growers around the world can have high-quality products.

Seaweed’s advantage

The island is undeveloped, rich in natural seaweed resources, it’s far from cities and there is no industrial pollution.

Located in a volcanic eruption area, it is rich in mineral elements, especially calcium.

Peat resources are abundant in Indonesia, and a large amount of rainwater washes soluble organic carbon into the sea, enriching the seaweed, mannitol and biostimulants are high.

Indonesia is located in the tropics, the temperature is high all the year, the seaweed grows fast, and the growth hormone level is very high.

Market in the World

The brand influence gradually spread from Canada, America and South America, Indonesia, Vietnam, Japan and South Korea.

Our brand influence gradually spread from Canada, the United States and South America to Indonesia, Vietnam, Japan and South Korea, Spain an Turkey, etc.

Now Anlundo is already a well-known Chinese specialty fertilizer brand overseas.

We will stick to our philosophy and take the seaweed technology benefit to world agriculture.

02 FACTORY

Our factory is located in Shanghe County Chemical Industry Park, Jinan city, Covering an area of 200000m^2 , total investment RMB120 million, and annual production capacity 10000 tons. With world-leading production and advanced filling equipment, we provide OEM/ODM one-stop service from raw materials, formula, label design to production and canning.

Factory

Equipment

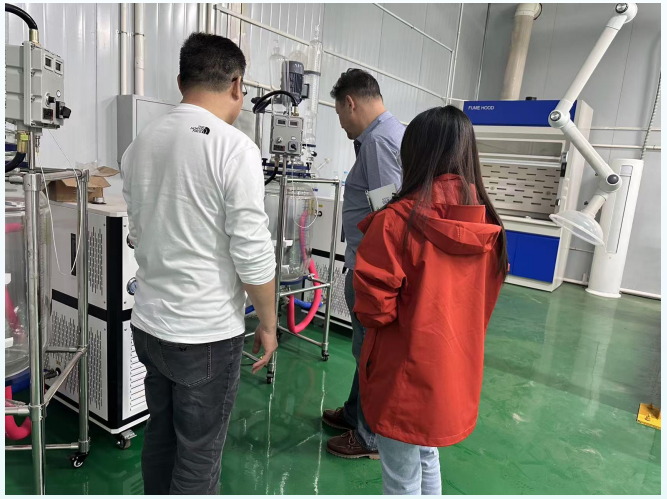
Low temperature

OVERLAPPING EXTRACTION

core technology

Anlundo has mastered the core technology of innocative bacterial and enzymatic extraction process.

October 17th, 2024, our spanish customer visited our factory.



February 13th, 2025, the Spring Festival holiday has just ended, our Japanese customers came to visit our factory and have business talks.

03 PRODUCT

Fulvic Acid Iron(Fulvic acid series trace element products can be customized)

Appearance: Flake

Main Ingredient: Fe≥6%

Product Information:

This product is an organic complex of fulvic acid extracted from lignite and trace element iron. It has a high absorption rate and fast fertilizer effect.

Product Efficacy:

①Stimulate the biological activity of plants, promote the greening of leaves, improve photosynthesis.

②Prevent and correct iron deficiency symptoms in crops.

Usage:

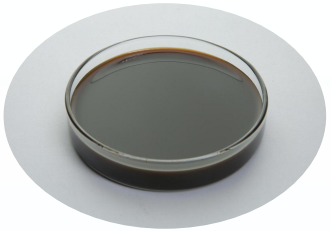
Foliar spraying: Dilute 3000-5000 times.
Drip irrigation or flushing: 750g-1.5kg per ha.

The differences from Fe6 and EDTA Fe

① Fulvic acid iron is an organic chelated iron, safe and environmentally friendly, with high absorption and utilization rate.
② Fulvic acid iron is more stable in alkaline soil, and its absorption and utilization rate is 3 times that of Fe6 and 40 times that of EDTA Fe.
③ Fulvic acid organic iron can activate the soil and coexist with soil microorganisms. EDTA Fe can not coexist with soil microorganisms.

