

# Seaweed Foliar Fertilizer - Seaweed Extract



## ASCOM 100

This product is adopted imported wild *Ascophyllum Nodosum* as raw material, and is refined by biological enzymatic hydrolysis technology into powder or flake. It maximizes the retention of seaweed polysaccharides, iodine, mannitol, vitamins and other active substances and plant growth endogenous hormones. It is a pure natural seaweed extract which has functions of comprehensively conditioning soil, promoting crop growth, rooting and resistance, and improving nutrient absorption efficiency.

本品以进口野生泡叶藻为原料，采用生物酶解提取工艺精制而成粉剂或片剂，最大程度地保留了海藻中海藻多糖、碘、甘露醇、维生素等活性物质和植物生长内源激素，是一款纯天然海藻精粹提取物，具有全面调理土壤、促进作物生长、生根抗逆、提高营养吸收效率的作用。



# Seaweed Foliar Fertilizer - Seaweed Extract



- Promote growth and improve quality: stimulate root growth, enhance photosynthesis, and promote the differentiation of leaf buds and flower buds. 促生提质：刺激根系生长，增强光合作用，促进叶芽、花芽分化；
- Enhance resistance: it has specific efficacy improving the ability of crops to resist drought, water logging, frost, etc 增强抗性：对提高作物抵抗干旱、涝害、霜冻等能力有特定功效；
- Alleviation of pesticide damage: it has a good mitigation effect on crop herbicide damage. 缓解药害：对作物除草剂药害有较好的缓解作用；
- Quality improvement: it is conducive to improving the surface brightness of fruits, making the fruit even, coloring in advance, improving the sugar content, and extending the shelf life. 改善品质：有利于提高果品表光亮度，果个均匀，提前上色，提高糖度，延长货架期；
- Soil conditioning: natural soil conditioner, which can promote the formation of soil aggregate structure and make the soil loose and breathable. 调理土壤：天然的土壤调理剂，可以促进土壤团粒结构的形成，使土壤疏松透气。

Ingredients	Contents
海藻酸 (Alginic Acid)	≥16.0%
有机质 (Organic Matter)	≥40.0%
甘露醇(Mannitol)	≥3.0%
水溶性 (Water solubility)	100%
总氮 (Nitrogen)	1.0-3.0%
总磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	1.0-5.0%
总钾 (Potassium) K <sub>2</sub> O	≥16.0%
水分(Moisture)	≤5.0%
pH Value	8.0-11.0
外观(Appearance)	粉剂或片剂 (Powder or Flake)

Suitable for corn, rice, soybean, tea, spinach, apple, wheat, tomato, watermelon, cucumber and other fruits, melons. 适用于玉米、水稻、大豆、茶叶、菠菜、苹果、小麦、番茄、西瓜、黄瓜等茄果类、瓜类。

# Seaweed Foliar Fertilizer - Seaweed Extract



## ASCOM 100+

This product uses the imported whole plant of *Ascophyllum Nodosum* from the cold sea area and adopts enzymatic hydrolysis to retain the complete active ingredients of seaweed material, rich in seaweed oligosaccharides, fucoxanthin, mannitol, alkaloids and other active ingredients, through the patented AOS nutrient activation technology, to ensure that the nutrients enter the cell safely and quickly through the leaves, provide nutrients for crops, improve crop stress resistance, and is a new type of seaweed-derived biostimulant product.

本品选用进口寒冷海域中泡叶藻进行整株酶解，保留了泡叶藻本身完整的活性成分，二次定向酶解，富含海藻低聚糖、褐藻多酚、岩藻黄素、甘露糖醇、生物碱等多种活性成分，通过专利AOS营养激活技术，确保营养成分安全快速的通过叶片进入细胞内部，为作物提供营养，提高作物抗逆性，是一种新型的海藻源生物刺激剂产品。



# Seaweed Foliar Fertilizer - Seaweed Extract



- Effectively enhance the crop's resistance to adverse stress conditions, mitigating physiological damage caused by late spring frosts, drought, waterlogging, and other hazards. 有效提高作物逆境胁迫抵抗能力，减轻倒春寒、干旱、涝害等带来的生理损伤；
- Effectively enhance crop photosynthesis and respiration, promote the generation of chloroplasts and mitochondria, strengthen roots, invigorate seedlings, protect flowers and fruits, and improve fruit coloration and expansion. 有效增强作物光合作用和呼吸作用，促进叶绿体和线粒体生成、强根、壮苗、保花保果、着色膨果；
- It contributes to the accumulation of nutrients and the conversion of dry matter in fruits, increases the weight of individual fruits, and boosts yield and income. 有助于促进果实营养蓄积和干物质转化，提高果实单果重量，增产增收。

Ingredients	Contents
海藻酸 (Alginic Acid)	≥16.0%
有机质 (Organic Matter)	≥45.0%
水溶性 (Water solubility)	100%
总氮 (Nitrogen)	0.5-2.0%
总磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥8.0%
总钾 (Potassium) K <sub>2</sub> O	≥12.0%
水分(Moisture)	≤5.0%
pH Value	8.0-10.0
外观(Appearance)	绿色粉末 (Green Powder)

Suitable for corn, rice, soybeans, tea leaves, spinach, apples, wheat; as well as solanaceous fruits and melons such as tomatoes, watermelons, and cucumbers. 适用于玉米、水稻、大豆、茶叶、菠菜、苹果、小麦；番茄、西瓜、黄瓜等茄果类、瓜类。

# Seaweed Foliar Fertilizer - Seaweed Extract



## ASCOM 40

This product is degraded and concentrated by advanced bioengineering technology to form pure seaweed extract liquid, which fully retains the natural active substances and the rich mineral nutrient elements of seaweed. It is a new type of plant growth stimulant and plant cell stabilizer.

本品以先进的生物工程技术降解浓缩形成海藻原液,充分保留了海藻中天然的活性物质,以及丰富的矿质营养元素,是新型植物生长刺激素和植物细胞稳定剂。



# Seaweed Foliar Fertilizer - Seaweed Extract



- Supplement various organic and mineral nutrients required by plants. 补充植物所需各类有机及矿质营养元素；
- Increase the concentration of plant cell sap and induce the production of stress resistant substances. 提高植物细胞液浓度，诱导产生抗逆物质；
- Promote the balance between vegetative growth and reproductive growth in plants. 促进植物营养生长及生殖生长的平衡。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥21g/L
有机质 (Organic Matter)	≥150g/L
总氮 (Nitrogen)	≥80g/L
总磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥30g/L
总钾 (Potassium) K <sub>2</sub> O	≥10g/L
微量元素 (Micro Elements, Fe, Mo, B)	≥5g/L
pH Value	6.0-8.0
外观 (Appearance)	深绿色液体 (Dark Green Liquid)

Suitable for soybean, apple, cotton, peanut, potato, rice, wheat, cucumber, tomato and other fruits, melons. 适用于大豆、苹果、棉花、花生、马铃薯、水稻、小麦、黄瓜、番茄等茄果类、瓜类。

# Seaweed Foliar Fertilizer - Seaweed Macro Element



## ASCOM PK+

This product is a clear liquid water soluble fertilizer containing a large number of macro and micro elements, especially the addition of organic matter and seaweed extract. It has the characteristic of high content of effective ingredients, comprehensive nutrition and scientific ratio.

