

POLYFEED[®] 6:1:3 (44)

Botswana: Reg. No. W1301522, Act No. 18 of 1999
Namibian Reg. No. N-F 1421

WATER SOLUBLE FERTILIZER (44) FOR FOLIAR FEEDING AND FERTIGATION

FERTILIZER GROUP 1

POLYFEED - Water Soluble Fertilizer (44) is a highly concentrated, completely water soluble fertilizer/foliar feed which is readily taken up by the plant and ideally suited for:

Foliar Feeding To supplement the efficacy of soil applied fertilizers.
Fertigation For application through drip or sprinkler irrigation systems.

POLYFEED - Water Soluble Fertilizer (44) is recommended for use on established plants with higher nitrogen requirements.

COMPOSITION:

Nitrogen	(N)	257 g/kg
Phosphorus	(P)	44 g/kg
Potassium	(K)	134 g/kg
Sulphur	(S)	5.1 g/kg
Magnesium	(Mg)	3.7 g/kg
Zinc*	(Zn)	662 mg/kg
Boron	(B)	943 mg/kg
Molybdenum	(Mo)	63 mg/kg
Iron*	(Fe)	725 mg/kg
Manganese*	(Mn)	201 mg/kg
Copper*	(Cu)	65 mg/kg

* EDTA Chelated

CONTENTS:

BATCH NO:

UN No. Not regulated



REGISTRATION HOLDER:

AECI[®] Limited

Reg. No. 1924/002590/06

P.O. Box 14418

Witfield, 1467

Tel : (011) 823 8000

14 Field Road (Cnr Bird Street), Lilianton, 1459

Tel: (011) 823-8000

www.nulandis.com / www.aeciworld.com

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RECOMMENDATIONS:

FERTIGATION: POLYFEED - Water Soluble Fertilizer (44) is ideally suited for application via drip irrigation. For sprinkler irrigation systems use the higher rate of **POLYFEED** - Water Soluble Fertilizer (44) e.g. young seedlings - 250 ppm, medium sized plants - 500 to 1 000 ppm, mature plants – 1 000 to 2 000 ppm. **POLYFEED** - Water Soluble Fertilizer (44) can be applied alone, but the best results are obtained when used in a programme with other specialised, water soluble nutrients such as **Calnit** (Reg. No. K2415, Act No. 36 of 1947), **Calland®** (Reg. No. K10848, Act No. 36 of 1947), **Magnesium Nitrate Crystalline** (Reg. No. B2586, Act No. 36 of 1947), **Copper Chelate** (Reg. No. B2590, Act No. 36 of 1947), **Iron Chelate 13%** (Reg. No. B2099, Act No. 36 of 1947), **Manganese Chelate** (Reg. No. B2589, Act No. 36 of 1947), **PotSul®** (Reg. No. K10876, Act No. 36 of 1947) and **Zinc Chelate** (Reg. No. B2591, Act No. 36 of 1947) and, to produce a final nutrient combination most suitable for the crop.

FOLIAR FEEDING: Foliar feed sprays are not replacements for soil fertilizers but serve to enhance the uptake of nutrients via the roots. Foliar sprays may be made at 7, 10 or 14 day intervals, depending on the prevailing climatic conditions, growth stage of the crop and the nature of the agricultural remedy spray programme adopted.

POLYFEED - Water Soluble Fertilizer (44) has a mildly acidifying effect on spray water/solution. Do not use adjuvants when used in combinations, prior to conducting compatibility tests. Its compatibility with other products may be influenced by several factors. As certain factors may vary from farm to farm, a physical compatibility test must always be performed before such a tank mixture is sprayed. For more information on compatibility or in the event of uncertainty, contact your local AECI Plant Health Crop Adviser. It is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications.

Do not mix with Lime sulphur or Bordeaux mixture.