Cabbage Growing Period



Seaweed Oligosaccharide Liquid/Seaweed Extract

Appearance: Flake

Main Ingredient:

Liquid: Seaweed Oligosaccharide≥60g/L Organic Matter≥100g/L

Flake: Seaweed Oligosaccharide≥25% Alginic Acid≥10% Organic Matter≥45%

Product Information:

This product uses imported seaweed as raw material, and is activated and extracted through biological overlapping process. It is rich in natural algae-derived active substances such as alginic acid, mannitol, betaine, polysaccharides, oligosaccharides,etc.

Product Efficacy:

① Promote the growth and development of crop roots, and increase the utilization rate of fertilizer.

② Improve the stress resistance of crops, increase yield and improve quality.

Usage:

Foliar spraying: dilute 1000-1500 times;

Drip irrigation or flushing: 3kg-4.5kg per ha each time.

Our Advantages

① We use imported seaweed fron Indonesia as raw material.
② Bacteria and enzymes combined extraction decompose alginate into small molecular oligosaccharides, which are easier to absorb. Maximum retent of active ingredients such as mannitol, betaine, etc.
③ Metabolites of specific microorganisms can regulate plant growth and development.
④ Stable in both acidic and alkaline soils, effectively absorbed and utilized by plants; Good compounding properties and can be compounded with calcium.

Seaweed Extract promote roots growth in the early stage,the root is more and longer

Nourish the roots and promote thicker and greener leaves in seedling stage.

Seaweed Enzyme1

Appearance: Powder
Main Ingredient:

Seaweed Enzyme1 20USP u/g Seaweed Oligosaccharide 1%

Product Information:

It can generate new roots in 3 days and burst roots in 7days. It has high activity, long lasting efect, high atsbility and safety.

Product Efficacy：

① Rapid rooting: Break seed dormancy, promote seed germination and increase germination rate.

② Root nourishment and root protection: Enhance enzyme activity.

③ Balanced nutrition: Promote the rooting and seedling growth of crops.

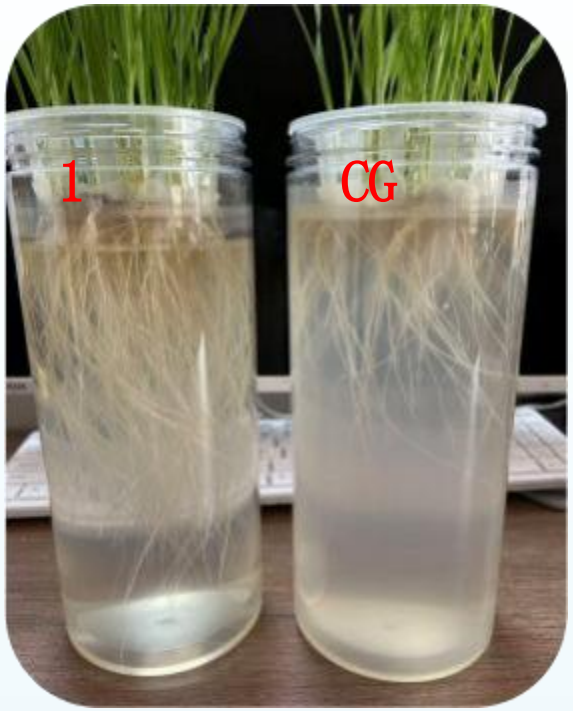
④ Resisting adversity: slow down metabolism and maintain osmotic pressure balance in the body, resist adversity.

