

RAPPID®

Ammonium polyphosphate

Registration No. K9404, Act No. 36 of 1947
Botswana Reg. No. W1301144, Act No. 18 of 1999
Namibian Reg. No. N-F1064

FERTILIZER GROUP 1

Composition:

Nitrogen (N)	97 g/kg (134.8 g/l)
Phosphorus (P)	150 g/kg (208.5 g/l)

SG 1.34 – 1.4 @ 20°C

Ortho : Polyphosphate ratio = 10:90

**NOT CLASSIFIED
ACCORDING TO GHS**

GHS PRECAUTIONARY STATEMENT

Do not eat, drink or smoke when
using this product.



Registration Holder:

Nulandis® (A division of AECI Limited)

Reg. No. 1924/002590/06
P.O Box 14418 Witfield, 1467
14 Field Road (Cnr Bird Street) ,Lilianton, 1459
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Rappid® is a registered trademark of AECI® Limited

Contents: **1 Metric Ton; 1 000 ℓ ; 210 ℓ; 25 ℓ; 20 ℓ ;5 ℓ; 1 ℓ; 500 ml**
Batch no.:

UN No.: **Not regulated**

WARNINGS:

Do not use **Rappid** with any calcium-containing fertilizers.
Do not store in temperatures below 25°C.

GHS PRECAUTIONARY STATEMENT

Do not eat, drink or smoke when using this product.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification EC1272/2008
Ammonium polyphosphate solution	<100%	Not classified

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **RAPPID** and is therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

MIXING INSTRUCTIONS:

- Half fill tank to the required volume of water.
- Add the required amount of **RAPPID**.
- Fill the remainder of the tank with water and maintain agitation.

COMPATIBILITY:

For the purpose of energy enhancement it is not recommended to mix any other agricultural remedies with **Rappid**.

APPLICATION TABLE:

CROP	APPLICATION TYPE	APPLICATION RATE	WATER VOLUME/ha	RECOMMENDATIONS
APPLES	Foliar	500 ml / 100 ℓ water and a maximum rate of 5 ℓ RAPPID /ha	Apply in a minimum of 750 ℓ	Apply within one week after full bloom, up to 4 applications with a 14 day interval period.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply preferably through the irrigation system during the vegetative phase.
BEANS & CUCURBITS	Foliar	750 ml / 100 ℓ water and a maximum rate of 7.5 ℓ RAPPID /ha	Apply in a minimum of 400 ℓ	Apply during fruit cell division phase. DO NOT apply during flowering.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply during the vegetative growth stage including the fruit cell division phase.
CANOLA	Foliar	750 ml / 100 ℓ water and a	Apply in a minimum of 100 ℓ	Begin spraying from the 3-leaf stage until flowering.

