

青岛德维普化工有限公司

QINGDAO DEVELOP CHEMISTRY CO., LTD

ORGANIC FERTILIZER / ENZYMOLYSIS FERTILIZER / HYDROLYZED FERTILIZER
MINERAL FERTILIZER / COMPOUND FERTILIZER



COMPANY introduction



ABOUT US

Qingdao Develop Chemistry Co., Ltd. is a leading high-tech enterprise that specializes in the production of a wide range of agricultural fertilizers. Our company has top-of-the-line automated production equipment and a team of professors with extensive expertise in the field. We are dedicated to providing our customers with high-quality, reliable products with a competitive price.

Our main products including amino acid fertilizer, humic acid fertilizer, seaweed fertilizer, fish protein fertilizer, chitosan fertilizer etc. Our products have been exported to more than 70 countries around the world and have earned a reputation for quality and efficiency. With the factory covering an area of 7,000 square meters, equipped with a 500-ton cold storage and an independent R&D laboratory we ensure timely delivery and high-quality products. Our company is committed to the research and development of eco-friendly and sustainable agricultural fertilizer products. We are dedicated to helping farmers improve crop yields while maintaining a healthy ecological balance.

If you are looking for a reliable supplier of agricultural fertilizers, choose Qingdao Develop Chemistry Co., Ltd. With 18 years of export experience, we are a trusted partner in the industry.

SEAWEED EXTRACT FERTILIZER



Seaweed
Extract Powder



Green Seaweed
Extract Fertilizer



Seaweed
Extract Flake



Seaweed
Granular Fertilizer



Seaweed
Liquid Fertilizer

STIMULATES NEW ROOT GERMINATION, PROMOTES ROOT GROWTH, STRENGTHENS ROOT MASS
INCREASE LEAF AREA, EXPAND PHOTOSYNTHESIS, PROMOTE FRUIT EXPANSION AND COLORING
AND INCREASE SUGAR CONTENT;
PROMOTE THE DIFFERENTIATION OF LEAF BUDS AND FLOWER BUDS, INCREASE THE RATE OF
POLLINATION AND FRUIT SETTING, AND INCREASE YIELD;

BASIC INTRODUCTION

product name	Seaweed Extract	Appearance	Black tablet, powder or microgranule green powder
product smell	light seaweed	Product raw material	Ascophyllum irish
Product packaging	500g, 1kg, 5kg, 10kg, 20kg/Kraft paper bag/Woven bag		

BASIC INDICATORS

Alginic acid	16%-40%	organic matter	40%-45%	NPK	20%-22%	pH	8.0-11.0
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INSTRUCTIONS

- Seed soaking, root irrigation, micro-irrigation, drip irrigation, foliar spraying, flushing, etc., at intervals of 7-14 days. Best time to use: morning and evening.
- When the weather is good, spray evenly. Respray once in case of rain within 6 hours after spraying.
- This product is widely used in economic crops such as flowers, vegetables, melons and fruits, grain, cotton and oil, and various field crops.

Type	Foliar spray	Drip irrigation	Seed dressing	compound with fertilizer
powder / flake microparticles	dilution 2000-3000 times	Hectare dosage 400-750g	2 g/kg	Nutritional preparations plus 20-50 kg per ton Add 10-20 kg of fertilizer per ton Add 5-8 kg per ton of compound fertilizer

ORGANIC LIQUID FERTILIZER



Seaweed root fertilizer



Seaweed Phosphorus
Potassium Fertilizer



Alginate Oligosaccharide
Chelated Calcium

SUPPORT OTHER LIQUID FERTILIZER CUSTOMIZATION

BASIC INTRODUCTION-1

Product name	Seaweed root fertilizer			Appearance	Liquid	
Seaweed extract	Alginate Oligosaccharide	Fulvic acid	Nitrogen	Active substance	Betaine	Mannitol
500g/L	10g/L	120g/L	150g/L	100ppm	5g/L	10g/L

INSTRUCTIONS

- Applicable crops: seedling stage and early fruit setting stage of various crops.
- How to use: Drip irrigation 15-30L/ha, or 500-800 times diluted root irrigation Foliar spray 500-800 times.