本品以先进的生物工程技术降解浓缩形成海藻原液,充分保留了海藻中天然的活性物质,以及丰富的矿质营养元素,是新型植物生长刺激素和植物细胞稳定剂。



# Seaweed Foliar Fertilizer - Seaweed Macro Element



- Enhance crop yield and quality: promote flower bud differentiation, protect flower buds, and encourage fruit set. 提高作物产量和品质：促进花芽分化，保花蕾、促坐果；
- Prevent crop physiological disorders: improve the utilization of medium and trace elements, and prevent nutrient deficiency syndromes. 预防作物生理病害：提高中微量元素的利用率，预防缺素症；
- Prevent premature crop aging, extend the fruit picking period by 15-20 days, and increase yields. 防止作物早衰：延长果实采摘期15-20天，提高产量；
- Enhance the crop's ability to withstand adverse conditions: such as resistance to freezing, drought, waterlogging, and more. 增强作物抵抗逆境的能力：如抗冻、抗旱、抗涝等；
- Promote the maturation of new shoots, and enhance the sugar content and skin gloss of fruits. 促进新梢老熟，提高果实糖度和表光。

Ingredients	Contents
海藻提取物(Seaweed Extract)	≥21g/L
总磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥300g/L
总钾 (Potassium) K <sub>2</sub> O	≥400g/L
微量元素 (Micro Elements, Fe, Mo, B)	2-30g/L
pH Value	7.50-9.50
外观(Appearance)	深绿色液体 (Dark Green Liquid)

Suitable for solanaceous vegetables, green leafy vegetables, orange fruits, melons and fruits, berries, stone fruits, nuts, tropical fruits, herbal Chinese medicine. 适用于茄果类蔬菜，绿叶菜类蔬菜，柑果，瓜果，浆果，核果，仁果，热带水果，草本中药材。

# Seaweed Foliar Fertilizer - Seaweed Medium Element



## ASCOM B

This product is meticulously chosen from premium raw materials and formulated with seaweed extract which incorporate natural sugar alcohols and abundant nutrients through advanced techniques with the characteristics of rapid absorption and high utilization rate.

本品精选优质原料，经先进的技术复配含有天然糖醇及丰富营养的海藻提取液而成，吸收快、利用率高。



# Seaweed Foliar Fertilizer - Seaweed Medium Element



- Sugar alcohols are added and beneficial for penetration and absorption. 添加糖醇，有利于渗透和吸收；
- Promote flower protection, strengthen fruit, and increase fruit setting rate. 促花保花、壮果、提高坐果率；
- Reduce deformed flowers and fruits, promote the development of young fruits. 减少畸形花果、促进幼果发育；
- Prevent and correct boron deficiency symptoms, improve appearance. 预防矫正缺硼症状，改善外观。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥30g/L
海藻糖醇 (Seaweed sugar alcohol)	≥10g/L
硼 (B)	≥100g/L
pH Value	8.0-10.0
外观(Appearance)	淡黄色液体 (Light Yellow Liquid)

Suitable for eggplant vegetables, green leafy vegetables, citrus fruits, melons, berries, stone fruits, nuts, tropical fruits, and herbal Chinese medicinal medicine. 适用于茄果类蔬菜、绿叶类蔬菜、柑果、瓜果、浆果、核果、仁果、热带水果、草本中药材。

# Seaweed Foliar Fertilizer - Seaweed Medium Element



## ASCOM Ca

This product is exquisitely refined through the seaweed sugar alcohol chelation process. It features a unique sugar alcohol structure, integrating dual functions of nutrition and calcium supplementation. It can regulate the balanced growth of crops, supply calcium to plants, and is beneficial for preventing and correcting various physiological diseases caused by calcium deficiency in crops. It has the characteristics of rapid absorption, high utilization rate, convenient usage, and remarkable effects.

本品采用海藻糖醇螯合工艺精制而成，具有特有的糖醇结构，集营养与补钙双重功效，能调节作物均衡生长，为植物补充钙，有利于预防和矫正作物因缺钙造成的多种生理病害，具有吸收快、利用率高、使用方便、效果显著等特点。



# Seaweed Foliar Fertilizer - Seaweed Medium Element



- With characteristics of fast fertilizer absorption, fast transportation, good calcium supplementation effect, and high fertilizer utilization rate. 肥料吸收快、运输快、补钙效果好、肥料利用率高;
- Beneficial for preventing the occurrence of fruit discoloration and rust, reducing fruit drop, rot and cracking. After use, the fruit has a good surface light, bright color and good taste. 有利于预防果实花脸、果锈的发生, 减少落果、烂果、裂果, 使用后果实表光好、色泽鲜艳、口感好;
- Beneficial for correcting symptoms such as root rot and root swelling in crops, and improving the ability of root systems to absorb nutrients. 有利于矫正作物的根腐、根烂、根肿大等症状、提高根系吸收养分的能力;
- Help to prevent and correct navel rot disease in tomatoes, chili peppers, eggplants, etc, black heart and root rot diseases of tuberous crops, physiological diseases such as dry burning, heart rot, and root rot in leafy vegetables. 有助于预防和矫正番茄、辣椒、茄子等的脐腐病; 块茎类作物的黑心、根腐病; 叶菜类的干烧心、心腐、烂根等生理病害;
- Beneficial for improving crop resistance to cracking, cold, and freezing, increasing yield, and improving quality. 有利于提高作物抗裂、抗寒、抗冻能力, 增加产量、提高品质。

Ingredients	Contents
海藻糖醇 (Seaweed sugar alcohol)	≥10g/L
氨基酸 (Amino Acid)	≥100g/L
钙 (Ca)	≥30g/L
pH Value	3.00-5.00
外观(Appearance)	棕褐色液体 (Brown Liquid)

Suitable for tomato, chili and other eggplant vegetables, and can be used throughout the entire growth period. 适用于番茄、辣椒等茄果类蔬菜, 全生育期皆可使用。

# Seaweed Foliar Fertilizer - Seaweed Medium Element



## SUNSCREEN PRO

BLUE ENERGY Sunscreen Pro is refined into seaweed oligosaccharides by biological enzymatic hydrolysis technology, forming seaweed organic protective film on crop surface, nutritional sunscreen, protecting fruit surface. Seaweed oligosaccharides and alginol double chelate organic calcium and magnesium, which is highly mobile in crops, is a safe and labor saving seaweed nutrient.