		maximum rate of 7.5 ℓ RAPPID /ha		
	Soil	10 to 15 ℓ / ha	Apply in 100 – 200 ℓ	Apply at the vegetative stage prior to flowering.
	Irrigation	10 to 30 ℓ / ha	3 mm to 5 mm irrigation	Apply at plant in P-retentive soils during the vegetative stage.
	In-furrow	5 ℓ / ha	Apply in 100 – 200 ℓ	Band place RAPPID (5 cm beneath and 5 cm away from planted seed).
CARROTS, POTATOES, TOMATOES, BRASSICA (COLE), PEPPERS, ONIONS	Foliar	500 ml / 100 ℓ	Apply in a minimum of 100 ℓ	Apply from plant until fruit cell division phase. DO NOT apply during flowering.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply during the vegetative growth stage including the fruit cell division phase.
	In-furrow	5 ℓ / ha	Apply in 100 – 200 ℓ	Band place RAPPID (5 cm away from the seedlings).
CITRUS, AVOCADOS, OLIVES	Foliar	500 ml / 100 ℓ water and a maximum rate of 10 ℓ RAPPID / ha	Apply in 1 000 – 3 000 ℓ	Apply during fruit cell division phase. DO NOT apply during flowering.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply during the vegetative growth phase including fruit cell division phase.
LEGUMES, GROUNDNUTS	Foliar	500 ml / 100 ℓ water	Apply in a minimum of 300 ℓ	Apply during the vegetative stage up to flowering.
	Soil	5 to 15 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply 3 to 4 weeks after emergence.
	In-furrow	5 ℓ / ha	Apply in 100 – 200 ℓ	Band place RAPPID (5 cm beneath and 5 cm away from planted seed).
MAIZE	Foliar	750 ml / 100 ℓ water	Apply in a minimum of 300 ℓ	Apply during the vegetative stage, not later than the 7-leaf stage.
	Soil	10 to 15 ℓ / ha	Apply in 100 – 200 ℓ	Apply during the vegetative stage.
	Irrigation	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water	3 mm to 5 mm irrigation	Apply at plant in P-retentive soils during the vegetative stage.
	In-furrow	5 ℓ / ha	Apply in 100 – 200 ℓ	Band place RAPPID (5 cm beneath and 5 cm away from planted seed).
PASTURES	Soil	10 to 15 ℓ / ha Apply at a maximum rate		Apply during Spring and Autumn flush.

		of 4 ℓ RAPPID / 1 000 ℓ water		
PEARS	Foliar	250 ml / 100 ℓ water and a maximum rate of 2.5 ℓ RAPPID /ha	Apply in a minimum of 750 ℓ	Apply within one week after full bloom, up to 4 applications with a 14 day interval period.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply preferably through the irrigation system during the vegetative stage.
ROOIBOS TEA	Foliar	500 to 1 000 ml / 100 ℓ water	Apply in 100 – 200 ℓ	Apply after cutting. Use the lower dosage for small bushes and the higher dosage for large bushes.
	Soil	5 to 15 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply during the vegetative stage.
STONE FRUIT	Foliar	500 ml / 100 ℓ water and a maximum of 5 ℓ RAPPID /ha	Apply in a minimum of 750 ℓ	Apply during the vegetative stage.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply preferably through the irrigation system during the vegetative stage.
STRAWBERRIES	Foliar	250 ml / 100 ℓ water	Apply in a minimum of 300 ℓ	Apply during fruit cell division phase. DO NOT apply during flowering.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply during the vegetative growth stage including fruit cell division phase.
SUGARCANE (PLANT AND RATOON)	Foliar	3 - 5 ℓ / ha	Apply in 100 - 200 ℓ	Apply the lower rate on ratoon cane when the sugarcane is 30 cm in length and the higher rate when at a height of 60 cm and when the foliar nitrogen content is low.
SUGARCANE (PLANT)	Soil	10 to 15 ℓ / ha	Apply in 100 – 200 ℓ	Apply at planting in furrow.
TREE NUTS (including almonds, cashews, chestnuts, hazelnuts, pecans,	Foliar	750 ml / 100 ℓ water and a maximum rate of 7.5 ℓ RAPPID / ha	Apply in 1 000 - 3 000 ℓ	Apply 4 weeks after full bloom. DO NOT apply during flowering.

