



## CONTROLLED-RELEASE FERTILIZER

### Designed for Mechanization

可搭配自动化设备



Greenfeed Controlled-Release Fertilizer has been meticulously engineered to seamlessly integrate with a variety of application machinery, including spreaders, drones, and blowers. This design facilitates effortless and efficient fertilizer dispersal across fields and plants using commonly employed equipment. Every aspect of its production, from the particle size to the coating process, is meticulously tailored to harmonize with the requirements of these machines.

Greenfeed控释肥经过精心设计，以便与各种施肥机械无缝集成，包括撒肥机、无人机和吹风机。这种设计让使用常见设备在田间和作物上轻松高效地施肥。其生产的每一个细节，从颗粒大小到涂层工艺，都是精心定制的，以满足这些机械的要求。

### AWARD WINNING PRODUCT



"Most Popular Short Video"  
2022 Specialty Fertilizer Convention



South East Asia Business Awards 2024

★ Best Fertiliser Production Company 2024  
★ Excellence Award in Research & Development 2024



Innovative Product Award  
2021 Excellent Fertilizer and Pesticide  
Usage Reduction and High Efficiency



INTERNATIONAL  
TRADE  
COUNCIL

2021 Go Global Awards  
Top Placer Manufacturing 2021



CAC Recommended  
Suppliers Award 2020



AGROPAGES

Top 10 Novel Fertilizer  
Greatest Market Potential in China



2018 Overseas Market  
Expansion Award



10th Global Super Excellent Brand Award  
★ Leadership Excellence Award  
★ Excellent Brand Award



Malaysia Power Brand Award  
★ Leadership Excellence Award  
★ Established Brand Award



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MALAYSIA MADE  
FOR THE WORLD

# **GREENFEED®** CONTROLLED-RELEASE FERTILIZER

Greenfeed Controlled-Release Fertilizer is a product crafted through the utilization of cutting-edge technology, ensuring precision in nutrient delivery to a wide range of crops. It incorporates the use of renewable energy sources in its production process, aligning with environmentally conscious practices. Furthermore, this innovative fertilizer requires significantly lower energy inputs during its manufacturing, contributing to reduced environmental impact and energy conservation.

This Controlled-Release Fertilizer, with its technological sophistication, commitment to energy-efficient production, offers a sustainable and environmentally friendly solution for crop nutrition needs.

Greenfeed控释肥是一种使用高科技技术制作的产品，可确保多种作物更高效吸收养分。它在生产过程中采用可再生能源，符合环保意识。此外，这种创新肥料在制造过程中所需的能源投入显著降低，有助于减少环境的影响和节约能源。



*Mechanization*  
机械化



*Anti leaching*  
防淋洗



*Low carbon footprint*  
低碳足迹



*Anti volatilization*  
防挥发



*Nutrient uptake efficiency*  
养分吸收



*Anti surface run-off*  
防地表径流

## PRODUCT RANGE

### 产品系列



**17 : 10 : 10 + 2MgO + 0.3B + TE**

**BOOST VEGETATIVE GROWTH**  
促进作物营养生长

Crafted with a specialized blend of nutrients and growth-boosting elements, this product goes above and beyond to maximize vegetative growth, fostering lush and vibrant plant growth

该产品采用独特的营养配方和生长促进成分，显著提升植物的营养生长，促进植株茂盛健康。

	Nutrient	Composition
Primary Macronutrient	Nitrogen (N)	17.0 %
	Phosphorus (P <sub>2</sub> O <sub>5</sub> )	10.0 %
	Potassium (K <sub>2</sub> O)	10.0 %
Secondary Macronutrient	Magnesium (MgO)	2.0 %
	Calcium (CaO)	1.0 - 2.5 %
	Sulphur (S)	1.0 - 5.0 %
Micronutrient	Boron (B <sub>2</sub> O <sub>3</sub> )	0.3 - 0.5 %
	Copper (Cu)	5 - 20 ppm
	Zinc (Zn)	5 - 20 ppm
Zeolite	Available	
Packaging	20 kg	



**12 : 12 : 20 + 2MgO + 0.3B + TE**

**ENHANCE FLOWER AND FRUIT DEVELOPMENT**  
促进花果发育

Formulated with a unique combination of nutrients and growth enhancing elements, this product excels in promoting the fruiting stage of tree growth, resulting in bountiful and healthy fruit production.

