



Royal 黑
terra 皇

Ag-tech®
leading solution

Imported Fortified Organic Compound
特级进口有机质复合肥

Registered under Plant Biosecurity Division, DOA Malaysia

Product of:



台湾肥料股份有限公司
TAIWAN FERTILIZER CO., LTD.



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Description

Imported nitrophosphate fertiliser produced by reacting phosphate powder rock with nitric acid to convert excess calcium into valuable calcium nitrate instead of gypsum. At the same time, nitrogen, phosphorus, potassium, magnesium and others are added to provide full range of nutrients to the plant. Provides additional advantage by acting as soil conditioner with addition of organic matter and humic acid while supplying nutrients at balance ratio. Suitable for both cash crops and perennial crops.

产品简介

进口黑皇复合肥属于硝磷基制程产品。磷矿粉经过硝酸混合反应进而将额外的钙转换为有价值的硝酸钙，而非石膏粉。同时，此产品在制作过程中还加入氮、磷、钾，镁等，为植物提供全面的营养元素。除了提供均匀的养分，黑皇复合肥还含有高有机质及腐殖酸作为土壤改良剂，适用于短期作物及多年生作物。



Company Profile

Taiwan Fertilizer Co. Ltd (TFC) was founded on May 1, 1946 as a state-owned enterprise. On September 1, 1999, TFC was officially privatised to improve efficiency and performance and has become profitable.

TFC is the largest modernised fertiliser producer which have 70% market share in Taiwan, and provides more than 700,000 tons fertilisers per year to the domestic market. TFC has also demonstrated a series of joint-ventures and reinvestments including the Al-Jubail Fertiliser Company in Saudi Arabia and Taiwan Yes Deep Ocean Water Co., Ltd. This diversification is backed by continuing its original fertiliser and chemical businesses that form the backbone of Taiwan Fertiliser Co., Ltd.

TFC specialises in plant nutrition as well as products for environmental and industrial applications. With the long experience and deep knowledge in the production and application of plant nutrients, we believe that fertilisers of TFC play an essential role in environmentally and economically sustainable agriculture.

公司简介

台湾肥料股份有限公司（台肥）以国有企业首创于1946年5月1日。于1999年9月1日，台肥正式私有化以更有效地建立具盈利业务。

作为最大家的现代化肥料制作商，台肥占据70%台湾市场，每年为国内市场生产超过七百千吨肥料。台肥还透过沙地阿拉伯的朱拜勒肥料公司及台湾海洋深层水股份有限公司进行合资及再投资。除了多元化的生意，其原有的肥料及化学业务成了台肥公司的支柱。

台肥专研植物营养学及环境与工业应用。在植物营养素的生产和应用所拥有的丰富经验及知识，我们深信台肥在永续农业所着重的环境学及经济学扮演重要角色。

Product Features

- Availability of both fast action nitrate-nitrogen and slow action ammonium-nitrogen
- Immediate availability of water soluble phosphate and prolonged release citric soluble phosphate
- Availability of soluble calcium oxide for better crop resistance, quality and longer shelf life after harvest
- Fast absorption
- Contains high percentage of organic matters and humic acid as soil amendment
- Enhance nutrient retention in soil
- Full range of formulations
- Minimum soil acidification issue



产品特点

- 含有氨态氮及硝酸氮两种不同的氮肥形态，可提供作物肥效快速性及缓效性两种不同的效果
- 含快速吸收水溶性磷肥及缓效性吸收酸溶性磷肥
- 额外添加氧化钙以提高作物的抵抗力，品质及采收后更长的存放期
- 快速吸收
- 含高含量有机质及腐殖酸以改善土壤
- 提升养分在土壤里的保留率
- 齐全的配方
- 极少造成土壤酸化问题



氮	氧化磷	氧化钾	氧化镁	有机质	其它元素
N 12	P ₂ O ₅ 12	K ₂ O 17	MgO 2	OM 45	Other nutrients 2% S + 8% CaO

2% 硫 + 8% 氧化钙

- NPK formulation with complete secondary macronutrients (MgO, CaO, S)
- Suitable for flowering and fruiting stages
- Induces better flowering and fruit set
- Contains 4.8% nitrate-N and more than 1/3 of water soluble phosphate
- Contains trace elements