本品采用生物酶解技术精制成海藻寡糖，在作物表面形成海藻有机保护膜，营养防晒，保护果面，海藻寡糖海藻醇双螯合有机钙镁，在作物体内移动性强，是一款安全、省工的海藻营养剂。



# Seaweed Foliar Fertilizer - Seaweed Medium Element



- Disperse evenly on the surface of the crop, nutritious sunscreen, which is conducive to protecting the fruit surface from sun damage. 在作物表面分散均匀，营养防晒，有利于保护果面免受日灼损伤；
- Seaweed oligosaccharides and seaweed alcohol chelate organic calcium and magnesium in the double channel transport in crops, which is beneficial to improve the efficiency of calcium supplementation. 海藻寡糖和海藻醇爽螯合有机钙镁，在作物体内双通道运输，有利于提高补钙效能；
- It is helpful to solve the problems of cracked fruit, soft fruit, poor taste, poor surface light, short shelf life and so on. 有利于解决裂果、软果、口感差、表光不好、货架期短等问题。

Ingredients	Contents
海藻糖醇 (Seaweed polysaccharides & alcohols)	≥10g/L
钙 (Ca)	≥100g/L
镁 (Mg)	≥20g/L
pH Value	4.5-6.5
外观(Appearance)	黄色液体 (Yellow Liquid)

Suitable for citrus fruit, stone fruit, tropical fruit, solanaceous vegetables, green leafy vegetables, melons, fruits, herbs, Chinese medicinal materials, berries. 适用于柑果、核果、热带水果、茄果类蔬菜、绿叶类蔬菜、瓜果、仁果、草本中药材、浆果。

# Seaweed Foliar Fertilizer - Seaweed Amino Trace Element



## GREENISH

This product is rich in alginate, oligosaccharides, fucoxanthin and other trace elements such as iron and zinc, which can form a special electron transport chain in the leaves of the photosynthetic system, improve the efficiency of photosynthesis, and effectively reduce physiological diseases such as leaf yellows and lobule diseases caused by zinc and iron deficiency with a specific proportion of amino acids, so as to make the leaves green and flexible, and promote crop growth. Improve stress resistance.

本品富含海藻天然活性物质海藻酸、寡糖、岩藻黄素等以及铁、锌等微量元素,可在叶片中形成特殊的光合系统电子传递链,提高光合作用效率,配合特定比例氨基酸有效减少因缺锌、缺铁引起的叶片黄化、小叶病等生理病害,使叶片翠绿、柔韧度高,促进作物生长,提高抗逆性。



# Seaweed Foliar Fertilizer - Seaweed Amino Trace Element



- Promote shoot: iron and zinc double supplement, promote shoot growth and germination, improve photosynthesis efficiency. 促梢：铁锌双补，促进新梢生长和萌芽，提高光合作用效率；
- Turning green: It has obvious effect on solving leaf yellowing caused by lack of nutrients, preventing lobular disease and bare leg branches. 转绿：对解决缺素引起的叶片黄化功效明显，预防小叶病、光腿枝。
- Stress resistance and growth promotion: seaweed active substances help to improve crop resistance and improve the repair ability of adversity damage. 抗逆促生：海藻活性物质有助于提高作物抗性，提高逆境损伤的修复能力。

Suitable for solanaceous fruits and melons such as cucumbers and tomatoes, as well as apples. 适用于黄瓜、番茄等茄果类、瓜类，苹果。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥21g/L
氨基酸 (Amino Acid)	≥100g/L
氮 (Nitrogen)	≥80g/L
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥30g/L
钾 (Potassium) K <sub>2</sub> O	≥40g/L
铜 (Cu)	≥1g/L
铁 (Fe)	≥10g/L
锌 (Zn)	≥9g/L
Cu+Fe+Zn	≥20g/L
pH Value	6.0-8.0
外观(Appearance)	墨绿色液体 (Dark Green Liquid)

# Seaweed Foliar Fertilizer - Seaweed Amino Trace Element



## REDNESS

The seaweed source biostimulant of this product activates the regulatory pathway of crop color transformation, interferes with the formation and transformation of anthocyanins, controls the speed of peel color change, promotes the conversion of fruit acid into sugar in the flesh, increases the filling of the fruit, realizes the transformation of fruit nutrients, promotes the natural color transformation of the fruit, has a good odor, good peel brightness, does not drop fruit, does not soft fruit, and extends the storage period. Restore the natural quality of the fruit.

本品特有的海藻源生物刺激剂，激活作物转色调控通路，干预花青色形成和转化，控制果皮颜色变化速度，同时促进果肉中果酸转化为糖，增加果实甜度，实现果实养分转化，促进果实自然转色，气味芳香，果皮光亮度好，不落果，不软果，延长储藏期，还原果实自然品质。



# Seaweed Foliar Fertilizer - Seaweed Amino Trace Element



- Promote natural color, uniform color, good brightness. 促进自然转色，色泽均匀、光亮度好；
- Higher sugar content and better taste. 果实含糖量更高，口感更好；
- Based on the natural growth law of crops, seaweed activity regulation, accelerate the accumulation of fruit dry matter, improve fruit hardness. 基于作物自然生长规律，海藻活性调控，加快果实干物质积累，提高果实硬度。

适用于黄瓜、番茄等茄果类、瓜类，苹果。果实进入转色期开始使用，至成熟期可多次使用，每两次使用间隔10天以上。 Suitable for solanaceous fruits and melons such as cucumbers and tomatoes, as well as apples. Begin application when the fruits enter the color-turning stage and can be used multiple times until maturity, with an interval of more than 10 days between each application.

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥21g/L
氨基酸 (Amino Acid)	≥100g/L
氮 (Nitrogen)	-
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥20g/L
钾 (Potassium) K <sub>2</sub> O	≥170g/L
铜 (Cu)	≥3g/L
铁 (Fe)	≥14g/L
锌 (Zn)	≥3g/L
Cu+Fe+Zn	≥20g/L
pH Value	7.0-9.0
外观(Appearance)	墨绿色液体 (Dark Green Liquid)

# Seaweed Rooting Fertilizer - Seaweed Rooting Reagent



## Vigorous Root

This product is refined by advanced chelating process, condensed natural seaweed essence, rich in seaweed polysaccharides, iodine, mannitol, betaine, seaweed oligosaccharides, vitamins and other marine active ingredients and micro elements, with the function and character of explosive rooting, natural nutrition from seaweed, increasing production and ect. It is a new seaweed nutrition rooting agent.

本品采用先进的螯合工艺精制而成，凝聚天然海藻精华，富含泡叶藻所特有的海藻多糖、碘、甘露醇、甜菜碱、海藻低聚糖、维生素等海洋活性成分及微量元素，具有爆炸式生根、天然海藻营养、增产等功效和特点，是一种新型的海藻营养生根剂。



# Seaweed Rooting Fertilizer - Seaweed Rooting Reagent



- Promote root development, improve the survival rate of cutting, and slow seedling fast. 促进生根，有利于根系发达，提高扦插成活率，缓苗快；
- It is beneficial to enhance crop's resistance to stress and improve crop's resistance to diseases and pests. 有利于增强作物抗逆能力，提高作物抵御病虫害能力；
- It is helpful to reduce physiological diseases such as crop deficiency. 对减少作物缺素等生理病害有帮助；
- Reduce the loss of soil nutrients and improve the utilization rate of fertilizer. 减少土壤养分流失，提高肥料利用率；
- It is conducive to reducing agricultural residue, antidote to drug damage, fertilizer damage, antiviral. 有利于降农残、解药害、肥害、抗病毒；
- It is helpful to improve crop quality and increase crop yield. 有助于改善作物品质，提高作物产量。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥30g/L
腐植酸 (Humic Acid)	≥30g/L
氮 (Nitrogen)	≥100g/L
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥40g/L
钾 (Potassium) K <sub>2</sub> O	≥60g/L
pH Value	7.0-9.0
外观 (Appearance)	深棕色液体 (Dark Brown Liquid)

Suitable for peppers, tomatoes and other cigars, melons. 适用于辣椒、番茄等茄果类、瓜类。

# Seaweed Soluble Fertilizer

- Seaweed Water Flush Fertilizer (Solid)

## ASCOM K+

This product uses *Ascophyllum nodosum* as raw material and is extracted and compounded through bioengineering degradation technology. The product is rich in a large number of elements and various marine active ingredients such as seaweed polysaccharide, mannitol, iodine from *Ascophyllum nodosum*. It is a new type of plant nutrient.