BASIC INTRODUCTION-2

Product name	Seaweed Phosphorus Potassium Fertilizer			Appearance	Liquid
Seaweed extract	P2O5	K2O	Alginate Oligosaccharide	Fucoidan	
700g/L	250g/L	150g/L	15g/L	50g/L	

INSTRUCTIONS

- Applicable crops: middle and late crop growth.
- Method of use: flushing, drip irrigation, 30L-40L/ha, leaf spray 1000 times.

BASIC INTRODUCTION-3

Product name	Alginate Oligosaccharide Chelated Calcium			Appearance	Liquid
Seaweed extract	Chelated Calcium	Chelated Magnesium	Alginate Oligosaccharide	Mannitol	
600g/L	100g/L	25g/L	10g/L	100g/L	

INSTRUCTIONS

- Applicable crops: the whole growth period of various crops.
- Method of use: flushing, drip irrigation, 15-30L/ha, or 500-800 times diluted root irrigation.

AMINO ACID FERTILIZER



AMINO ACID POWDER



AMINO ACID LIQUID

SUPPLEMENT ESSENTIAL AMINO ACIDS FOR PLANTS, STIMULATE AND REGULATE RAPID PLANT GROWTH PROMOTE PLANT GROWTH AND ROBUSTNESS, AND PROMOTE THE ABSORPTION OF FRUIT AND VEGETABLE NUTRIENTS. ENHANCE THE METABOLIC FUNCTION OF PLANTS, IMPROVE PHOTOSYNTHESIS AND PLAY A FRUITFUL ROLE

BASIC INTRODUCTION

product name	amino acid fertilizer	Appearance	light yellow
product smell	Odorless/Lightly Fragranced	Product raw material	Animal origin/Plant origin
Product packaging	10kg/20kg/25kg kraft paper bag		
basic indicators	Amino acid fertilizer 30%/40%/50%/hydrolyzed 80%/enzymolyzed 80%		

INSTRUCTIONS

-Note for foliar spray, it is best to be used early morning or late evening.

-Enzymatic Amino Acid Powder can be mixed with pesticides for enhanced function of pesticides.

-Timing: To be sprayed at 10 a.m. or 4 p.m. to allow best absorption. Respray: To be resprayed if it rains within 2 hours.

Style of fertilization	Methods of use	Product Scope of Use	Dosage
Spray			100~300g/hectare, 800~1000 times dilution
Fertigation	Foliar fertilizer Irrigation fertilizer Water flush fertilizer	All the crops including: vegetables, tomatoes, olive, trees, fruit trees, citrus trees, vineyards, banana, plantations, gardens, ornamental plants and lawns.	2~4kg/hectare, 200~300 times dilution.

MAIN FEATURES OF ORGANIC FERTILIZER

SEAWEED EXTRACT FERTILIZER

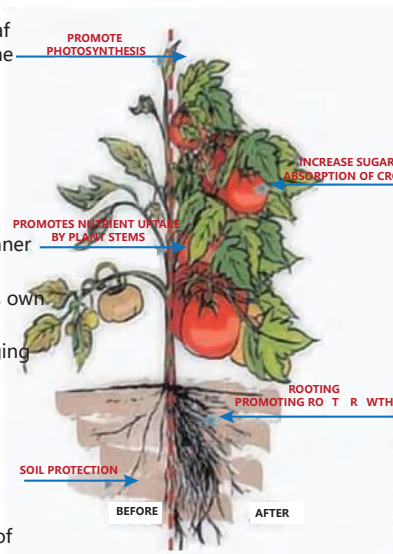
- Increase leaf area, expand photosynthesis, promote fruit expansion and coloring and increase sugar content.
- Promote the differentiation of leaf buds and flower buds, increase the rate of pollination.

FISH PROTEIN FERTILIZER

- Provide nutrients to crops in a comprehensive and balanced manner quickly green leaves.
- Stimulate and enhance the plant's own immune function Enhance crop.
- growth and prevent premature aging
- Anti-dropping, fruit cracking, fruit swelling effect is obvious.

HUMIC ACID/FULVIC ACID

- Improve soil quality.
- Improve the utilization efficiency of nitrogen, phosphorus and potassium fertilizers.
- Improve the water retention capacity of plants drought and flood resistance.