- 含有齐全中量元素（镁，钙，硫）的氮磷钾配方
- 适用于开花结果期
- 刺激更多的花序绽放及果实形成
- 含有4.8%硝酸态氮及三分之一水溶性磷
- 含有微量元素



氮	氧化磷	氧化钾	氧化镁	有机质	其它元素
N 15	P ₂ O ₅ 15	K ₂ O 15	MgO 2	OM 50	Other nutrients 8.5% CaO

8.5% 氧化钙

- Balance ratio of N, P and K
- Suitable for entire growth stage
- Addition of MgO to increase chlorophyll content for photosynthesis
- Contains 6% nitrate-N and 1/3 of water soluble phosphate
- Contains trace elements

- 氮、磷、钾之间平衡比率
- 适用于植物的整个生长周期
- 额外添加氧化镁以提高叶绿素，提升光合作用
- 含有6%硝酸态氮及三分之一水溶性磷
- 含有微量元素



氮	氧化磷	氧化钾	氧化镁	有机质	其它元素
N 11	P ₂ O ₅ 5	K ₂ O 21	MgO -	OM 40	Other nutrients 6% S + 8% CaO

6% 硫 + 8% 氧化钙




- High K formulation to enhance fruit growth
- Adequate sulphur contents promote crop growth and earlier maturity
- Contain 3.5% nitrate-N and more than 1/3 of water soluble phosphate
- Contains trace elements

- 高钾肥可用于促使果实膨大
- 适量的硫素促进作物成长及作物早熟性
- 含有3.5%硝酸态氮及超过三分之一水溶性磷
- 含有微量元素

经济作物
Cash crop

蔬菜
Vegetables





叶菜类
Leafy vegetables
fertiliser recommendation
施肥推荐

time	dosage kg/acre
10-12 days after	 100-150
14-16 days after	 100-150
18-22 days after	 100-150





黄瓜
Cucumber
fertiliser recommendation
施肥推荐

time	dosage kg/acre
1-10 days after	 100-150
11-20 days after	 100-150
21-30 days after	 100-150
>30 days after	 100-150

玉蜀黍
Maize
fertiliser recommendation
施肥推荐

time	dosage kg/acre
10 days after	 100-150
20 days after	 100-150
30 days after	 100-150
40 days after	 100-150






辣椒
Chili
fertiliser recommendation
施肥推荐

time	dosage g/plant
1-10 days after	 10-15
11-20 days after	 10-15
21-30 days after	 10-15
>30 days after	 15-50

经济作物
Cash crop

果树
Fruit Crops



榴槤
Durian
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1	 0.05-0.15
year 2 - 5	 0.1-0.2
year > 5 (recuperate stage)	 1.0-2.0
year > 5 (flowering preparation)	 1.0-2.0
year > 5 (fruiting stage)	 1.0-2.0




香蕉
Banana
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
1 months after	 0.2
2 months after	 0.3
3 months after	 0.5
4 - 5 months after	 0.6
6 - 7 months after	 0.4



西瓜
Watermelon
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
10 days after	 0.1
20 days after	 0.1
40 days after	 0.2





番石榴
Guava
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1 (first 6 months)	 0.05
year 1 (after 6 months)	 0.1
year > 2	 0.2-0.8



火龙果
Dragon Fruit
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1	 0.1-0.25
year > 2	 0.15-0.25





油棕树
Oil Palm
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1 (6 times/year)	 0.5-1.0
year 2 - 8 (4 times/year)	 1.0-2.5
year > 8 (3 times/year)	 2.5-3.0
(1 time/year)	 2.5-3.0

橡胶树
Rubber Tree
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1 - 3 (4 times/year)	 0.15-0.35
year > 4 (2-3 times/year)	 0.3-0.5

椰树
Coconut Tree
fertiliser recommendation
施肥推荐

time	dosage kg/time/plant
year 1 (4 times/year)	 0.5
year 2 (4 times/year)	 1.0-1.5
year > 3 (1 time/year)	 1.5-2.0
(3 times/year)	 1.5-2.0

园丘作物
Plantation Crops

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