该产品采用独特的营养成分和促生长元素组合配制而成，擅长促进树木生长，从而产品丰富而健康的果实。

	Nutrient	Composition
Primary Macronutrient	Nitrogen (N)	12.0 %
	Phosphorus (P <sub>2</sub> O <sub>5</sub> )	12.0 %
	Potassium (K <sub>2</sub> O)	22.0 %
Secondary Macronutrient	Magnesium (MgO)	2.0 %
	Calcium (CaO)	1.0 - 2.5 %
	Sulphur (S)	1.0 - 5.0 %
Micronutrient	Boron (B <sub>2</sub> O <sub>3</sub> )	0.3 - 0.5 %
	Copper (Cu)	5 - 20 ppm
	Zinc (Zn)	5 - 20 ppm
Zeolite	Available	
Packaging	20 kg	

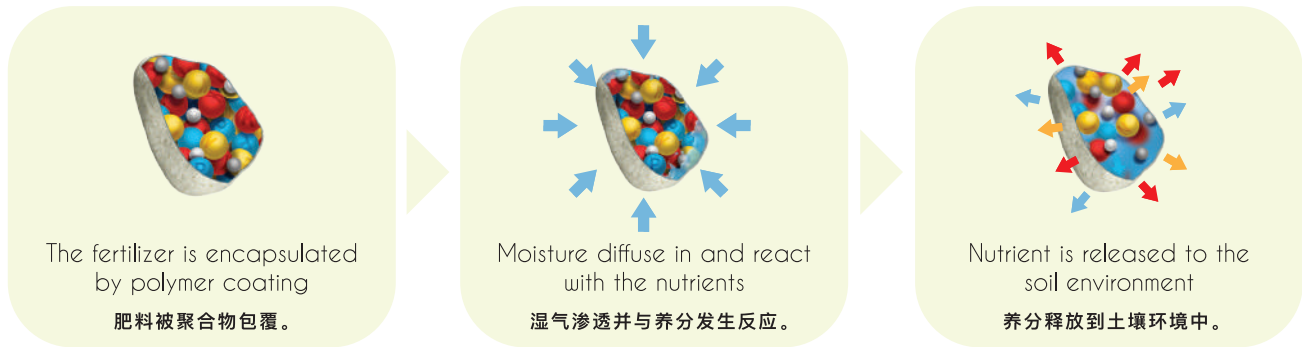
Presented specification are based on replication of results attained from in-house laboratory analysis.

所提供的规格基于我们内部实验室分析结果的复制。



# GREENFEED CONTROLLED-RELEASED FERTILIZER FUNCTIONING MECHANISM

## GREENFEED 控释肥作用机理



Greenfeed Controlled Release Fertilizer is a cutting-edge solution for modern agriculture. Its technology-driven approach not only ensures that crops receive the nutrients they need but also minimizes the negative environmental impacts associated with traditional fertilizers. This product supports sustainable agriculture practices and helps meet the growing demand for food production while preserving natural resources.

Greenfeed 控释肥是现代农业的前沿解决方案。其技术驱动的方法不仅确保作物获得所需的营养，还最小化了与传统肥料相关的负面环境影响。该产品支持可持续农业实践，有助于满足食品生产不断增长的需求，同时保护自然资源。

## BENEFITS OF GREENFEED CONTROLLED-RELEASE FERTILIZER

### GREENFEED 控释肥的好处

#### COMPREHENSIVE NUTRIENT PROFILE



The fertilizer is formulated to contain a comprehensive array of essential plant nutrients. This includes macro nutrients (such as nitrogen, phosphorus, and potassium), micronutrients (like iron, manganese, and zinc), and trace elements. This balanced nutrient profile ensures that crops have access to all the elements they need for optimal growth and development.

肥料经过配制，含有一系列植物所需的基本营养素。这包括大量元素（如氮、磷和钾）、中量元素（如铁、锰和锌）以及微量元素。这种平衡的营养概况确保作物获得其生长和发育所需的所有元素。

#### POLYMERIC COATING



The nutrients within the fertilizer are encapsulated with a polymeric substance that acts as a semi-permeable membrane. This coating allows soil moisture to penetrate the fertilizer, triggering the gradual release of nutrients. The controlled release technology helps prevent nutrient loss through volatilization, leaching, or denitrification.

肥料中的营养素被用聚合物物质包裹，起到半透膜的作用。这种包覆允许土壤水分渗透到肥料中，从而触发营养素的逐渐释放。控制释放技术有助于防止营养素通过挥发、淋溶或脱氮流失。

#### ENHANCED PLANT GROWTH AND YIELD



By providing a consistent and balanced supply of nutrients, Greenfeed Controlled Release Fertilizer promotes healthy plant growth and development. This can lead to increased crop yields and improved crop quality, ultimately benefiting farmers and contributing to food security.

通过提供一致而平衡的营养供应，Greenfeed 控释肥促进植物的健康生长和发育，增加和农产品质量，惠及农民并有助于食品安全。

#### ENVIRONMENTALLY FRIENDLINESS



Greenfeed Controlled Release Fertilizer is designed to reduce nutrient loss to the environment. By minimizing nutrient runoff and leaching, it helps protect water bodies from pollution and eutrophication, which is a common issue associated with traditional fertilizers. This eco-friendly approach contributes to sustainable agriculture and promotes environmental conservation.

