



AG-tech®
leading solution

AG SOLUBLE
Liquid Fertilisers

Essence in every single drop

高 效 精 华 液 肥 素

Precise nourishment to the last drop

Liquid fertilisers have been widely acknowledged for its fast and efficient nutrients absorption by the crops, either by foliar application or soil drenching. For over few decades Fertitrade has been on a mission to formulate the best quality and affordable liquid fertiliser products under the brand of *Ag-tech*, eg:-

- *Ag* Leader 954[®]
- *Ag* Leader 469[®]
- *Ag* Leader 368[®]
- *Ag* Leader Ca
- *Ag* Leader Humus

while safeguarding our crops, the soil and the environment. Ag Leader is a series of special formulated liquid fertilisers, suitable to apply during nursery, vegetative, recuperate, flowering or fruiting stages. Ag Leader liquid fertilisers have been broadly accepted, trusted and used by the growers in Malaysia for decades.

精心特制，滴滴精华

液肥已是备受广泛认同每当用于叶面喷施或土壤浇淋时，能快速及有效地被作物吸收。豐登已在几十年前在 *Ag-tech* 品牌旗下踏上专研最佳品质及经济性液肥的路程，如:-

- *Ag* 先锋海藻生长素
- *Ag* 先锋海藻花果素
- *Ag* 先锋海藻果肥素
- *Ag* 先锋海藻果钙素
- *Ag* 先锋海藻腐殖素

同时呵护我们的农作物，土壤及环境。先锋是一系列适合施用在苗圃期，成长期，修复期或花果期的特制液肥。先锋液肥已超过几十年广泛被马来西亚农友们接受，信任及使用。

8 Benefits of *Ag* Soluble – Foliar Liquids

Ag 水溶 – 液肥的特点



Ideal pH
适当酸碱值



Fast absorption
快速吸收



Effective
有效



Cost-saving
节约成本



Premium Macro
Raw Material
特级大量元素
为原料

EDTA
TE

EDTA Micro
螯合微量元素



+ Seaweed Extract
添加海藻素



Negligible Heavy
Metal
微少重金属

Ag Leader 954[®]

先锋海藻生长素



Nursery/Vegetative/Recuperate Stages
苗圃/成长/修复阶段



Available in 4L & 20L

Introduction

- ✓ Liquid fertiliser that contains macronutrients, micronutrients, amino acids, gibberellic acids (GA3), hormone betaines and seaweed/kelp extract *Ascophyllum nodosum*, suitable to apply during nursery/vegetative/ recuperate stage of crops.
- ✓ Promotes healthier, faster and vigorous vegetative growth.
- ✓ Stimulates faster cell division and internode elongation.
- ✓ Improves chlorophyll contents in the leaves.
- ✓ Strengthen crop's resistance against stresses, pests and diseases infection.
- ✓ Contains humic and fulvic acid for more efficient utilisation and uptake of the nutrients in the solution.
- ✓ Enhances crop yield and quality.

简介

- ✓ 含有大量元素，微量元素，氨基酸，赤霉素，甜菜碱激素及海藻素的液肥，并适合施用在苗圃/成长/修复阶段的作物。
- ✓ 刺激更健康、快速及蓬勃的成长。
- ✓ 刺激快速细胞分裂及节间伸长。
- ✓ 提升叶片的叶绿素。
- ✓ 提升农作物对周遭压力及害虫病害的抵抗力。
- ✓ 含有腐殖酸及富里酸以更有效地利用液肥里的养分。
- ✓ 提高农作物产量及品质。

Nutrient Content / 营养成分

Major Elements 大量元素	% (w/v)	Minor Elements 微量元素	% (w/v)
Nitrogen (N) 氮	9.0	Boron (B ₂ O ₃) 硼	700 ppm
Phosphorus (P ₂ O ₅) 磷	5.0	EDTA Ferum (Fe) 铁	600 ppm
Potassium (K ₂ O) 钾	4.0	EDTA Manganese (Mn) 锰	500 ppm
Magnesium (MgO) 镁	0.7	EDTA Zinc (Zn) 锌	600 ppm
Sulphur (S) 硫	0.5	EDTA Copper (Cu) 铜	200 ppm
		EDTA Cobalt (Co) 钴	3 ppm
		Molybdenum (Mo) 钼	10 ppm