AMINO ACID FERTILIZER

- Supplement essential amino acids for plants, stimulate and regulate rapid plant growth.
- promote plant growth and robustness, and promote the absorption of fruit and vegetable nutrients. Enhance the metabolic function of plants, improve photosynthesis.

IOCHEMICAL FULVIC ACID

- Improve soil nutrient balance. Supplement organic matter, improve crop stress resistance.
- Nutritious and timely supply. It is rich in organic matter, amino acid, protein, nucleic acid biological fulvic acid, etc., which can meet the needs of crops, make crops appear on the market earlier, and prolong the harvesting period.

WE HAVE AN ADVANCED LABORATORY AND A NATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT TEAM, AND CAN FORMULATE THE MOST SUITABLE ORGANIC FERTILIZER FOR YOU ACCORDING TO YOUR CROP GROWTH NEEDS

HUMIC ACID/POTASSIUM HUMATE



POTASSIUM HUMATE
POWDER



POTASSIUM HUMATE
FLAKE



POTASSIUM HUMATE
CRYSTAL

IMPROVE SOIL QUALITY

IMPROVE THE UTILIZATION EFFICIENCY OF NITROGEN, PHOSPHORUS AND POTASSIUM FERTILIZERS.

IMPROVE THE WATER RETENTION CAPACITY OF PLANTS, DROUGHT AND FLOOD RESISTANCE.

BASIC INTRODUCTION

product name Package	Humic acid/Fulvic acid			Appearance	crystal,flake, powder	
and storage	1kg, 5kg, 10kg, 20kg, 25kg woven bag, kraft paper bag, laminated bag					
raw material	humic acid	water soluble	organic matter	Fulvic acid (Contained only in Potassium Fulvic Acid)	pH	Moisture
lignite	55%-65%	fully water soluble Anti-hard water anti-flocculation	≥85%	30-35%	8-10.5	≤18.0
The above indicators can be customized						

INSTRUCTIONS

-Foliar spray: Dilute 1-2 g per liter of water at intervals of 10-15 days.

-Drip irrigation: 6-10 kg per hectare, 10-15 days apart.

FULVIC ACID



BIOCHEMICAL FULVIC ACID POWDER



MINERAL FULVIC ACID FERTILIZER

NUTRITIOUS AND TIMELY SUPPLY. IT IS RICH IN ORGANIC MATTER, AMINO ACID, PROTEIN, NUCLEIC ACID BIOLOGICAL FULVIC ACID, ETC., WHICH CAN MEET THE NEEDS OF CROPS, MAKE CROPS APPEAR ON THE MARKET EARLIER, AND PROLONG THE HARVESTING PERIOD

IMPROVE SOIL NUTRIENT BALANCE. SUPPLEMENT ORGANIC MATTER, IMPROVE CROP STRESS RESISTANCE RESISTANCE TO HEAVY CROPPING, ETC.

BASIC INTRODUCTION

product name	Biochemical fulvic acid			Appearance	dark brown, powder	
Package and storage	25kg/bag. To be stored in cool, dry and ventilated place.					
Total nitrogen (on dry)	K2O (on dry)	Moisture	Organic matter (on dry)	Fulvic acid (on dry)	pH	Arsenic
≥2.0 %	≥8.0 %	≤4.0%	≥55%	30-35%	4.5-6.0	≤15.0 mg/kg

INSTRUCTIONS

-Irrigation/spraying: Dilute the fertilizer with 500-800 times water before irrigation/spraying. Apply 200-400kg/ha.

-Root-irrigation: Dilute the fertilizer with 500-800 times water before irrigation around the roots. Irrigate once every 7-10 days.

-Drop-irrigation: Dilute the fertilizer with 800-1000 times water before irrigation. Irrigate 3-5 times. Apply 200-400kg/ha. Apply with mineral fertilizer for better effect.