Greenfeed 控释肥可减少养分对环境的损失。通过最小化养分流失和淋溶，有助于保护水体免受污染和富营养化的影响，这是与传统肥料相关的常见问题。这种环保的方法有助于可持续农业，并促进环境保护。

#### IMPROVED FERTILIZER USE EFFICIENCY



Greenfeed Controlled Release Fertilizer is designed to reduce nutrient loss to the environment. By minimizing nutrient runoff and leaching, it helps protect water bodies from pollution and eutrophication, which is a common issue associated with traditional fertilizers. This eco-friendly approach contributes to sustainable agriculture and promotes environmental conservation.

Greenfeed 控释肥旨在减少营养物质对环境的流失。通过将营养物质的径流和淋洗降到最低，它有助于保护水体免受污染和富营养化，这是传统肥料常见的问题。这种环保的方法有助于可持续农业的发展，并促进环境保护。



SCAN QR CODE FOR MORE  
APPLICATION GUIDE

扫描二维码来了解更多应用指南视频

# GREENFEED CONTROLLED-RELEASE FERTILIZER APPLICATION RATE

## GREENFEED 控释肥的应用方式

CROP 作物	PLANT AGE 树龄	APPLICATION DOSSAGE PLANT 施用剂量	PRODUCT TYPE 产品类型	FREQUENCY 次数
OIL PALM 油棕	Nursery 苗	50g - 70g	17 : 10 : 10 + 2MgO + 0.3B + TE	Every 2 -3 months 每2-3个月
	Transplanting 移植	400g - 500g		2 times / year 2 次/年
	Year 1 - 2	400g - 600g		
	Year 3 - 4	600g - 700g		
	Year 5 - 6	700g - 800g	12 : 12 : 20 + 2MgO + 0.3B + TE	
	>Year 7	900g - 1.5kg		
FRUIT (Mango, Jackfruit, Citrus, Mangosteen, Wax Apple, Guava, Pomelo, Rambutan, etc.) 水果 (芒果、菠萝蜜、柑橘、山竹、 莲雾、芭乐、柚子、红毛丹等)	Nursery 苗	25g - 50g	17 : 10 : 10 + 2MgO + 0.3B + TE	2 - 4 times / year 2 - 4 次/年
	Transplanting 移植	200g - 300g		
	Year 1 - 2	400g - 500g		
	Year 3 - 4	600g - 700g	12 : 12 : 20 + 2MgO + 0.3B + TE	
	Year 5 - 6	800g - 900g		
	>Year 7	1.0kg - 1.5kg		
DURIAN** (IMMATURE) 榴莲 (幼年)	Nursery 苗	10g - 30g	17 : 10 : 10 + 2MgO + 0.3B + TE	3 - 4 times / year 3 - 4 次/年
	>1 ft	50g - 100g		
	2 ft - 3 ft	100g - 200g		
	3 ft - 5 ft	200g - 300g		
	5 ft - 10 ft	400g - 500g		
	>10 ft	500g - 1.2kg		
DURIAN (MATURE) 榴莲 (成年)	Year 4 - 5	900g - 1.2kg	12 : 12 : 20 + 2MgO + 0.3B + TE	3 - 4 times / year 3 - 4 次/年
	Year 6 - 8	1.2kg - 1.5kg		
	Year 9 - 10	1.5kg - 2.0kg		
	>Year 11	2.0kg - 3.0kg		
FRUIT VEGETABLE 果蔬	-	50g - 100g	12 : 12 : 20 + 2MgO + 0.3B + TE	Every 2 -3 months 每2-3个月
VINING VEGETABLE 藤本蔬菜	-	50g - 100g		Every 2 -3 months 每2-3个月
PADDY 稻米	-	40 kg / 1 acre		3 times / cycle 3-4 次/周期
FLOWER 花	-	50g - 100g		Every 2 -3 months 每2-3个月
PINEAPPLE 黄梨	-	30g - 50g		1 time / cycle 1次/周期
MAIZE 玉米	-	50g - 100g		1 time / cycle 1次/周期
FOREST TREE / TIMBER 林木	-	100g - 1.0kg		2 - 3 times / year 每2-3个月
LEAFY VEGETABLE 叶菜	-	50g - 100g		1 time / cycle 1次/周期
TURF 草坪	-	10kg / 1 acre		17 : 10 : 10 + 2MgO + 0.3B + TE

- Fertilizer application varies depending on plant, soil and climate conditions

- Consult our technical advisor for recommendation

- 肥料的施用根据植物、土壤和气候条件的不同而有所变化。

- 请咨询我们的技术顾问以获取建议。