pistachios, walnuts)	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		Apply through the irrigation system during the vegetative stage.
MACADAMIAS	Foliar	750 ml / 100 ℓ water and a maximum rate of 7.5 ℓ RAPPID / ha	Apply in 1 000 - 3 000 ℓ	Apply 4 weeks after full bloom. DO NOT apply during flowering. Do not exceed 4 applications.
VEGETABLE SEEDLINGS (NURSERIES)	Foliar	250 ml / 100 ℓ water	Apply in a minimum of 100 ℓ	Apply 2 applications two weeks after emergence, with a 10 to 14 day interval period.
WHEAT, BARLEY, OATS, TRITICALE	Foliar	500 ml / 100 ℓ water	Apply in a minimum of 100 ℓ	Apply at the 4 to 6-leaf stage.
	Soil	10 to 15 ℓ / ha	Apply in 100 – 200 ℓ	Apply during the vegetative stage before flowering.
	Irrigation	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water	3 mm to 5 mm irrigation	Apply at plant in P-retentive soils during the vegetative stage.
	In-furrow	5 ℓ / ha	Apply in 100 – 200 ℓ	Band place RAPPID (5 cm beneath and 5 cm away from planted seed).
WINE AND TABLE GRAPES	Foliar	500 ml / 100 ℓ water Apply at a maximum rate of 5 ℓ RAPPID /ha	Apply in a minimum of 750 ℓ	Apply from bud burst up to two weeks prior to flowering and two weeks after flowering during the cell division phase.
	Soil	10 to 30 ℓ / ha Apply at a maximum rate of 4 ℓ RAPPID / 1 000 ℓ water		

RAPPID®

Ammonium polifosfaat

Reg. Nr. K9404, Wet Nr. 36 van 1947
Botswana Reg. Nr. W1301144, Wet Nr. 18 van 1999
Namibiese Reg. Nr. N-F1064

MISSTOF GROEP 1

SAMESTELLING:

Stikstof (N) 97 g/kg (134.8 g/l)
Fosfaat (P) 150 g/kg (208.5 g/l)

SG 1.34 – 1.39 @ 20°C

Ortho : Polifosfaat ratio = 10:90

Inhoud:

1 Metric Ton; 1 000 ℓ ; 210 ℓ; 25 ℓ; 20 ℓ ; 5 ℓ; 1 ℓ; 500 ml

**NIE GEKLASSIFISEER
VOLGENS GHS NIE**

GHS VOORSORGVERKLARING

Moet nie eet, drink of rook wanneer
hierdie produk gebruik word nie.

Lotnommer :
Datum van Vervaardiging:
VN Nr. nie gereguleer nie



Registrasiehouer:

Nulandis® ('n Afdeling van AECI® Beperk)

Reg. Nr. 1924/002590/06

Posbus 14418 Witfield, 1467

Fieldweg 14 (h/v Birdstraat), Lilianton, 1459

Tel: (011) 823-8000

www.aeciworld.com; www.aeciph.com

Rappid® is 'n geregistreerde handelsmerk van AECI® Beperk

WAARSKUWINGS:

Moenie **Rappid** met enige kalsium-bevattende misstowwe gebruik nie.
Moenie in temperature laer as 25°C stoor nie.

GHS VOORSORGVERKLARING

Moet nie eet, drink of rook wanneer
hierdie produk gebruik word nie.

RELEVANTE STOWWE:

Naam van stowwe (IUPAC/EC)	Konsentrasie % per gewig	Klassifikasie EC1272/2008
Ammonium polifosfaat oplossing	<100%	Nie geklassifiseer nie.

NOTA: Die ander bestanddele wat nie hierbo gelys is nie, veroorsaak of dra nie by tot die korrekte GHS klassifikasie van **RAPPID** nie en is daarom, in terme van die Suid-Afrikaanse Regulasies vir "Hazardous Chemical Agents" 2021; Regulasie 14(b) nie gelys nie.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

VERMENGINGSINSTRUKSIES:

- Vul die tenk halfvol met die aanbevole hoeveelheid water.
- Voeg die benodigde hoeveelheid **RAPPID** by.
- Vul die res van die spuittenk met water en hou aan met roer.

VERENIGBAARHEID:

Vir energie bevordering doeleindes is dit nie raadsaam om **RAPPID** met enige ander landboumiddels te meng nie.