Where **POLYFEED** - Water Soluble Fertilizer (44) is applied alone as a foliar feed, it is essential to use a wetter, spreader and penetrant, such as **Bladbuff® 7** (Reg. No. L8121, Act No. 36 of 1947) to ensure maximum uptake, especially in the case of waxy leaves. Mix **Bladbuff 7** with spray water first.

APPLICATION TABLE:

CROP	FOLIAR FEEDING (per ha)	FERTIGATION
VEGETABLE CROPS: Tomatoes, Melons, Cucumbers, Pumpkins, Squashes, Green Beans, Cole crops FIELD CROPS: Dry Beans, Peas, Potatoes, Cotton, Maize, Lucerne, etc.	4 to 6 kg/ha* <u>Ground application:</u> 100 - 500 ℓ water/ha <u>Aerial application:</u> 25 - 40 ℓ water/ha Apply at 7 to 14 day intervals * Use the lower rate on young plants and reduce the rate to half when foliar spraying on the row only	Apply 250 to 2 000 g/1 000 ℓ water (250 – 2 000 ppm) depending on the growth stage.
DECIDUOUS FRUIT	500 g/100 ℓ water A) Newly established and young orchards: Apply a minimum of 250 ℓ solution/ha as a high volume spray at 10 to 14 day intervals Preferably use Multifeed P (Reg. No. K5994, Act No. 36 of 1947) Water Soluble Fertilizer B) Mature orchards: Apply a minimum of 2 500 ℓ solution/ha as a high volume spray Repeat application if necessary	Apply 5 kg/ha weekly over a period of 4 months. Apply 12,5 kg/ha weekly, during Spring and early Summer.

CITRUS	2 kg/100 ℓ water A) Newly established and young orchards: Apply a minimum of 250 ℓ solution/ha as a high volume spray at 10 - 14 day intervals Preferably use Multifeed P (Reg. No. K5994, Act No. 36 of 1947) Water Soluble Fertilizer B) Mature orchards: Apply a minimum of 4 000 ℓ solution/ha as a high volume spray. Repeat application if necessary	Apply 5 kg/ha weekly over a period of 4 months. Apply 12,5 kg/ha weekly, during Spring and early Summer.
NURSERIES: Seedbeds, Seedling-trays and Flowers	250 g/100 ℓ water	DRENCH: Apply 2 000 g/1 000 ℓ water. IRRIGATION: Apply 250 to 2 000 g/1 000 ℓ water (250 – 2 000 ppm) depending on the growth stage.
ORNAMENTALS & HOME GARDENS: Roses, Shrubs, Seedlings, Lawns, etc.	250 g/100 ℓ water	DRENCH OR IRRIGATION: Apply 250 g/100 ℓ water. <u>Use on Seedlings:</u> The application is also dependent on the water analysis and its relevant nutrient levels and therefore it is important that Ca, Mg, K and S should be corrected as part of the fertilizer programme.

IMPORTANT: Before applying POLYFEED consult a qualified Agronomist or your local AECI Plant Health Crop Adviser on the necessity of using it.

BLADBUFF® 7, CALLAND®, MULTIFEED® and POTSUL® are the registered trademarks of AECI® Limited

CALNIT, COPPER CHELATE, IRON CHELATE 13%, MAGNESIUM NITRATE CRYSTALLINE, MANGANESE CHELATE and ZINC CHELATE are the registered tradenames of AECI® Limited

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WATEROPLOSBARE MISSTOF (44) VIR BLAARVOEDING EN WATERBEMESTING

MISSTOF GROEP 1

POLYFEED - Wateroplosbare Misstof (44) is 'n hoogsgekonsentreerde, volkome wateroplosbare bemesting / blaarvoeding wat gereedlik deur die plant opgeneem word. Dit is besonder geskik vir:

Blaarvoeding: Om die doeltreffendheid van grondbemesting aan te vul.
Waterbemesting: Vir toediening deur middel van drup- óf sprinkelbesproeiing.

POLYFEED - Wateroplosbare Misstof (44) word verkieslik op gevestigde plante met 'n hoë stikstofbehoefte aanbeveel.