本品以泡叶藻为原料，经生物工程降解技术提取复合而成。产品富含泡叶藻自身的海藻多糖、甘露醇、碘等多种海洋活性成分及大量元素，是一种新型的植物营养剂。



# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Solid)

- Comprehensive in nutrition, fast-acting, and rapidly soluble for immediate results. After application, the number of fibrous roots in crops significantly increases, roots elongate, and leaves become a deeper green, regulating the balance between vegetative and reproductive growth. This contributes to rapid fruit expansion, swift coloration, excellent hue, proper fruit shape, and prevents cracking and hollowing. 营养全、见效快、速溶速效。用后作物的毛细根数量明显增多，根系加长、叶色浓绿，调节营养生长向生殖生长平衡，有助于果实膨大迅速、着色快、色泽度好、果型端正，不裂果、不空心；
- Promote the transformation of soil clay structure into aggregate structure, improve the soil's ability to retain fertilizer and water, increase soil porosity and permeability, thicken the plow layer, improve fertilizer utilization efficiency, and increase the activity of microorganisms in the soil. Helps improve crop quality and yield. 促进土壤黏粒结构向团粒结构转化，提高土壤保肥保水的能力，增加土壤的孔隙度和通透性，使耕层增厚，提高肥料利用率，提高土壤中的微生物的活性，有利于提高作物的品质和产量
- It is helpful to improve the disease resistance and nematode resistance of crops, and reduce soil-borne diseases (such as yellow wilt, wilt, root rot, bacterial wilt, etc.). 有利于提高作物的抗病力和抗线虫能力，减少土传病害（如黄萎、枯萎、根腐、青枯病等）。



Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥3%
腐植酸 (Humic Acid)	≥3%
氮 (Nitrogen)	≥12%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥2%
钾 (Potassium) K <sub>2</sub> O	≥22%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥36%
pH Value	5.0-7.0
外观(Appearance)	粉剂 (Powder)

Suitable for peppers, tomatoes and other solanaceous fruits and melons. It can be used throughout the growth period and is generally used as top dressing. 适用于辣椒、番茄等茄果类、瓜类。全生育期皆可使用，一般做追肥使用。

# Seaweed Soluble Fertilizer

- Seaweed Water Flush Fertilizer (Solid)

## ASCOM+HUMIC

This product adopts imported wild ascophyllum nodosum as raw material, is refined by biological enzymatic technology with small molecule fulvic acid and NPK macro elements. It is rich in the active ingredients such as fucodian, betaine, phenolic compounds and so on, and especially fucoxanthin is added. It has characteristics of promoting growth, expanding fruit and increasing sugar, and improving soil.

本品以进口野生泡叶藻为原料，经生物酶解技术复配小分子黄腐酸、氮磷钾等大量元素精制而成，富含泡叶藻本身的岩藻多糖、甜菜碱、酚类化合物等活性成分，并特别添加岩藻黄素，具有提高作物对光照利用率，促进生长、膨果增糖，改良土壤等特点。



# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Solid)

Fully water-soluble, fast-acting and highly efficient in fertilizer utilization: adjusts soil structure, reduce nitrogen loss and the fixation of phosphorus and potassium in the soil, enhance the crop's nutrient uptake and utilization efficiency, promote the growth of fibrous roots, and increases crop yield. 全水溶、见效快、肥料利用率高：调节土壤结构，减少氮的流失、土壤中磷钾的固定，提高作物对养分吸收利用率，促进毛细根生长，提高作物产量。

提高作物对光照的利用率：特别添加泡叶藻提取物岩藻黄素，有效提升作物在阴天及郁蔽环境下对光照的利用率，增加光合作用，有利于促进果实膨大，增糖上色。

Enhance crop's utilization of light: specially added fucoxanthin, extracted from *Ascophyllum Nodosum*, effectively improves the crop's utilization of light on overcast days and in shaded environments, increases photosynthesis, and is beneficial for promoting fruit expansion, sugar accumulation, and coloration. 提高作物对光照的利用率：特别添加泡叶藻提取物岩藻黄素，有效提升作物在阴天及郁蔽环境下对光照的利用率，增加光合作用，有利于促进果实膨大，增糖上色。

Improve soil physical and chemical properties and enhance soil fertility: Increase the organic matter in the soil, effectively improve the soil's water, nutrient, air, and temperature conditions, making the soil loose and fertile. At the same time, improve the soil's aggregate structure, enhance the soil's cation exchange capacity, regulate soil pH, and increase the soil's moisture retention ability. 改良土壤理化性状、培肥地力：增加土壤中有机质，有效改善土壤的水、肥、气、热状况，使土壤变得疏松肥沃。同时改善土壤的团粒结构，提高土壤阳离子交换能力，调节土壤pH值，提高土壤保墒能力。



Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥10%
腐植酸 (Humic Acid)	≥3%
氮 (Nitrogen)	≥16%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	-
钾 (Potassium) K <sub>2</sub> O	≥4%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥20%
湿度Moisture	≤5%
外观(Appearance)	颗粒Granular

Suitable for bok choy, peppers, tomatoes and other solanaceous fruits and melons. It can be used throughout the growth period and is generally used in broadcast, flushing and drip irrigation when topdressing. 适用于小白菜、辣椒、番茄等茄果类、瓜类。全生育期皆可使用，一般做追肥时可撒施、冲施或滴灌。

# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

### ASCOM

This product uses *Ascophyllum nodosum* as raw material. It releases various marine active ingredients and trace elements such as seaweed polysaccharide, mannitol, iodine, brown algae polyphenols and other trace elements in the seaweed through enzymatic hydrolysis. The secondary biological enzyme directional shearing produces brown algae oligosaccharides with a specific degree of polymerization, which has nutritional and yield-increasing effects. It is a new type of plant nutritional balancer.