TOEDIENINGSTABEL

GEWAS	TOEDIENINGS - TIPE	TOEDIENINGS- HOEEVEELHEID	WATER VOLUME/ha	AANBEVELINGS
APPELS	Blaar	500 ml / 100 ℓ water en 'n maksimum toedieningshoe- veelheid van 5 ℓ RAPPID /ha	Dien toe in 'n minimum van 750 ℓ	Dien 4 toedienings binne een week na vol blom toe, met 'n 14-dae tussenpose.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoe- veelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien verkieslik deur die besproeiingssisteem toe gedurende die vegetatiewe groeistadium.
AARBEIE	Blaar	250 ml / 100 ℓ water	Dien toe in 'n minimum van 300 ℓ	Dien gedurende vrugverdeling fase toe. MOENIE tydens blom toedien nie.

	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien toe tydens die vegetatiewe groeistadium, insluitende die vrugverdeling fase.
BONE & PAMPOENGWASSE	Blaar	750 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 7.5 ℓ RAPPID /ha	Dien toe in 'n minimum van 400 ℓ	Dien gedurende vrugverdeling fase toe. MOENIE tydens blom toedien nie.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien toe tydens die vegetatiewe groeistadium, insluitende die vrugverdeling fase.
BOOM NEUTE (ingesluit amandels, kasjoeneute, hazelneute, kastanjeneute, pekanneute, pistasjeneute, okkerneute,)	Blaar	750 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 7.5 ℓ RAPPID /ha	Dien toe in 1 000 - 3 000 ℓ	Dien 4 weke na volblom toe. MOENIE tydens blom toedien nie.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien verkieslik deur die besproeiingssisteem toe gedurende die vegetatiewe groeistadium.
MAKADAMIAS	Blaar	750 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 7.5 ℓ RAPPID /ha	Dien toe in 1 000 - 3 000 ℓ	Dien toe 4 weke na volblom. MOENIE tydens blom toedien nie. MOENIE meer as 4 bespuitings oorskry nie.
GROENTE SAAILINGE (KWEKERIE)	Blaar	250 ml / 100 ℓ water	Dien toe in 'n minimum van 100 ℓ	Dien 2 bespuitings twee weke na opkom toe, met 'n 10 tot 14-dae tussenpose.
KANOLA	Blaar	750 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 7.5 ℓ RAPPID /ha	Dien toe in 'n minimum van 100 ℓ	Begin bespuit vanaf die 3-blaarstadium tot blom.
	Grond	10 tot 15 ℓ / ha	Dien toe in 100 – 200 ℓ	Dien toe tydens die vegetatiewe groeistadium tot vóór blom.
	Besproeiing	10 tot 30 ℓ / ha	3 mm tot 5 mm besproeiing	Dien toe met plant in (P)-vashoudende gronde gedurende die vegetatiewe groeistadium.
	Tussen-ry	5 ℓ / ha	Dien toe in 100 – 200 ℓ	Bandplaas RAPPID (5 cm onder en 5 cm weg vanaf geplante saad).
KORING, GARS, HAWER, TRITIKALE	Blaar	500 ml / 100 ℓ water	Dien toe in 'n minimum van 100 ℓ	Dien toe tydens 4- tot 6-blaarstadium.

	Grond	10 tot 15 ℓ / ha	Dien toe in 100 – 200 ℓ	Dien toe tydens vegetatiewe groeistadium tot vóór blom.
	Besproeiing	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe	3 mm tot 5 mm besproeiing	Dien toe met plant in (P)-vashoudende gronde gedurende die vegetatiewe groeistadium.
	Tussen-ry	5 ℓ / ha	Dien toe in 100 – 200 ℓ	Bandplaas RAPPID (5 cm onder en 5 cm weg vanaf geplante saad).
MIELIES	Blaar	750 ml / 100 ℓ water	Dien toe in 'n minimum van 300 ℓ	Dien toe tydens die vegetatiewe groeistadium, maar nie later as die 7-blaarstadium nie.
	Grond	10 tot 15 ℓ / ha	Dien toe in 100 – 200 ℓ	Dien toe tydens die vegetatiewe groeistadium.
	Besproeiing	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe	3 mm tot 5 mm besproeiing	Dien toe met plant in (P)-vashoudende gronde gedurende die vegetatiewe groeistadium.
	Tussen-ry	5 ℓ / ha	Dien toe in 100 – 200 ℓ	Bandplaas RAPPID (5 cm onder en 5 cm weg vanaf geplante saad).
PERE	Blaar	250 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 2.5 ℓ RAPPID / ha	Dien toe in 'n minimum van 750 ℓ	Dien 4 bespuitings binne een week vanaf volblom toe, met 'n 14-dae tussenpose.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien verkieslik deur die besproeiingssisteem toe gedurende die vegetatiewe groeistadium.
PEULGEWASSE, GRONDBOONTJIES	Blaar	500 ml / 100 ℓ water	Dien toe in 'n minimum van 300 ℓ	Dien toe tydens die vegetatiewe groeistadium tot blom.
	Grond	5 tot 15 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien 3 tot 4 weke na opkom toe.
	Tussen-ry	5 ℓ / ha	Dien toe in 100 – 200 ℓ	Bandplaas RAPPID (5 cm onder en 5 cm weg vanaf geplante saad).