SAMESTELLING:

Stikstof	(N)	257 g/kg
Fosfor	(P)	44 g/kg
Kalium	(K)	134 g/kg
Swael	(S)	5.1 g/kg
Magnesium	(Mg)	3.7 g/kg
Sink*	(Zn)	662 mg/kg
Boor	(B)	943 mg/kg
Molibdeen	(Mo)	63 mg/kg
Yster*	(Fe)	725 mg/kg
Mangaan*	(Mn)	201 mg/kg
Koper*	(Cu)	65 mg/kg

*Gecheleerde EDTA

INHOUD:

LOTNOMMER:

VN Nr.: Nie gereguleer nie



REGISTRASIEHOUER:

AECI[®] Beperk

Reg. Nr. 1924/002590/06

Posbus 14418

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AANBEVELINGS:

WATERBEMESTING:

POLYFEED - Wateroplosbare Misstof (44) is uiters geskik vir toediening deur drupbesproeiingsisteme. Gebruik die hoër dosis van **POLYFEED** - Wateroplosbare Misstof (44) vir sprinkelbesproeiing bv. jong saailinge - 250 dpm, medium grootte plante - 500 tot 1 000 dpm, volwasse plante – 1 000 tot 2 000 dpm.

POLYFEED - Wateroplosbare Misstof (44) kan oor die algemeen met welslae alleen toegedien word, maar die beste resultate sal verkry word wanneer dit in 'n program saam met ander gespesialiseerde wateroplosbare voedingstowwe soos bv. **Calnit** (Reg. Nr. K2415, Wet Nr. 36 van 1947), **Calland®** (Reg. Nr. K10848, Wet Nr. 36 van 1947), **Copper Chelate** (Reg. Nr. B2590, Wet Nr. 36 van 1947), **Iron Chelate 13%** (Reg. Nr. B2099, Wet Nr. 36 van 1947), **Magnesium Nitrate Crystalline** (Reg. Nr. B2586, Wet Nr. 36 van 1947), **Manganese Chelate** (Reg. Nr. B2589, Wet Nr. 36 van 1947), **PotSul®** (Reg. Nr. K10876, Wet Nr. 36 van 1947) en **Zinc Chelate** (Reg. Nr. B2591, Wet Nr. 36 van 1947) gebruik word, om die mees voordelige voedingskombinasie vir spesifieke gewasse saam te stel.

BLAARVOEDING: Blaarvoeding bespuitings vervang nie grondbemesting nie, maar is aanvullend en dra daartoe by om voedingsopname deur die wortels te verhoog. Afhangende van heersende klimaatstoestande, groeistadium van die gewas en die aard van spuitprogramme vir plaagbeheer, kan blaarbespuitings met 7, 10 óf 14 dae tussenposes toegedien word.

POLYFEED - Wateroplosbare Misstof (44) het 'n versurende uitwerking op die spuitwater/oplossing. Moenie bevorderingsmiddels gebruik wanneer in kombinasies gebruik word, voordat 'n verenigbaarheidstoets gedoen is nie. Die verenigbaarheid met ander produkte kan deur verskeie faktore beïnvloed word. Omdat hierdie faktore van tyd tot tyd kan varieër moet 'n fisiese mengbaarheidstoets eers uitgevoer word, voordat enige tenkmengsel gespuit word. Vir verdere inligting rakende verenigbaarheid of in die geval van onsekerheid, kontak u plaaslike AECI Plant Health Gewasadviseur. Dit word egter aanbeveel dat 'n toets op 'n klein area gedoen en gemonitor word vir 3 dae, voordat enige kommersiële toedienings gedoen word.

Moenie met kalkswael of Bordeaux mengsel meng nie.

Waar **POLYFEED** - Wateroplosbare Misstof (44) alleen as 'n blaarvoeding toegedien word behoort dit saam met 'n benattings-, verspreidings- en penetreermiddel soos **Bladbuff®7** (Reg. Nr. L8121, Wet Nr. 36 van 1947) gespuit te word om maksimum opname, veral in die geval van wasagtige blare, te verseker. Meng **Bladbuff 7** eerste met die spuitwater.