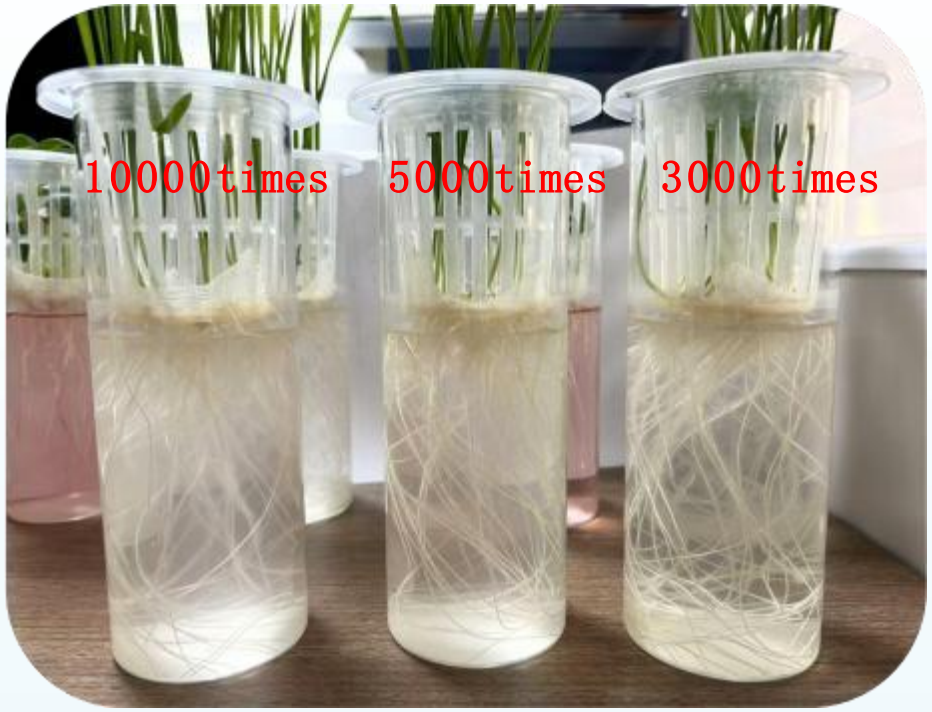
Usage:

Foliar Spray: 30-45g per ha.
Drip irrigation: 250g per ha.

Wheat Roots Comparison

The taproot is thick and the capillary roots are numerous and long.





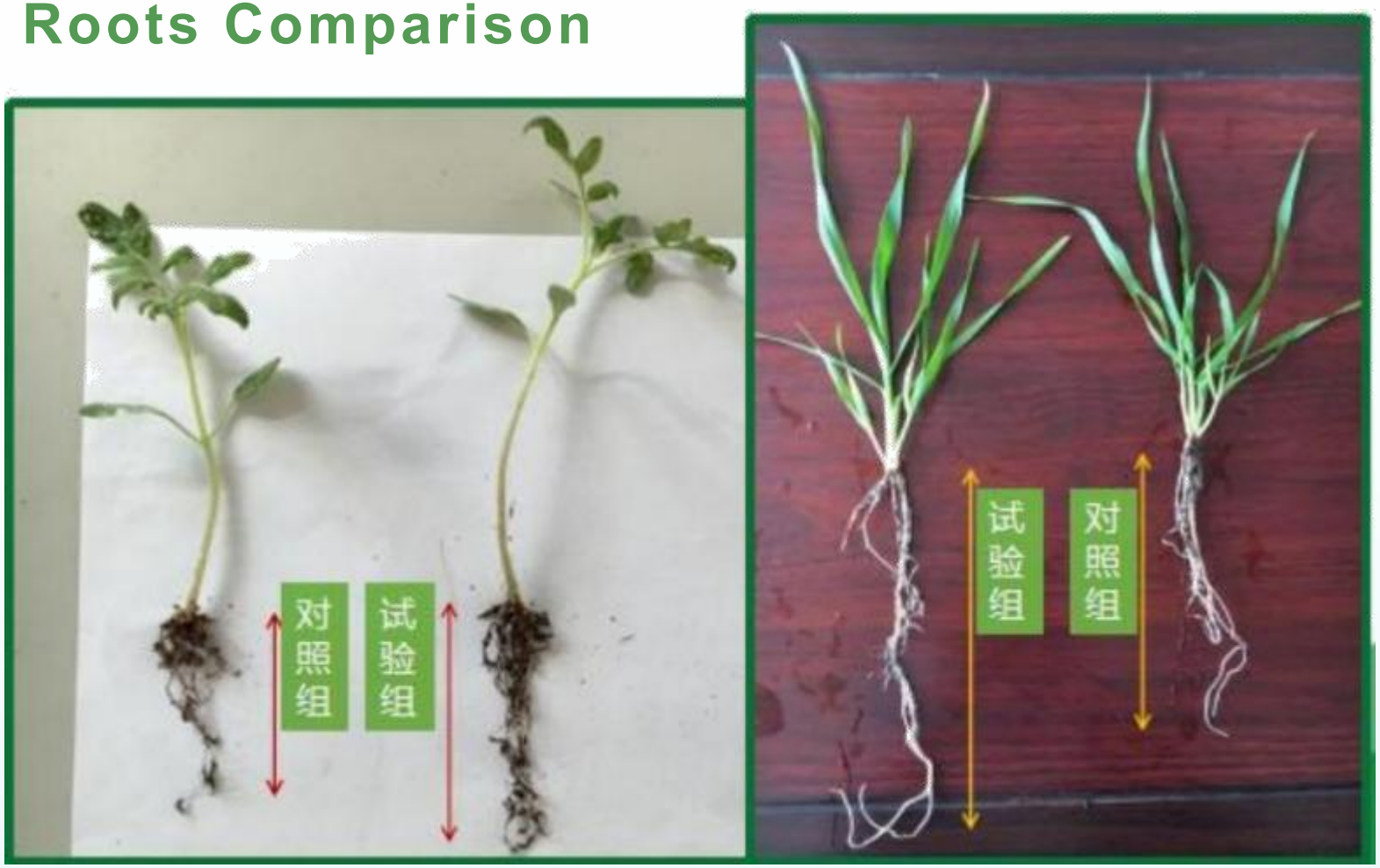
Different dilution times, root growth status.