本品以泡叶藻为原料，经酶解释放海藻中的海藻多糖、甘露醇、碘、褐藻多酚等多种海洋活性成分及微量元素，二次生物酶定向剪切产生特定聚合度的褐藻低聚糖，具有营养、增产功效，是一种新型的植物营养平衡剂。



# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

- After application, the number of fibrous roots in crops significantly increases, roots elongate, and leaves become a deeper green, contributing to rapid fruit expansion, swift coloration, excellent hue, proper fruit shape, and preventing cracking and hollowing. 用后作物的毛细根数量明显增多，根系加长、叶色浓绿，有助于果实膨大迅速、着色快、色泽度好、果型端正，不裂果、不空心。
- Promote the transformation of soil clay structure into aggregate structure, enhance the soil's ability to retain fertilizer and water, increase soil porosity and permeability, thicken the plow layer, improve the efficiency of fertilizer and water use, and boost microbial activity in the soil, which is beneficial for improving crop quality and yield. 促进土壤黏粒结构向团粒结构转化，提高土壤保肥保水的能力，增加土壤的孔隙度和通透性，使耕层增厚，提高肥水利用率，提高土壤中的微生物的活性，有利于提高作物的品质和产量。
- It is beneficial for enhancing the crop's resistance to drought, cold, waterlogging, and other stresses. 有利于提高作物的抗旱、抗寒、抗涝等能力。



Ingredients	Contents
褐藻低聚糖(Brown Algal Oligosaccharides)	≥20g/L
有机质 (Organic Matter)	≥150g/L
氮 (Nitrogen)	-
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥20g/L
钾 (Potassium) K <sub>2</sub> O	≥40g/L
P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥60g/L
pH Value	6.5-8.5
外观(Appearance)	深棕色液体 (Dark Brown Liquid)

Suitable for wheat. Can be used throughout the entire growth period, generally applied as a top dressing, through drip irrigation or fertigation, and can be mixed with other fertilizers. 适用于小麦。全生育期都可使用，一般做追肥使用，滴灌冲施，可与其他肥料混用。

# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

### ASCOM PRO

Based on the soil structure and crop root absorption rules, this product uses advanced nutrient enhancement technology to combine various active ingredients such as seaweed polysaccharide, brown algae polyphenols, mannitol, iodine, and fucoidan in *Ascophyllum nodosum* with inorganic nutrients. Brown algae oligosaccharides with specific functions act on soil and crops at the same time to maximize nutrient utilization. It is a new seaweed-derived biostimulant with nutritional, disease resistance, and yield-increasing effects.

本品根据土壤结构和作物根系吸收规律,运用先进的养分强化技术,将泡叶藻中的海藻多糖、褐藻多酚、甘露醇、碘、褐藻素等多种活性成分与无机养分相结合,特定功能的褐藻低聚糖同时作用于土壤和作物,最大限度提高养分利用率,是一种具有营养、抗病、增产作用的新型海藻源生物刺激剂。



# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

- Nutrients are easily absorbed, and after application, the number of fibrous roots increases, and the leaves become a glossy green; it aids in fruit expansion, quick coloration, proper fruit shape, and prevents cracking and hollowing. 养分易吸收,使用后毛细根数量增加, 叶片油绿; 有助于果实膨大、着色快、果形端正,不裂果、不空心;
- Promote the formation of soil aggregate structure, increase soil aeration, adjust the structure of beneficial microbial communities in the soil, and improve the efficiency of fertilizer and water use. 促进土壤团粒结构形成, 增加土壤透气性, 调整土壤中有益微生物菌群结构, 提高肥水利用率
- It is beneficial for enhancing the crop's stress resistance and reducing the occurrence of soil-borne diseases. 有利于提高作物的抗逆能力, 减少土传病害的发生。



Ingredients	Contents
褐藻低聚糖 (Brown Algal Oligosaccharides)	≥20g/L
有机质 (Organic Matter)	≥200g/L
氮 (Nitrogen)	-
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥40g/L
钾 (Potassium) K <sub>2</sub> O	≥80g/L
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥120g/L
pH Value	6.5-8.5
外观(Appearance)	深棕色液体 (Dark Brown Liquid)

Suitable for lettuce. Can be used throughout the entire growth period, generally applied as a top dressing. 适用于生菜。全生育期皆可使用, 一般做追肥使用。

# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

### GREENISH RAPID

This product uses deep-sea wild *Ascophyllum Nodosum*, highly concentrated organic matter and mineral nutrients with higher purity and fewer impurities. It is prepared using low-temperature enzyme-alcohol coupling process, plant nutrient synergy process and multi-effect nitrogen compound patented technology. The product is rich in organic matter and a large number of elements, and is specially added with seaweed extract, which has the characteristics of promoting seedling growth, strong branches and leaves.

本品选用深海野生泡叶藻、高浓缩有机质和纯度更高、杂质更少的矿质营养元素，采用低温酶醇耦合工艺、植物养分增效工艺和多效氮复合专利技术制备而成。产品富含有机质和大量元素，特别添加海藻提取物，具有提苗促梢、壮枝展叶的特点。



藻源植物营养  
BLUE ENERGY PLANT NUTRITION



# Seaweed Soluble Fertilizer

## - Seaweed Water Flush Fertilizer (Liquid)

- Promote the robust and uniform emergence of new shoots, which is conducive to the rapid greening and maturation of new shoots to form functional leaves. 促进新梢健壮整齐抽发，有利于新梢快速转绿老熟形成功能叶片；
- Increase the transport rate of magnesium, Iron, Zinc, Boron and other trace elements, promote the photosynthesis of crop leaves, and prevent the occurrence of yellow leaves due to deficiency of elements in crops. 提高镁、铁、锌、硼等中微量元素的转运速率，促进作物叶片的光合作用，预防作物出现缺素性的黄叶；
- Multiple forms of nitrogen sources provide rapid and sustained effects to promote the growth of seedlings and shoots, invigorate seedlings and strengthen plants, and encourage shoot expansion and leaf growth. 多种形态氮源速效、持效促进幼苗、枝梢的生长，提苗壮棵，促梢展叶。



Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥30g/L
有机质 (Organic Matter)	≥60g/L
氮 (Nitrogen)	≥160g/L
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥20g/L
钾 (Potassium) K <sub>2</sub> O	≥20g/L
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥200g/L
pH Value	6.5-8.5
外观 (Appearance)	深绿色液体 (Dark Green Liquid)

Suitable for leaf vegetables, corn, rice, wheat etc. 适用于适用于各种叶菜，玉米/水稻/小麦等。

# Seaweed Soluble Fertilizer - Macro Element



## 13-7-40 K+

This product uses a high potassium formula and is easily soluble in water. It adopts a special slow and controlled release process, improving the utilization rate and saves usage of fertilizers. Rich in seaweed extract, it could loosen the physical structure of soil, help avoid soil acidification and compaction, and enhance soil fertility. Using this product could promote the root system of crops to be white, dense, and long, the leaves to be flat, tender green and soft, the flowers to be large and bright, and the fruit to be bright and sweet.