Properties / 性质

pH 酸碱值 (0.1% - 0.3%)	6.0 ± 0.1
Density 密度	1.20 g/cm ³

Recommended Usage / 推荐用法

Type of Crop / 作物种类	Dilution rate / 18L spray 每18公升喷施	Application Period / 施肥时间
Leafy vegetables, Edible plant stems Spinach, Mustard, Lettuce, Kale, Water Spinach, Asparagus, Celery etc.	叶菜类, 茎菜类 菠菜, 菜心, 生菜, 芥兰, 莴菜, 芦笋, 芹菜等	20 - 40 ml 毫升 Once every 7 days 每7天喷施一次
Fruit vegetables, Cucurbits, Roots, Cruciferous, Legumes, Cereals Chili, Tomato, Cucumber, Sweet Potato, Cauliflower, Beans, Corn, Paddy etc.	果菜类, 藤菜类, 块根类, 花菜类, 豆科类, 谷类 辣椒, 番茄, 青瓜, 番薯, 花椰菜, 豆, 玉蜀黍, 稻米等	20 - 40 ml 毫升 Once every 7 days 每7天喷施一次
Fruits Durian, Banana, Watermelon, Pineapple, Guava, Papaya, Citrus etc.	水果类 榴连, 香蕉, 西瓜, 凤梨, 番石榴, 木瓜, 柑橘等	20 - 40 ml 毫升 Once every 7 days 每7天喷施一次
Landscape Plants, Flowers Landscape grass, Ferns, Chrysanthemum, Rose etc.	观赏植物及花卉 草皮, 蕨类, 菊花, 玫瑰等	20 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
Nurseries Oil Palm, Rubber, Coco etc.	苗圃 油棕, 橡胶, 可可等	40 - 60 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次

Ag Leader 469[®]

先锋海藻花果素



Flowering & Early Fruiting Stage
开花及初期结果阶段



Available in 4L & 20L

Introduction

- Liquid fertiliser that contains macronutrients, micronutrients, amino acids, gibberellic acid (GA3), hormone betaines and seaweed/kelp extract *Ascophyllum nodosum*, suitable to apply during flowering stage of crops.
- Stimulates earlier flowers blooming and formation.
- Assists in pollen germination and enhance earlier stage fruits formation.
- Improves chlorophyll contents in the leaves.
- Strengthen crop's resistance against stresses, pests and diseases infection.
- Contains humic and fulvic acid for more efficient utilisation and uptake of the nutrients in the solution.
- Enhances crop yield and quality.
- Suitable for crop that blooms and fruits simultaneously.

简介

- 含有大量元素，微量元素，氨基酸，赤霉素，甜菜碱激素及海藻素的液肥，并适合施用在开花期的作物。
- 促进农作物更早的花序形成及绽放。
- 有助于花粉萌发及促进初期果实形成。
- 提升叶片的叶绿素。
- 提升农作物对周遭压力及害虫病害的抵抗力。
- 含有腐殖酸及富里酸以更有效地利用液肥里的养分。
- 提高农作物产量及品质。
- 适合同时间开花结果的作物。

Nutrient Content / 营养成分

Major Elements 大量元素	% (w/v)	Minor Elements 微量元素	% (w/v)
Nitrogen (N) 氮	4.0	Boron (B ₂ O ₃) 硼	2000 ppm
Phosphorus (P ₂ O ₅) 磷	9.0	EDTA Ferum (Fe) 铁	700 ppm
Potassium (K ₂ O) 钾	6.0	EDTA Manganese (Mn) 锰	700 ppm
Magnesium (MgO) 镁	0.75	EDTA Zinc (Zn) 锌	300 ppm
Sulphur (S) 硫	0.65	EDTA Copper (Cu) 铜	200 ppm
		EDTA Cobalt (Co) 钴	3 ppm
		Molybdenum (Mo) 钼	10 ppm