ROOIBOS TEE	Blaar	500 tot 1 000 ml / 100 ℓ water	Dien toe in 100 – 200 ℓ	Dien toe na sny. Gebruik die laer toedieningshoeveelheid vir klein bosse en die hoër toedieningshoeveelheid vir groter bosse.
	Grond	5 tot 15 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien toe tydens die vegetatiewe groeistadium.
SITRUS, AVOKADO'S, OLYWE	Blaar	500 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 10 ℓ RAPPID / ha	Dien toe in 1 000 – 3 000 ℓ	Dien gedurende die vrugverdeling fase toe. MOENIE tydens blom toedien nie.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien toe gedurende die vegetatiewe groeistadium, insluitende die vrugverdeling fase.
STEENVRUGTE	Blaar	500 ml / 100 ℓ water en 'n maksimum toedieningshoeveelheid van 5 ℓ RAPPID / ha	Dien toe in 'n minimum van 750 ℓ	Dien toe tydens die vegetatiewe groeistadium.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien verkieslik deur die besproeiingssisteem toe gedurende die vegetatiewe groeistadium.
SUIKERRIET (PLANT-EN OORSTAAN)	Blaar	3 - 5 ℓ / ha	Dien toe in 100 - 200 ℓ	Dien die laer toedieningshoeveelheid toe op oorstaanriet sodra die suikerriet 30 cm in lengte is en die hoër toedieningshoeveelheid sodra die suikerriet 'n lengte van 60 cm bereik het en die blare se stikstof inhoud laag is.
SUIKERRIET (PLANT)	Grond	10 tot 15 ℓ / ha	Dien toe in 100 – 200 ℓ	Dien toe tussen-ry met plant.
WEIDING	Grond	10 tot 15 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien tydens Lente en Herfs groeitydperk toe.

WORTELS, AARTAPPELS, TAMATIES, KOOLGEWASSE, SOETRISSIES, UIE	Blaar	500 ml / 100 ℓ	Dien toe in 'n minimum van 100 ℓ	Dien gedurende die vrugverdeling fase toe. MOENIE tydens blom toedien nie.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		Dien gedurende die vegetatiewe groeistadium toe, insluitende die vrugverdeling fase.
	Tussen-ry	5 ℓ / ha	Dien toe in 100 – 200 ℓ	Bandplaas RAPPID (5 cm onder en 5 cm weg vanaf geplante saad).
WYN- TAFELDRUIWE	Blaar	500 ml / 100 ℓ water Dien 'n maksimum toedieningshoeveelheid van 5 ℓ RAPPID /ha toe	Apply in a minimum of 750 ℓ	Dien toe vanaf bolbars tot twee weke vóór blom en twee weke na blom gedurende die selverdeling fase.
	Grond	10 tot 30 ℓ / ha Dien 'n maksimum toedieningshoeveelheid van 4 ℓ RAPPID / 1 000 ℓ water toe		