Rice Roots Comparison

Roots are short and less, stem is thin

Roots are long and more, stem is strong

Roots Comparison



CG EG EG CG

Seaweed Enzyme2

Appearance: Powder
Main Ingredient:

Seaweed Enzyme2 20USP u/g　　Seaweed Oligosaccharide 0 . 5%

Product Information:

This product is a pure natural organic extract, a broad-spectrum synergistic adjuvant. It ’s also Special-synergist for herbicide, fungicide and pesticide.

Product Efficacy:

① Promote thick and green leaves, preserve flowers and fruits.

② Promote crops to absorb mineral elements, increase protein and sugar content, and improve quality.

③ Promote crops to absorb water, reduce evaporation,and increase crop drought resistance.

④ Enhance the adhesion and spreading ability ofthe liquid medicine on the surface ofplants or pests, enhance the pesticide effect, it also supplement nutrition for crops and promote crop growth.

Usage:

Foliar Spraying: 45-75g per ha.
Drip irrigation 450-600g per ha.

Rice

1. Live stalks mature. When the rice matures, the stems are still green.
2. The rice grains are fuller.
3. The thousand-grain weight is heavier.
4. Increase yield by 1000kg per hectare.

Fruit and Vegetables

1. More fruit, higher sugar content and brighter color.
2. Higher quality fruit, better taste.
3. Fruits are uniform in size and have high economic value.

Seaweed Oligosaccharide Trace Element(Can be customized according to different crops in different countries)

Appearance: Freeze-dried Powder

Main Ingredient:

Oligosaccharide≥10% Total sugar≥35% Organic Matter≥35% Trace Element≥10%

(Fe≥3.0% Zn≥2.5% Mn≥2.5% B≥1.2% Cu≥1.0% Mo≥0.2%)

Product Information:

This product is made of oligosaccharides extracted from imported seaweed and trace elements such as zinc, iron, manganese, boron, molybdenum and copper through biological chelation, which can effectively regulate the growth and development of plant roots, stems, leaves, flowers and fruits.

Product Efficacy:

① Balanced nutrition, scientific ratio, containing 6 trace elements necessary for crop growth.

② Strong water solubility and is easily absorbed and utilized by crops.

③ Improve leaf color and fruit flavor, enhance quality.

④ Prevent and correct nutrient deficiencies in crops and unleash the potential for increasing crop yields.

Usage:

Foliar spray: 3000-5000 times;

Drip irrigation: 1.5kg-3kg per ha.

Fulvic Acid Chelated Medium Element&Trace Element

Product Information:

According to the current agricultural planting habits and crop fertilizer requirements, fulvic acid extracted from lignite is refined with the medium and trace elements required for each stage of plant growth.