Properties / 性质

pH 酸碱值 (0.1% - 0.3%)	6.0 ± 0.1
Density 密度	1.32 g/cm ³

Recommended Usage / 推荐用法

Type of Crop / 作物种类	Dilution rate / 18L spray 每18公升喷施	Application Period / 施肥时间
Fruit vegetables, Cucurbits Chili, Brinjal, Tomato, Cucumber, Bitter gourds, Patola, Celery etc.	果菜类, 藤菜类 辣椒, 茄子, 番茄, 青瓜, 苦瓜, 角瓜等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
Roots, Cruciferous, Legumes, Cereals Onion, Yam, Sweet Potato, Cauliflower, Beans, Paddy etc.	块根类, 花菜类, 豆科类, 谷类 洋葱, 芋头, 番薯, 花椰菜, 豆, 稻米等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
Fruits Durian, Banana, Watermelon, Pineapple, Guava, Papaya, Citrus etc.	水果类 榴莲, 香蕉, 西瓜, 凤梨, 番石榴, 木瓜, 柑橘等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
		100 ml 毫升 Drench once a month 每个月浇淋果树四周一次
Landscape Plants, Flowers Landscape grass, Ferns, Chrysanthemum, Rose etc.	观赏植物及花卉 草皮, 蕨类, 菊花, 玫瑰等	20 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次

AG Leader 368®

先锋海藻果肥素



Fruiting Stage
成果阶段



Available in 4L & 20L

Introduction

- Liquid fertiliser that contains macronutrients, micronutrients, amino acids, hormones betaine and seaweed/kelp extract *Ascophyllum nodosum*, suitable to apply during fruiting stage of crops. Induces larger and better fruits formation.
- Promotes greater fruit qualities:
 - Longer shelf life
 - Brighter fruit color
 - Better texture
 - Sweeter and better flavor
- Improves chlorophyll contents in the leaves.
- Strengthen crop's resistance against stresses, pests and diseases infection.
- Contains humic and fulvic acid for more efficient utilisation and uptake of the nutrients in the solution.
- Enhances crop yield and quality.

简介

- 含有大量元素，微量元素，氨基酸，赤霉素，甜菜碱激素及海藻素的液肥，并适合施用在结果期的作物。
- 促进更大更丰硕的果实形成。
- 提升果实的品质：
 - ✓ 延长储存期
 - ✓ 色泽较鲜艳
 - ✓ 口感较佳
 - ✓ 较甜及有风味
- 提升叶片的叶绿素。
- 提升农作物对周遭压力及害虫病害的抵抗力。
- 含有腐殖酸及富里酸以更有效地利用液肥里的养分。
- 提高农作物产量及品质。

Nutrient Content / 营养成分

Major Elements 大量元素	% (w/v)	Minor Elements 微量元素	% (w/v)
Nitrogen (N) 氮	6.0	Boron (B ₂ O ₃) 硼	200 ppm
Phosphorus (P ₂ O ₅) 磷	4.0	EDTA Ferum (Fe) 铁	600 ppm
Potassium (K ₂ O) 钾	9.0	EDTA Manganese (Mn) 锰	600 ppm
Magnesium (MgO) 镁	0.9	EDTA Zinc (Zn) 锌	200 ppm
Sulphur (S) 硫	1.5	EDTA Copper (Cu) 铜	200 ppm
		EDTA Cobalt (Co) 钴	3 ppm
		Molybdenum (Mo) 钼	10 ppm