高钾配方且易水溶，比例适于作物全生育期使用；采用特殊的缓控释工艺，有利于提高吸收利用率，节省投入量；富含海藻提取物，疏松土壤物理结构，有利于避免土壤酸化板结，培肥地力；能够促使作物的根系又白又密又长，叶片平展嫩绿柔软，花大色艳量足，果色鲜亮味甜。



# Seaweed Soluble Fertilizer - Macro Element



- Beneficial for improving crop yield and quality. 有利于提高作物产量和品质;
- Beneficial for preventing crop physiological diseases. 有利于预防作物生理病;
- Beneficial for preventing premature aging of crops. 有利于防止作物早衰;
- Beneficial for enhancing crop resistance to adverse environments. 有利于增强作物抵抗不良环境的能力。

Ingredients	Contents
氮 (Nitrogen)	≥13%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥7%
钾 (Potassium) K <sub>2</sub> O	≥40%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥60%
湿度 (Moisture)	≤3%
外观(Appearance)	粉剂 (Powder)

Suitable for citrus fruits, stone fruits, tropical fruits, solanaceous vegetables, leafy green vegetables, melons and fruits, pome fruits, herbal medicinal plants, and berries. 适用于柑果、核果、热带水果、茄果类蔬菜、绿叶菜类蔬菜、瓜果、仁果、草本中药材、浆果。

# Seaweed Soluble Fertilizer - Macro Element



## 20-20-20 BALANCE

This product has balanced nutrients and is easily soluble in water, with high material purity. It can be used throughout the entire growth period of economic crops; Good water solubility, large contact area, easy diffusion, easy absorption, and fertilizer saving; Rich in seaweed extract, with comprehensive and balanced nutrients, containing medium and trace elements, which is beneficial for preventing physiological nutrient deficiencies; Strengthening roots, seedlings, and leaves, enhancing energy conversion, is beneficial for improving dry matter accumulation.

养分均衡易水溶，物料纯度，经济作物全生育期可用；水溶性好，接触面积大，易扩散，易吸收，节省肥料；富含海藻提取物，养分全面均衡，含中微量元素，有利于预防生理缺乏症；壮根壮苗壮叶，增强能量转化，有利于提高干物质积累。



# Seaweed Soluble Fertilizer - Macro Element



- Beneficial for improving crop yield and quality. 有利于提高作物产量和品质;
- Beneficial for preventing crop physiological diseases. 有利于预防作物生理病;
- Beneficial for preventing premature aging of crops. 有利于防止作物早衰;
- Beneficial for enhancing crop resistance to adverse environments. 有利于增强作物抵抗不良环境的能力。

Ingredients	Contents
氮 (Nitrogen)	≥20%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥20%
钾 (Potassium) K <sub>2</sub> O	≥20%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥60%
湿度 (Moisture)	≤3%
外观(Appearance)	粉剂 (Powder)

Suitable for citrus fruits, stone fruits, tropical fruits, solanaceous vegetables, leafy green vegetables, melons and fruits, pome fruits, herbal medicinal plants, and berries. 适用于柑果、核果、热带水果、茄果类蔬菜、绿叶菜类蔬菜、瓜果、仁果、草本中药材、浆果。

# Seaweed Soluble Fertilizer - Medium-Trace Element



藻源植物营养  
BLUE ENERGY PLANT NUTRITION



## MEDIUM+

This is a seaweed-enhanced medium-element water-soluble fertilizer product. It selects high-quality mineral elements such as Calcium, Magnesium, Iron, and Zinc to compound seaweed oligosaccharides to enhance efficiency, activate nutrients, promote absorption, and effectively solve the problem of medium-elements during crop growth. Problems such as deficiencies and poor growth caused by elemental deficiencies can promote photosynthetic efficiency, and the leaves are green and thick, which is conducive to the accumulation of dry matter in the fruit, improves fruit quality, and increases sugar content.

这是一种海藻增效的中量元素水溶肥产品，精选钙、镁、铁、锌等优质矿质元素复合海藻寡糖增效，活化营养，促进吸收，有效解决作物生长过程中因中量元素缺乏导致的缺素症以及生长不良等问题，可促进光合效能提成，叶片油绿肥厚，有利于果实干物质积累，改善果品品质，提高糖度。



# Seaweed Soluble Fertilizer - Medium-Trace Element



- Effectively addresses issues such as nutrient deficiencies and poor growth caused by the lack of medium elements during crop growth. 有效解决作物生长过程中因中量元素缺乏导致的缺素症以及生长不良等问题；
- Enhances photosynthetic efficiency, resulting in glossy, green, and thick leaves. 可促进光合效能提成，叶片油绿肥厚；
- Facilitates the accumulation of dry matter in fruits, improves fruit quality, and increases sugar content. 有利于果实干物质积累，改善果品品质，提高糖度。

Ingredients	Contents
褐藻低聚糖 (Brown Algal Oligosaccharides)	≥2.0%
钙 (Ca)	≥1.0%
镁 (Mg)	≥9.0%
Ca+Mg	≥10.0%
外观(Appearance)	棕色颗粒 (Brown Granule)

Suitable for citrus fruits, stone fruits, tropical fruits, solanaceous vegetables, leafy green vegetables, melons and fruits, pome fruits, herbal medicinal plants, and berries. Can be used throughout the entire growth period, generally applied as a top dressing. 适用于柑果、核果、热带水果、茄果类蔬菜、绿叶类蔬菜、瓜果、仁果、草本中药材、浆果，全生育期皆可使用，一般用做追肥。

# Seaweed Organic Fertilizer



## SOIL

This product adopts seaweed extract as raw material, refined by biological fermentation technology, rich in marine rare elements, medium and trace elements, with the characteristics of water and fertilizer preservation and slow release, which is helpful to improve ground temperature, loose soil, improve drought resistance and regulate soil acidification

本品以海藻提取物为原料，经生物发酵技术精制而成，富含海洋稀有元素及中微量元素，具有保水保肥、缓释等特点，有助于提高地温、疏松土壤、提高抗旱、调理酸化。



# Seaweed Organic Fertilizer



- Contributes to soil improvement, water and nutrient retention, and prevents soil compaction, acidification, and salinization. 有助于改良土质，保水保肥，防止土壤板结、酸化、盐碱化；
- Beneficial for degrading pesticide residues, passivating heavy metals, and reducing environmental pollution. 有利于降解农药残留，钝化重金属，减少环境污染；
- Beneficial for combating continuous cropping obstacles, suppressing soil-borne diseases and nematode damage. 有利于抗重茬，抑制土传病害及线虫危害；
- Helps enhance crop stress resistance and reduce medium and trace element deficiencies (such as bitter pit). 有助于增强作物抗逆性，减少中微量元素缺素症（苦痘病）；
- Aids in promoting root growth, ensuring robust seedlings during the seedling stage, and preventing overgrowth. 有助于促进生根，苗期苗壮，防止徒长；
- Assists in flower and fruit preservation, improves quality, and facilitates earlier market availability. 有助于保花保果，提高品质，提早上市。

Ingredients	Contents
有机质 (Organic Matter)	≥30%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥5%
湿度 (Moisture)	≤30%
外观(Appearance)	粉剂 (Powder)

Can be used throughout the entire growth period, generally applied as a base fertilizer. 全生育期皆可使用，一般做基肥。

# Seaweed Organic Fertilizer



## SOILPRO

This product is refined through biological fermentation technology with seaweed-extracted organic substances and corn starch meal as raw materials. It is rich in seaweed active substances, seaweed organic matter and medium and trace elements, and has the characteristics of water and fertilizer retention, long-term sustained release, etc. It is a biological organic fertilizer with rich seaweed characteristics.

