



Royal 黑
terra 皇





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Description

Imported nitrophosphate fertilizer 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 while supplying nutrients at balance ratio.

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、镁等等，为植物提供全面的营养元素。作为土质改良剂，黑皇复合肥还提供均匀营养元素，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 privatized to improve efficiency and performance and has become profitable.

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

TFC specializes 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 fertilizers 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及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。



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

- 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升光合作用
- 含有6%硝酸态氮及三分之一水溶性磷



- Suitable for vegetative growth stage of crops
- Increase soil porosity, moisture and nutrient retention
- Contain 9% nitrate-N and more than 1/3 of water soluble phosphate

- 適用於農作物營養生長期
- 增加土壤孔隙並改善土壤吸水力及延長養分存續時間
- 含有9%硝酸态氮及超过三分之一水溶性磷



氮	氧化磷	氧化钾	氧化镁	其他元素
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 crop growth
- Adequate sulphur contents promote crop growth and earlier maturity
- Contain 3.5% nitrate-N and more than 1/3 of water soluble phosphate
- 高钾肥可用于提高作物成长
- 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

Product Features

- Immediate availability of nitrate-nitrogen and water soluble phosphate
- Availability of both fast action nitrate-nitrogen and slow action ammonium-nitrogen
- No soil acidification issue
- Fast absorbability
- Enhance nutrient retention
- Balance nutrition which is suitable for entire growth stage
- Availability of calcium oxide as soil amendment while supplying calcium to the crops



We care about quality

产品特点

- 硝态氮及水溶性磷肥可快速被作物吸收
- 含有铵态氮与硝酸态氮两种不同的氮肥形态，可提拱作物肥效缓效性与快速性两种不同的功能。
- 不会造成土壤酸化问题
- 快速吸收
- 提升营养成分保留率
- 均匀养分可用于植物的整个生长周期
- 额外添加氧化钙予作物，并改善土壤



多年生作物
Plantation
crop



油棕 Oil palm

fertilizer
recommendation
施肥推荐

how to read

Product selection	Dosage
	1.5
	1.5
	1.5
	

黑皇
Royal
Terra
01 or 02

compound
MgB 22/5

ERP
Applied in
planting hole
during
transplanting

digits in
kg/palm

Year
1

round 1  0.5

round 2  1.5

round 3  1.5

round 4  1.5

Year
2

round 1  1.0

round 2  1.5

round 3  1.5

round 4  1.5

Year
3

round 1  2.0

round 2  2.5

round 3  1.5

round 4  2.5

Year
4-7

round 1  2.5

round 2  3.0

round 3  2.0

round 4  3.0

Year
8-15

round 1  2.0

round 2  2.5

round 3  2.0

round 4  2.5

round 5  2.5

Year
16-21

round 1  3.0

round 2  3.0

round 3  1.5

round 4  3.0

Year
>21

round 1  3.0

round 2  2.5

round 3  1.5

round 4  2.5

! Fertilizer recommendation is based on general crop requirement.
Additional nutrients may be required depending on field condition.
施肥推荐为通用作物需求。不同庄稼情况或需添加其他养分。

短期作物 Cash crop

how to read

Product selection	Dosage
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黑皇
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01 or 02



150



200

organic
compost



0.2

kg/acre
or
kg/plant



播种/移植前
Before
sowing /
transplant




叶菜类 Leafy vegetables

fertilizer
recommendation
施肥推荐

time	dosage kg/acre	
---		200
10-12 days after		100-150
14-16 days after		100-150
18-22 days after		100-150





黄瓜 Cucumber

fertilizer
recommendation
施肥推荐

time ---	dosage kg/acre
	 150
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

fertilizer
recommendation
施肥推荐

time ---	dosage kg/acre
	 200
10 days after	 100-150
20 days after	 100-150
30 days after	 100-150
40 days after	 100-150

辣椒 Chili

fertilizer
recommendation
施肥推荐

time ---	dosage g/plant
	 2000
1-10 days after	 10-15
11-20 days after	 10-15
21-30 days after	 10-15
>30 days after	 15-50

香蕉 Banana

fertilizer
recommendation
施肥推荐

time ---	dosage kg/plant
	 2.0
2 months after	 0.2
3 months after	 0.3
4 months after	 0.3
5 months after	 0.3
6 months after	 0.3
7 months after	 0.3

! Additional nutrients might be required if nutrient deficiency symptoms emerges.
如出现养分缺乏症状，或许添加养分。



Product of

Taiwan Fertilizer Co. Ltd.
台灣肥料股份有限公司



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Agromate (M) Sdn. Bhd.
農友（馬）有限公司

M-3-2, Pusat Perdagangan Kota Damansara,
No.12, Jalan PJU 5/1, Kota Damansara,
47810 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.

Tel : +603 7666 8888

Fax : +603 7666 8880

email : enq@agromate.com.my

website : www.agromate.com.my



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豐登（馬）有限公司

M-3-3, Pusat Perdagangan Kota Damansara,
No.12, Jalan PJU 5/1, Kota Damansara,
47810 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.

Tel : +603 7666 8888

Fax : +603 7666 8880

email : enq@fertitrade.com.my

website : www.agromate.com.my

For more details, kindly contact our technical person at 03-76668888

欲知更多详情，请联系技术人员 03-76668888。