Properties / 性质

pH 酸碱值 (0.1% - 0.3%)	6.1 ± 0.1
Density 密度	1.32 g/cm ³

Recommended Usage / 推荐用法

Type of Crop / 作物种类	Dilution rate / 18L spray 每18公升喷施	Application Period / 施肥时间
Fruit vegetables, Cucurbits Chili, Brinjal, Tomato, Cucumber, Bitter gourds, Patola etc.	果菜, 藤菜类 辣椒, 茄子, 番茄, 青瓜, 苦瓜, 角瓜等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
Roots, Legumes, Cereals Onion, Yam, Sweet Potato, Beans, Paddy etc.	块根类, 豆科类 洋葱, 芋头, 番薯, 豆, 稻米等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
Fruits Durian, Banana, Watermelon, Pineapple, Guava, Papaya, Citrus etc.	水果类 榴莲, 香蕉, 西瓜, 凤梨, 番石榴, 木瓜, 柑橘等	20 - 40 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次
		100 ml 毫升 Drench once a month 每个月浇淋果树四周一次
Landscape Plants, Flowers Landscape grass, Ferns, Chrysanthemum, Rose etc.	观赏植物及花卉 草皮, 蕨类, 菊花, 玫瑰等	20 ml 毫升 Once every 7 - 14 days 每7-14天喷施一次

AG Leader Ca

先锋海藻果钙素



Vegetative, Flowering & Fruiting Stages
成长及开花结果阶段



Available in 4L & 20L.

Introduction

- ✔ Liquid fertiliser that contains nitrogen, calcium, magnesium and boron that is effective in preventing bitterpit, blossom end rot and fruit cracking.
- ✔ Also contains amino acids (lysine & methionine), gibberellic acid (GA3), hormone betaine and seaweed/kelp extract *Ascophyllum nodosum*, suitable to apply since vegetative stage of crops.
- ✔ Strengthen the fruit skin toughness.
- ✔ Lengthen the crop's storage life after harvest.
- ✔ Improves pollination.
- ✔ Improves chlorophyll contents in the leaves.
- ✔ Strengthen crop's resistance against stresses, pests and diseases infection.
- ✔ Contains humic and fulvic acid for more efficient utilisation and uptake of the nutrients in the solution.
- ✔ Enhances crop yield and quality.

简介

- ✔ 有效地预防果心腐烂, 果尾腐烂, 枯枝病及裂果的氮钙镁硼液肥。
- ✔ 含有氨基酸(赖氨酸及蛋氨酸), 赤霉素, 甜菜碱激素及海藻素, 并适合从成长期开始喷施。
- ✔ 提升果皮坚韧度。
- ✔ 延长农作物存放期。
- ✔ 延长授粉期。
- ✔ 提升叶片的叶绿素。
- ✔ 提升农作物对周遭压力及害虫病害的抵抗力。
- ✔ 含有腐殖酸及富里酸以更有效地利用液肥里的养分。
- ✔ 提高农作物产量及品质。

Nutrient Content / 营养成分

Major Elements 大量元素	% (w/v)	Minor Elements 微量元素	% (w/v)
Nitrogen (N) 氮	8.0	Boron (B ₂ O ₃) 硼	0.6
Magnesium (MgO) 镁	2.0	EDTA Ferum (Fe) 铁	400 ppm
Calcium (CaO) 钙	10.0	EDTA Manganese (Mn) 锰	400 ppm
		EDTA Zinc (Zn) 锌	650 ppm
		EDTA Copper (Cu) 铜	90 ppm
		EDTA Cobalt (Co) 钴	3 ppm
		Molybdenum (Mo) 钼	10 ppm

Properties / 性质

pH 酸碱性 (0.1% - 0.3%)	8.0 ± 0.1
Density 密度	1.40 g/cm ³

Recommended Usage / 推荐用法

Type of Crop / 作物种类	Dilution rate / 18L spray 每18公升喷施	Application Period / 施肥时间
Fruit vegetables, Cucurbits Chili, Brinjal, Tomato, Cucumber, Bitter gourds, Patola, Celery etc.	20 - 40 ml 毫升	Once every 7 - 14 days 每7-14天喷施一次
Roots, Cruciferous, Legumes, Cereals Onion, Yam, Sweet Potato, Cauliflower, Beans, Corn etc.		
Fruits Durian, Banana, Watermelon, Pineapple, Guava, Papaya, Citrus etc.	20 - 40 ml 毫升	
Landscape Plants, Flowers Landscape grass, Ferns, Chrysanthemum, Rose etc.	20 ml 毫升	