Regulate and release various nutrients, significantly improve and promote the absorption and utilization of various nutrients by crop roots.

Reduce the occurrence of diseases, greatly reduce deformed fruits, increase sweetness and color, and significantly improve crop yield and quality.

Product Efficacy:

① Retain water and fertilizer to break up compaction.
② Slow-release and long-lasting effect to resist repeated cropping.
③ Promote growth, improve quality and increase yield.

Corn

Rice

Chelated Fe&Ti

Appearance: Powder

Main Ingredient: Ti ≥ 8% Fe 1.8%

Product Information:

Anlundo chelated Fe&Ti is the most water-soluble and stable state of titanium, and it is also the most plant-friendly state. It can promote natural color change, increase sugar content, improve coloring effect, improve fruit quality.

Product Efficacy:

① The intensity of crop photosynthesis increased by 6.6-85.8%, the chlorophyll content increased by 9.0-21.7%.

② The nitrogen fertilizer utilization rate increased by 6.6-13.7%, the phosphorus fertilizer increased by 29.0%, the potassium fertilizer increased by about 20%.

③ Promote dry matter accumulation, promote crops to mature 7-10 days early, improve economic benefits.

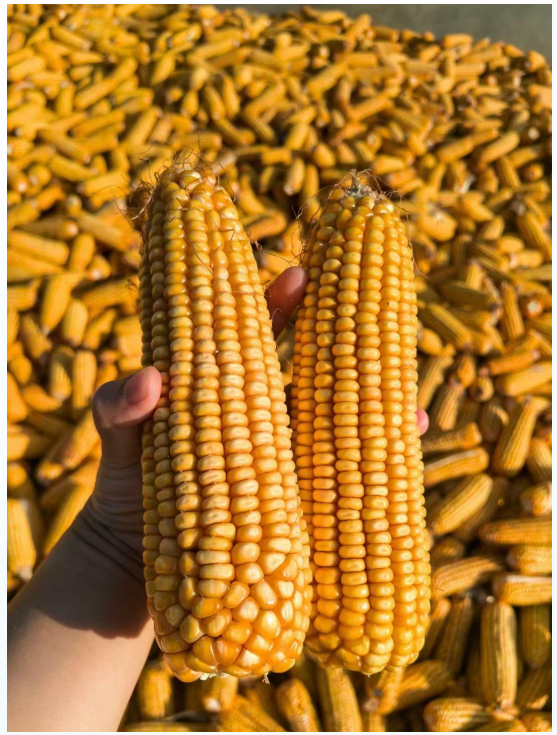
Application crops:

Used in the vegetative growth period of vegetables, fruits, soy, sugarcane and field crops;

Crops that need to change color when the fruit matures, such as grapes, strawberries, apples, etc.

Strawberry

Cherry



Corn

90% Brown Algae Oligosaccharide

Appearance: Powder

Main Ingredient: Oligosaccharide≥90%

Product Information:

Small molecular weight 400-800, degree of polymerization between 2-4, extracted by bacterial enzyme combined process, high biological activity, good compatibility.

Product Efficacy:

① Promote crops growth, increase nutrient utilization rate, increase yield.

② Improve crops stress resistance.

③ Enhance the efficacy of fertilizers and pesticides.

Product Usage:

Foliar Spraying: Dilute 30000-50000 times；

Drip Irragation or Flushing: 120-150g per hectare.

Trace Element Ti

Appearance: Liquid

Main Ingredient:

Oligosaccharide≥3g/L Zn≥32g/L Fe≥26g/L
Cu≥5.5g/L Mn≥52.7g/L Ti≥10g/L

Product Information:

Titanium fertilizer is a nutrient fertilizer with titanium as the main effective substance. Titanium fertilizer can not only promote the growth and development of crops, but also increase the crops yield.

Product Efficacy:

① Improve the intrinsic quality of crops.
② Enhance crop resistance, eliminate or reduce the damage of pesticides to plants.
③ The utilization rate of fertilizers in the soil by crops can be increased by 20%-30%.