TOEDIENINGSTABEL:

GEWAS	BLAARVOEDING (per ha)	WATERBEMESTING
GROENTEGEWASSE: Tamaties, Spanspek, Komkommers, Pampoene, Skorsies, Groenbone en Koolgewasse AKKERBOUGEWASSE: Droë bone, Ertjies, Aartappels, Katoen, Mielies, Lusern, ens.	4 tot 6 kg/ha * <u>Grondtoediening:</u> 100 - 500 ℓ water/ha <u>Lugtoediening:</u> 25 – 40 ℓ water/ha Dien toe met 7 tot 14 dae tussenposes * Gebruik die laer dosis op jong plante en verminder die dosis tot die helfte sodra blaarvoeding op die ry toegedien word	Dien toe in 250 tot 2 000 g/1 000 ℓ water (250 – 2 000 dpm) (afhangende van die groeistadium).

SAGTEVRUGTE	500 g/100 ℓ water A) Pas gevestigde- en jong boorde: Dien 'n minimum van 250 ℓ oplossing/ha toe as 'n hoë volume bespuiting met 10 tot 14 dae tussenposes Gebruik Multifeed P (Reg. Nr. K5994, Wet Nr. 36 van 1947) Wateroplosbare misstof by voorkeur B) Volgroeide Boorde: Dien toe in 'n minimum van 2 500 ℓ oplossing/ha as 'n hoë volume bespuiting. Herhaal indien nodig	Dien 5 kg/ha weekliks toe oor 'n periode van 4 maande. Dien 12,5 kg/ha weekliks toe gedurende die Lente en vroeë Somer.
SITRUS	2 kg/100 ℓ water A) Pas gevestigde- en jong boorde: Dien in 'n minimum van 250 ℓ oplossing/ha toe as 'n hoë volume bespuiting met 10 tot 14 dae tussenposes Gebruik Multifeed P (Reg. Nr. K5994, Wet Nr. 36 van 1947) Wateroplosbare misstof by voorkeur B) Volgroeide Boorde Dien toe in 'n minimum van 4 000 ℓ oplossing/ha as 'n hoë volume bespuiting. Herhaal indien nodig	Dien 5 kg/ha weekliks toe oor 'n periode van 4 maande. Dien 12,5 kg/ha weekliks toe gedurende die Lente en vroeë Somer.
KWEKERYE: Saaibeddings, Saailaie en Blomme	250 g/100 ℓ water	DEURDRENKING: Dien 2 000 g/ 1 000 ℓ water toe. BESPROEING: Dien toe in 250 tot 2 000 g/1 000 ℓ water (250 – 2 000 dpm) afhangende van die groeistadium.
SIERPLANTE & HUISTUINE: Rose, Struik, Saailinge, Grasperke ens.	250 g/100 ℓ water	DEURDRENKING OF BESPROEING: Dien 250 g/100 ℓ water toe. <u>Gebruik op Saailinge:</u> Die toediening is afhanklik van die wateranalise en hulle onderskeie nutriënt waardes en daarom is dit belangrik om Ca, Mg, K en S te korreger as deel van die misstof program.

**BELANGRIK: RAADPLEEG 'N GEKWALIFISEERDE LANDBOUKUNDIGE OF U PLAASLIKE AECI
PLANT HEALTH GEWASADVISEUR VOORDAT POLYFEED TOEGEDIEN WORD, OOR
DIE NOODSAAKLIKHEID VAN DIE GEBRUIK DAARVAN.**

BLADBUFF® 7, CALLAND®, MULTIFEED® en POTSUL® is die geregistreerde handelsmerke van AECI®
Beperk

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MANGANESE CHELATE en ZINC CHELATE** is die geregistreerde handelsname van AECI® Beperk