FISH PROTEIN FERTILIZER



FISH PROTEIN FERTILIZER 90%



FISH PROTEIN LIQUID FERTILIZER

PROVIDE NUTRIENTS TO CROPS IN A COMPREHENSIVE AND BALANCED MANNER, QUICKLY
GREEN LEAVES STIMULATE AND ENHANCE THE PLANT'S OWN IMMUNE FUNCTION
ENHANCE CROP GROWTH AND PREVENT PREMATURE AGING
ANTI-DROPPING, FRUIT CRACKING, FRUIT SWELLING EFFECT IS OBVIOUS

BASIC INTRODUCTION

product name	fish protein fertilizer	Appearance	Light yellow powder, brown powder, brown liquid	
product smell	fishy smell	fishy smell	Deep Sea Cod Skin	
Product packaging	1kg, 5kg, 10kg, 20kg, 25kg bags			
Basic indicators of powder	crude protein	amino acid	nitrogen	PH
	85%-90%	80%-85%	13.5%-14%	6-8
Liquid Basic Indicators	Crude protein		amino acid	PH
	45%		42%	6-9

INSTRUCTIONS

-This product is widely used in economic crops such as flowers, vegetables, melons and fruits, grain, cotton and oil and various field crops.

Type	Foliar spray	Drip irrigation	compound with fertilizer
Powder	dilution 1500-2000 times	Hectare dosage 800-1000g	Add 20-50 kg/ton
Liquid	dilution 1000-1500 times	per hectare 3-5kg	Add 50-100 kg/ton

ALGINATE OLIGOSACCHARIDE



ALGINATE OLIGOSACCHARIDE LIQUID



ALGINATE OLIGOSACCHARIDE POWDER

PROMOTING PLANT GROWTH: IT CAN SPEED UP THE GROWTH OF CROPS AND SAVE FERTILIZERS
(GROUP A ONLY APPLIES COMPOUND FERTILIZER, GROUP B USES 30% LESS COMPOUND FERTILIZER THAN
GROUP A, AND ADDS 0.1% FUCOIDAN TO THE FERTILIZER SOLUTION; AFTER 21 DAYS, A THE PLANT LENGTH
OF GROUP B IS 20.74CM, AND THE LENGTH OF GROUP B IS 30.90CM, THE EFFECT IS QUITE OBVIOUS)

BASIC INTRODUCTION

product name	Alginate Oligosaccharide	Appearance	Brown powder Brown liquid		
product smell	light seaweed smell	fishy smell	Deep Sea Cod Skin		
Product packaging	500g, 1kg, 5kg, 10kg, 20kg				
Powder	Alginic acid	Oligosaccharide		pH	
	10-80%	45-90%		5-8	
Liquid	Type I	Alginic acid	Oligosaccharide	water soluble	pH
		50g/L	100g/L		
	Type II	Alginic acid	Oligosaccharide	fully water soluble	5-8
		16%	20%		

INSTRUCTIONS

-This product is widely used in economic crops such as flowers, vegetables, melons and fruits, grain, cotton and oil and various field crops.

Type	Foliar spray	Drip irrigation	Seed dressing	compound with fertilizer	
Powder	3-0.6g/barrel of water	75-225g per hectare	0.5-1g/kg	Add 1-4kg/ton	
Liquid	Type I	Foliar spray	Drip irrigation	Seed dressing	compound with fertilizer
		Dilute 800-1000 times	2-5kg per hectare	/	The recommended amount of water-soluble fertilizer is 200-600 kg/ton, and other fertilizers are adjusted according to the formula.
	Type II	1.2-1.5g/barrel of water	20-40g per hectare	2-2.5 g/kg	Add 4-10 kg/ton

NPK GRANULAR COMPOUND FERTILIZER



NPK POWDER



NPK GRANULE

BASIC INTRODUCTION

product name	NPK granular fertilizer npk water soluble fertilizer	Appearance	Granule/Powder color OEM
Package and storage	9.9kg, 25kg, 50kg woven bag, Support custom packaging		
NPK12-12-17	NPK12-24-12	NPK15-15-15	NPK28-5-5
NPK21-0-0	NPK30-10-10	NPK19-19-19	NPK20-20-20
Support formula customization			

PRODUCT ADVANTAGES

-According to the normal law of crops' need for fertilizer and the local soil conditions, when using high-quality nitrogen and phosphorus as the main raw materials for production, adding the necessary medium and trace elements to crops in different formulas and different proportions can significantly improve the yield and quality of crops after being used in the correct way.

PRODUCT PACKAGE



1L/2L
Plastic Bottle



10/20/25/50kg
Plastic Bag



20kg/25kg
Kraft Paper Bag



1000L
IBC Tank

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