Usage:

Foliar spraying: Dilute 500-1000 times
Drip irrigation: 2L-3L per ha.

EDDHA Ni

Appearance: Liquid
Main Ingredient:
Ni ≥ 30g/L Organic Matter≥100g/L
Product Efficacy:
① Good for seed germination and seedling growth, improves seed survival rate.
② Catalyze urea degradation, prevent fertilizer damage.
③ Prevent diseases, prevent rust of cereal crops, rice leaf blight, cotton wilt, etc. Promote the healthy growth and development of crops.
Usage:
① Use at low concentration when urea is the only nitrogen source to prevent nickel poisoning.
② Foliar spraying: dilute 1000-1500 times, can be used with macronutrients, humic acid fertilizers, amino acid fertilizers, nitrogen fertilizers, and other foliar fertilizers and drip irrigation fertilizers.
③ Seed dressing, dilute 2000 times, can be used with seed coating machine.

EDDHA Co

Appearance: Liquid

Main Ingredient:

Co ≥ 30g/L Organic Matter≥100g/L

Product Efficacy:

① Participate in nitrogen fixation of various plant rhizobia, and improve nitrogen fixation efficiency.

② Stimulate growth and promote elongation of stems, buds, and coleoptiles.

③ Stabilize chloroplasts, promote photosynthesis, and increase grain yield.

Usage (seed dressing, leaf spraying):

① Use on soils deficient in cobalt.

② Seed dressing, dilute 2000 times, can be used with seed coating machine.

③ Leaf spraying: dilute 1000-1500 times. It can be used with macronutrients, humic acid fertilizers, amino acid fertilizers, foliar fertilizers and drip irrigation fertilizers.

Seaweed Oligosaccharide Polypeptide Se

Appearance: Liquid

Main Ingredient:

Oligosaccharide 48g/L Amino acid 100g/L Se ≥ 4.5g/L Zn+B ≥ 20g/L

Product Information:

This product uses pure imported wild seaweed as raw material, extracts brown algae oligosaccharides through biological overlapping process, and is scientifically matched with selenium chelate.

Product Efficacy:

① Stimulate plant growth, enhance photosynthesis and respiration, and increase dry matter accumulation.

② Enhance plant antioxidant effects, promote the absorption of glutathione and improve fruit quality.

Usage:

Foliar spraying: Dilute 300-500 times.

Seaweed Oligosaccharide Ca

Appearance: Liquid
Main Ingredient: Oligosaccharide ≥ 18g/L Ca ≥ 150g/L
Product Information:

This product is an organic small molecule calcium formed by chelating the brown algae oligosaccharide liquid extracted from pure imported wild bubble algae with calcium element. It is a new type of nutrient.

Product Efficacy:

① Prevent fruit cracking, poor taste, bitter pit disease, water core disease, black heart disease and other physiological diseases caused by calcium absorption disorders.

② Increase crop disease resistance, improve the appearance quality, shelf life and taste of fruits.

③ Oligosaccharides enhance the resistance of crops to drought, salt damage, frost damage, sunburn, pests diseases, etc.

Usage:

Foliar spraying: Dilute 800-1000 times.

Drip irrigation: 15-30L per ha.

Applicable crops:

This product is suitable for fruits, vegetables, fruit trees, fields, gardens, flowers and other crops.

Seaweed Oligosaccharide Zn

Appearance: Liquid

Main Ingredient:

Oligosaccharide ≥ 27g/L Zn 120g/L Organic Matter≥100g/L

Product Information:

This product is an organic small molecule zinc formed by chelating the brown algae oligosaccharide liquid extracted from pure imported wild bubble algae with zinc element. It is a new type of nutrient.

Product Efficacy:

① It is hormone-free and residue-free, safe and efficient.

② Replenish zinc, improve the success rate of pollination, and promote the formation of floral organs.

③ Prevent physiological diseases caused by zinc deficiency such as small leaf disease and yellow leaf disease.

Usage:

Foliar spraying: Dilute 1200-1500 times.

Application crops:

Vegetables, fruit trees, flowers, tea, medicinal materials and field crops.