本品以海藻萃取有机物及玉米淀粉粕为原料，经生物发酵技术精制而成，富含海藻活性物质，海藻有机质及中微量元素，具有保水保肥、长效缓释等特点，是一款富有海藻特色的生物有机肥。



# Seaweed Organic Fertilizer



- Combines quick-acting and slow-release properties, ensuring rapid absorption and long-lasting fertilizer efficacy. 速效与缓释相结合，吸收快，肥效长；
- Promotes crop growth, benefits yield increase, and improves crop quality. 促进作物生长，益于增加产量，改善作物品质；
- Enhances crop resistance and adaptability to adverse conditions such as continuous cropping and diseases. 增强作物对重茬、病害等逆境的抗性和适应性；
- Improves soil structure and root microecology, and enriches soil fertility. 改良土壤结构和根系微生态，培肥地力；
- Helps prevent small leaves, yellow leaves, and root diseases in fruit trees. 有助于预防果树小叶、黄叶及根部病害。

Ingredients	Contents
有机质 (Organic Matter)	≥30%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥5%
湿度 (Moisture)	≤30%
外观(Appearance)	颗粒 (Granular)

Can be used throughout the entire growth period, generally mixed with other chemical fertilizers and applied through hole placement, furrow application, or broadcasting. 全生育期皆可使用，一般与其他化肥拌匀后穴施、沟施或撒施。

# ***Seaweed Compound Fertilizer*** ***-Seaweed Organic-Inorganic Fertilizer***

## **15-5-10/16-8-16 GROW+**

This product adopts the advanced mixing process to integrate the advantages of seaweed, microorganisms, organic matter, a large number of elements, medium and trace elements, the organic matter content of the product reaches 10%, and the ratio of nitrogen, phosphorus and potassium is suitable for the nutritional needs of most crops during the whole growth period. The product has the advantages of slow release, high nutrient content and full nutrient types, which solves the problems of single nutrition, short duration and low utilization rate of traditional fertilizer.

本品采用先进的复混工艺将海藻、微生物、有机质以及大量元素、中微量元素的优点集于一体。产品有机质含量达10%，氮磷钾配比适合大多数作物全生育期对营养的需求。产品缓释长效，养分含量高、养分种类全，解决了传统化肥营养单一，持效期短，利用率低的问题。



# Seaweed Compound Fertilizer

## -Seaweed Organic-Inorganic Fertilizer



- Soil improvement: Rich in seaweed active substances, is conducive to breaking soil compaction, regulating soil pH, improving soil water and fertilizer retention and buffering capacity, is conducive to preventing soil decay. 改良土壤：富含海藻活性物质，有利于打破土壤板结，调节土壤酸碱度，提高土壤保水保肥及缓冲能力，有利于防止土壤衰退的问题；
- Conditioning growth: Natural seaweed active substances are conducive to enhancing the resistance of crops to cold, drought, lodging and premature aging, and help enhance the ability of crops to resist repeated crops. 调理生长：天然海藻活性物质有利于增强作物抗寒、抗旱、抗倒伏、抗早衰等抗逆能力，并有助于增强作物抗重茬、抗病虫害等能力；
- Reducing nutrient deficiency: it is conducive to the growth of soil microorganisms, helps to decompose various kinds of trace elements that are fixed in the soil, and reduces a variety of physiological diseases caused by nutrient deficiency. 减少缺素：有利于土壤微生物生长，有助于土壤中被固定的各类中微量元素的分解，减少多种因缺素引起的生理病害； Increase yield: The effect of increasing production is more obvious when using this product, and the effect is better when using Blue Energy seaweed fertilizer series. 提高产量：使用本品增产效果较为明显，配合使用海藻系列肥效更佳。

Ingredients	16-8-16	15-5-10
有机质 (Organic Matter)	≥10%	≥13%
氮 (Nitrogen)	≥16%	≥15%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥8%	≥5%
钾 (Potassium) K <sub>2</sub> O	≥16%	≥10%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥40%	≥30%
湿度 (Moisture)	≤12%	≤12%
pH Value	6.5-8.5	6.5-8.5
外观(Appearance)	棕黑色颗粒 (Dark Brown/ Black Granule)	

Suitable for fruit trees, vegetables, yield crops, economic crops etc. 适用于果树、蔬菜、大田作物、经济作物等。

# ***Seaweed Compound Fertilizer -Complex Fertilizer + Seaweed***



## **15-5-25 ASCOM+**

This product is made of high-quality mineral elements, produced by advanced high-tower nitrate-sulfur base technology, rich in nitrate-nitrogen, especially added 2000ppm of seaweed extract, is a nitrate-sulfur compound fertilizer containing alginate, combined with quick effect and long term, promote fruit expansion, add sugar and color, with rapid dissolution, high utilization rate characteristics

本品采用优质的矿质元素，经先进的高塔硝硫基工艺生产而成，富含硝态氮，特别添加2000ppm的海藻提取物，是一款含海藻酸的硝硫基复合肥料，速效长效相结合，促进果实膨大，增糖上色，具有溶解迅速、利用率高的特点。



# Seaweed Compound Fertilizer -Complex Fertilizer + Seaweed



- Seaweed extracts effectively chelate macroelements, combining quick and slow-release effects, which helps to improve fertilizer utilization efficiency and extend the duration of fertilizer efficacy. 海藻提取有效整合大量元素，速效缓效相结合，有利于提高肥料利用率，肥效时间更长；
- High-potassium nitrate-sulfur compound fertilizer promotes rapid fruit expansion, uniform coloration, and good surface finish, contributing to increased crop yield and quality. 高钾硝硫基复合肥，膨果快，上色匀，表光好，有利于提高作物的产量和品质；
- Rich in seaweed bioactive substances, it enhances the crop's resistance to drought, cold, waterlogging, and other stresses. 富含海藻活性物质，有利于增强作物抗旱、抗寒、抗涝等抗逆能力；
- Containing nitrate nitrogen, it facilitates rapid fruit expansion, while seaweed extracts promote the absorption of calcium and magnesium by the crops. 含硝态氮，有利于快速膨果，海藻提取物能够促进作物对钙、镁元素的吸收。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥1%
氮 (Nitrogen)	≥15%
硝态氮(Nitrate N)	≥1.5%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥5%
钾 (Potassium) K <sub>2</sub> O	≥25%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥45%
湿度 (Moisture)	≤2%
外观(Appearance)	白色颗粒 (Grayish White Granule)

Suitable for most fruit trees, vegetables, and greenhouse crops. It can be used throughout the entire growth cycle, but is particularly well-suited for the mid to late stages of growth and development. 适用于大多数果树、蔬菜和大棚作物。全生育期皆可使用，较为适合生长发育中期及中后期使用。

# ***Seaweed Compound Fertilizer -Bulk Blending Fertilizer (Seaweed)***

## **14-10-21 CONTR NK**

This product uses the international advanced PCF triple coating technology, nitrogen and potassium double control, accurate nutrient release, no defertilization, anti-premature aging, improve nutrient absorption and utilization; In particular, 3% seaweed plant extracts are added to intelligently regulate nutrient absorption efficiency, improve soil environment, reduce recropping diseases, and promote root development; Increase yield obviously, improve crop quality; The coating material is degradable and friendly to the soil environment.