AG Leader Humus

先锋海藻腐殖素



Bio-stimulant – Rooting & Soil Amendment
生物激素 – 生根及土壤改良



Available in 4L & 20L

Introduction

- ✔ Liquid fertilizer that contains humic acid, fulvic acid, amino acid, hormone (betaine), mannitol, alginic acid and seaweed/kelp extract *Ascophyllum nodosum* as crop biostimulant for robust rooting and soil amendment.
- ✔ Applied through soil drenching:
 - ✔ Ameliorates soil structure.
 - ✔ Improves CEC and water holding capacity of the soil.
 - ✔ Increase beneficial microbial activity.
 - ✔ Induces healthy and vigorous rooting.
 - ✔ Boost up nutrient absorption by the crops.
- ✔ Applied through foliar spraying:
 - ✔ Induces better utilisation and uptake of the nutrients in the solution.
 - ✔ Increase chlorophyll contents in the leaves.
 - ✔ Enhances crop's resistance against stresses, pests and diseases infection.
- ✔ Improves crop yield and quality.

简介

- ✔ 含有腐殖酸、富里酸、氨基酸、甜菜碱激素、糖醇、海藻酸及海藻素的液肥，用于刺激农作物根部发展及改良土壤的生物激素。
- ✔ 用于浇淋土壤：
 - ✔ 改善土壤。
 - ✔ 增加土壤的保水及阳离子交换能力。
 - ✔ 提升有益菌的活动。
 - ✔ 促进根部健康及蓬勃的生长。
 - ✔ 提升作物土壤的养分吸收。
- ✔ 用于叶面喷施：
 - ✔ 更有效地利用液肥里的养分。
 - ✔ 提升叶片的叶绿素。
 - ✔ 提升农作物对周遭压力及害虫病害的抵抗力。
- ✔ 提高农作物产量及品质。

Nutrient Content / 营养成分

Major Elements 大量元素	% (w/v)	Minor Elements 微量元素	% (w/v)
Nitrogen (N) 氮	2.0	Boron (B ₂ O ₃) 硼	1000 ppm
Phosphorus (P ₂ O ₅) 磷	5.0	EDTA Ferum (Fe) 铁	400 ppm
Potassium (K ₂ O) 钾	4.0	EDTA Manganese (Mn) 锰	300 ppm
Magnesium (MgO) 镁	0.5	EDTA Zinc (Zn) 锌	800 ppm
		EDTA Copper (Cu) 铜	100 ppm
Humic Acid & Fulvic Acid 腐殖酸 & 富里酸	3.5	EDTA Cobalt (Co) 钴	3 ppm
Seaweed Extract 海藻素	1.5	Molybdenum (Mo) 钼	10 ppm
Amino Acids 氨基酸	0.6		

Properties / 性质

pH 酸碱性 (0.1% - 0.3%)	6.1 ± 0.1
Density 密度	1.18 g/cm ³

Recommended Usage / 推荐用法

Usage 用法	Dilution rate / 18L spray 每18公升喷施	Application Period / 施肥时间
Foliar Spraying 叶面喷施	20 - 40 ml 毫升	Once every 7 - 14 days 每7-14天喷施一次
Soil Drenching 土壤浇淋	Mineral Soil 矿质土壤	Drenching once every 2 - 4 weeks 每2-4星期浇淋一次
	Problematic Soil - Sandy Soil, Clayish Soil, Laterite Soil 问题土壤 - 沙质土, 黏土, 红土	

Manufactured & Distributed by:



FERTITRADE (M) SDN. BHD.

(Wholly owned subsidiary of Agromate Holdings Sdn. Bhd.)

豐登 (馬) 有限公司

Reg. No. 198101007082 (73198-V)

M-3-3, Block M, Encorp Strand Garden office, No.12, Jalan PJU 5/1,
Kota Damansara, 47810 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel: 03-7666 8899 Fax: 03-7666 8891 Email: enq@fertitrade.com.my

Fertitrade is a wholly owned subsidiary of



AGROMATE HOLDINGS SDN. BHD.

(174437-A)



ANNIVERSARY

Nurturing unlimited
possibilities since 1979