Seaweed Oligosaccharide Ca&B

Appearance: Liquid

Main Ingredient:

Oligosaccharide ≥ 18g/L Ca ≥30g/L B≥ 35g/L Organic Matter≥100g/L

Production Information:

This product uses oligosaccharides extracted from imported seaweed are scientifically combined with calcium and boron, which has high content and good mobility.

Product Efficacy:

① Good mobility, can be transported freely in xylem and phloem.

② Improve the utilization rate of medium element and improve crop nutrition.

Usage:

Foliar spraying: Dilute 1000-1500 times.

Drip irrigation or flushing: 7.5L-15L per ha.

Seaweed Oligosaccharide Ca&Mg

Appearance: Liquid

Main Ingredient: Oligosaccharide 18g/L Calcium + Magnesium 100g/L Seaweed enzyme 1

Production Information:

This product is made by chelating the brown algae oligosaccharide liquid extracted from imported wild bubble algae with calcium and magnesium.

Product Efficacy:

① Water retention, cold resistance, pest control, and improvement of soil structure.

② Improve yellow leaves, dead trees, cracked fruits and weak roots caused by calcium and magnesium deficiency.

③ It can prolong the freshness and storage time of fruits.

Usage:

Drip irrigation 75-150L per ha.

Applicable crops:

Onions, potatoes, sweet potatoes, scallions, ginger, garlic, etc.

Seaweed Oligosaccharide B&Mo

Appearance: Liquid
Main Ingredient: Oligosaccharide 13g/L B100g/L Mo ≥10g/L Organic matter 100g/L
Product Information:
The combination of seaweed chelated boron and molybdenum has a synergistic effect.
Product Efficacy:
① Reduce flower and fruit drop, and increase fruit setting rate;
② Increase the number of nodules in leguminous crops and enhance the nitrogen fixation effect of rhizobia.
Usage:
Foliar spraying: Dilute 1500-2000 times;
Seed dressing: 75-150mL/ha;
Drip irrigation: 3L-7.5L per ha.
Applicable crops:
Field crops: peanuts, soybeans, cotton, rapeseed, etc.;
Vegetable crops: cucumber, tomato, cauliflower, radish, pepper, etc.;
Fruit trees: apple, grape, citrus, winter jujube, etc.

Dojin Si

Appearance: Liquid
Main Ingredient: Si 100g/L Organic matter 100g/L K2O 100g/L
Product Information:

This product is an organic active silicon made by seaweed oligosaccharides through low-temperature enzymatic hydrolysis, adding monosilicic acid and plant growth nutrient elements to chelate, which improves the effect of silicon.

Product Efficacy:

① Supplement the silicon element needed by plants, strengthen stems, and prevent lodging;
② Resist low temperatures, and make new shoots grow strong;
③ Increase the storage resistance of agricultural products, and have a long shelf life;
④ Inhibit soil-borne diseases, adjust acidity and salt pressure, and control nematode activity.
⑤ Loosen the soil, increase soil porosity, prevent premature aging of the root system.

Seaweed Polypeptidase

Appearance: Liquid

Main Ingredient:

Organic matter ≥ 100g/L Oligosaccharide ≥ 36g/L Polypeptide 100g/L Zn ≥ 14g/L

B ≥ 10g/L Mn ≥ 6g/L Fe ≥ 3g/L Mo ≥ 0.5g/L

Product Information:

① Activate beneficial microorganisms in the soil, decompose harmful microorganisms, improve the soil microenvironment.

② Alleviate plant damage caused by fertilizer damage, drug damage and diseases.

③ Rich in peptides, oligopeptides, and numerous free amino acids, can be directly absorbed and utilized by plants.

④ Promote balanced plant growth and improve quality.

Usage:

Foliar spraying: Dilute 500-1000 times;

Drip irrigation: 1.5-3L/ha;

Seed dressing: 2g per 1kg seed.

Seaweed Humic Acid Water-Soluble Fertilizer(Slow-release)

Appearance: Liquid

Main Ingredient:

Oligosaccharide ≥ 25g/L Humic acid ≥ 30g/L N 115g/L P 44g/L K 55g/L

Product Information:

Seaweed humic acid fertilizer is a water-soluble fertilizer containing humic acid substances. After mixing seaweed oligosaccharide solution with humic acid solution, adding nitrogen, phosphorus and potassium elements, it is chelated by a special process.