本品采用国际先进的PCF三重包膜技术，氮钾双控，养分精准释放，不脱肥，防早衰，提高养分吸收利用率；特别添加3%海藻植物精粹物，智能调节营养吸收效率，改善土壤环境，减少重茬病害，促进根系发育；增产明显，提高作物品质；包膜材料可降解，对土壤环境友好。



# Seaweed Compound Fertilizer -Bulk Blending Fertilizer (Seaweed)



- Nutrient release conforms to the law of crop growth, does not defatten, does not prematurely age, and significantly increases production. 养分释放符合作物生长规律，不脱肥、不早衰，增产明显；
- Seaweed organic nutrients improve the soil environment, loosen the soil, promote root development, reduce repeated crop diseases, and improve yield and quality. 海藻有机养分改良土壤环境，疏松土壤，促进根系发育，减轻重茬病害，提高产量和品质；
- Set slow control, high safety, medium and micro elements and seaweed organic nutrients as a whole, is a labor-saving and efficient special controlled release fertilizer. 集缓控性、高安全性、大中微量元素及海藻有机养分为一体，是省工高效的特种控释肥料。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥3%
氮 (Nitrogen)	≥14%
控释氮 (Controlled Release N)	≥8%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥10%
钾 (Potassium) K <sub>2</sub> O	≥21%
控释钾 (Controlled Release K)	≥8%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥45%
湿度 (Moisture)	≤2%
外观 (Appearance)	颗粒 (Granule)

# *Seaweed Compound Fertilizer*

## *-Bulk Blending Fertilizer (Seaweed)*



### 18-9-19 CONTR N

This product uses the international advanced PCF triple coating technology, nitrogen and potassium double control, accurate nutrient release, no defertilization, anti-premature aging, improve nutrient absorption and utilization; In particular, 3% seaweed plant extracts are added to intelligently regulate nutrient absorption efficiency, improve soil environment, reduce recropping diseases, and promote root development; Increase yield obviously, improve crop quality; The coating material is degradable and friendly to the soil environment.

本品采用国际先进的PCF三重包膜技术，包膜控释，养分精准释放，速效长效相结合；特别添加3%海藻有机质养分，通过海藻有机质的螯合功能，提高氮磷钾养分的吸收利用率；包膜材料可降解，对土壤环境友好。



# Seaweed Compound Fertilizer

## -Bulk Blending Fertilizer (Seaweed)

- Promote crop growth and development, high fertilizer efficiency, not premature aging, improve fertilizer utilization. 促进作物生长发育，肥效长，不早衰，提高肥料利用率；
- Increase the ground temperature, loosen the soil, and enhance the absorption capacity of crop roots. 提高地温，疏松土壤，增强作物根系吸收能力；
- Comprehensively regulate crop growth to improve crop yield and quality. 综合调理作物生长，提高作物产量和品质。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥3%
氮 (Nitrogen)	≥18%
控释氮 (Controlled Release N)	≥10%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥9%
钾 (Potassium) K <sub>2</sub> O	≥19%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥46%
湿度 (Moisture)	≤2%
外观(Appearance)	颗粒 (Granule)

# ***Seaweed Compound Fertilizer*** ***-Bulk Blending Fertilizer (Seaweed)***



## **18-12-18 CONTR N**

The controlled release nitrogen of this product adopts the international advanced PCF degradable coating technology, and the nutrients are accurately released in an "S" curve, synchronized with the growth needs of garlic and other crops, and the early stage is not premature aging, and the late stage is not defertilized, and the fertilizer utilization rate is improved. High-quality raw materials of nitrogen, phosphorus and potassium, reasonable nutrient ratio, fertilizer effect is more lasting. Seaweed extract is specially added to effectively alleviate the phenomenon of dead plants in the old garlic area. It is a functional seaweed controlled release fertilizer with true seaweed and true controlled release.

本品控释氮采用国际先进的PCF可降解包膜技术，养分呈“S”型曲线精准释放，与大蒜等作物生长需求同步，前期不早衰、后期不脱肥，提高肥料利用率；优质的氮磷钾原料，合理的养分配比，肥效更持久。特别添加海藻提取物，有效缓解老蒜区重茬死棵现象，是一款真海藻、真控释的功能性海藻控释肥。



# Seaweed Compound Fertilizer

## -Bulk Blending Fertilizer (Seaweed)



- Helps to promote rooting, the stalk is strong, helps the garlic head to expand, uniform, garlic skin bright. 有助于促进生根，茎秆粗壮，有助于蒜头膨大，均匀，蒜皮光亮；
- Helps to improve crop frost resistance, fast greening, no premature aging after bolting, improve yield and quality. 有助于提高作物抗冻性，返青快，抽薹后不早衰，提高产量和品质；
- It is conducive to improving crop resistance and effectively alleviating the phenomenon of dead trees after watering. 有利于提高作物抗重茬能力，有效缓解浇水后死棵现象。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥3%
氮 (Nitrogen)	≥18%
控释氮 (Controlled Release N)	≥10%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥12%
钾 (Potassium) K <sub>2</sub> O	≥18%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥48%
湿度 (Moisture)	≤2%
外观(Appearance)	颗粒 (Granule)

# ***Seaweed Compound Fertilizer*** ***-Bulk Blending Fertilizer (Seaweed)***

## **28-5-7 CONTR N (CORN)**

This product selects high-quality raw materials, based on soil test results, scientific formula, suitable for the growth and development of corn, especially adding 4% controlled release nitrogen and 3% seaweed extract, refined by advanced production technology, high nutrient content, nutrient complete, high utilization rate, is a good helper to increase production and improve quality.

本品选用优质原料，以土壤检测结果为依据，科学配方，适合玉米的生长发育，特别添加4%控释氮和3%海藻提取物，经先进的生产工艺精制而成，养分含量高、养分全、利用率高，是增产提质的好帮手。



# Seaweed Compound Fertilizer

## -Bulk Blending Fertilizer (Seaweed)

- The controlled release nitrogen fertilizer components of this product use the international advanced PCF triple envelope technology, envelope controlled release, accurate nutrient release, quick effect and long-term combination. 本品控释氮肥成分采用国际先进的PCF三重包膜技术，包膜控释，养分精准释放，速效长效相结合；
- Rich in seaweed active factors, can comprehensively regulate crop growth, dissolution of P and K, improve fertilizer utilization. 富含海藻活性因子，能够综合调理作物生长，有助于解磷、解钾，提高肥料利用率；
- Increase the ground temperature, loosen the soil, enhance the soil permeability, and improve the absorption capacity of crop roots. 提高地温，疏松土壤，增强土壤的透气性，提高作物根系的吸收能力；
- Improve the yield and quality of crops, so that the stalks are strong and resistant to lodging, and the grains are full without virtual tips. 提高作物的产量和品质，使作物茎秆粗壮抗倒伏，籽粒饱满无虚尖。

Ingredients	Contents
海藻提取物 (Seaweed Extract)	≥3%
氮 (Nitrogen)	≥28%
控释氮 (Controlled Release N)	≥4%
磷 (Phosphorus) P <sub>2</sub> O <sub>5</sub>	≥5%
钾 (Potassium) K <sub>2</sub> O	≥7%
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	≥40%
湿度 (Moisture)	≤2%
外观(Appearance)	颗粒 (Granule)