Product Efficacy:

① Fixed nitrogen, phosphorus and potassium, slowly released and prolonged fertilizer effect.

② It can improve soil structure, adjust soil pH, improve plant absorb nutrients and water, reduce fertilizer loss.

③ Amelioration of acidic soils and improvement of soil granular structure.

Usage:

Foliar spraying: Dilute 300-500 times;

Flushing 75L-150L/ha.

Slow-release Macroelement

Appearance: Liquid

Main Ingredient:

N ≥ 32.2g/L P ≥ 224g/L K ≥ 297g/L

Product Information:

Bio-chelation technology is used to chelate nitrogen, phosphorus and potassium in a certain proportion, which can be released slowly and prolong the fertilizer effect.

Product Efficacy:

① Supplement the nutrients and alleviate soil nutrient deficiency caused by lack of water and fertilizer.

② Enhance plant immunity, improve metabolism, prevent premature aging.

③ Improve crop resistance to freezing, drought and other adverse conditions and resistance to pests and diseases.

Usage:

Foliar spraying: Dilute 800-1000 times;

Drip irrigation or flushing: 7.5L-15L per ha.

Oligosaccharide Nitro Compound Fertilizer

Appearance: Granule
Main Ingredient:
Oligosaccharide≥0.2%　　N P K 17-17-17
Product Information:
This product has a scientific and rational formula, which can meet the nutritional needs of plants during different growth periods.
Product Efficacy:
① Ensure the formation of various plant organs, accumulate and transform nutrients and energy.
② Improve crop quality and increase yield.
Usage:
Foliar Spray: Dilute with 1000-1500 time.
Flushing: 60-90kg per ha.

Jintu-SYN

Main ingredient:
monoglyceride, fatty alcohol ether, fatty acid, alkyl sulfate, wax solvent

Product efficacy:
1. Derived from natural extracts, green, environmentally friendly, safe and reliable.
2. It has the effect of destroying the wax layer on the surface of plants, high spreading, strong penetration, promoting the absorption and utilization of liquid medicine and fertilizer nutrients by plants, and improving the efficacy of medicine and fertilizer by 30-50%.
3. Reduce the impact of bad weather on the efficacy of medicine, anti-transpiration, rain and wiper resistance, and improve the effect of herbicides, insecticides, fungicides and fertilizers.

Fulvic Acid Calcium

Main Ingredient: Fulvic Acid 8% Ca 5%
Product Efficacy:
1. It is stable in phosphate, sulfate and alkaline systems, and improves the absorption and utilization rate of calcium.
2. Regulate cell osmotic pressure and pH, maintain the stability of the intracellular environment and promote crop growth and development.
3. Good compatibility, can be used with fertilizers, herbicides, insecticides and fungicides, improve fertilizer and drug efficacy.
4. Increase fruit firmness and color, improve fruit taste and flavor, and extend fruit freshness and shelf life.

95% 1-Triacontanol

CAS No.: 593-50-0

Product Information:

Triacontanol is a naturally occurring long-chain fatty alcohol widely found in plant waxes and beeswax. It is a highly effective plant growth regulator that can significantly promote plant growth and development, and improve crop yield and quality. Triacontanol works through multiple mechanisms, including enhancing photosynthesis, promoting root development, and improving nutrient absorption rates.

Product Efficacy:

① Promote root development of crops.
② Enhance photosynthesis.
③ Improve nutrient absorption and utilization.
④ Improve crop stress resistance.

We also export Feed Additives and Plant Growth Regulators to the world:

1-Triacontanol	CAS No. 593-50-0
1-Octacosanol	CAS No. 557-61-9
1-TETRACOSANOL	CAS No. 506-51-4
1-HEXACOSANOL	CAS No. 506-52-5
4-Iodophenoxyacetic acid	CAS No. 1878-94-0
5-Nitroguaiacol sodium salt	CAS No. 67233-85-6

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