

SUPAFEED® 3:1:6 (46)

Reg. No. K5995, Act No. 36 of 1947
Botswana: Reg. No. W130300, Act No. 18 of 1999
Namibian Reg. No. N-F 1419

WATER SOLUBLE FERTILIZER (46) FOR FOLIAR FEEDING AND FERTIGATION

FERTILIZER GROUP 1

SUPAFEED - Water Soluble Fertilizer (46) 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.

SUPAFEED - Water Soluble Fertilizer (46) is recommended for use on established plants with higher potassium requirements, such as certain vegetable and field crops, and for nursery crops to achieve hardening and maintenance of vegetative growth.

COMPOSITION:

Nitrogen (N)	157 g/kg
Phosphorus(P)	46 g/kg
Potassium (K)	262 g/kg
Sulphur (S)	5.4 g/kg
Magnesium (Mg)	3.0 g/kg
Zinc* (Zn)	623 mg/kg
Boron (B)	1004 mg/kg
Molybdenum (Mo)	77 mg/kg
Iron* (Fe)	767 mg/kg
Manganese* (Mn)	205 mg/kg
Copper* (Cu)	65 mg/kg
* EDTA Chelated	



DANGER

GHS HAZARD STATEMENT

Causes skin irritation.
Cause eye irritation.
May damage fertility.
May damage the unborn child.

GHS PRECAUTIONARY STATEMENT

Wash hands and face thoroughly after handling.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.



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.aeciph.com / www.aeciworld.com

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CONTENTS:

BATCH NO:

UN NO. **Not regulated**

WARNINGS:

GHS HAZARD STATEMENT

Causes skin irritation.
Cause eye irritation.
May damage fertility.
May damage the unborn child.

PRECAUTIONS:

GHS PRECAUTIONARY STATEMENT

Prevention

Obtain, read, and follow all safety instructions before use.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
Wash hands and face thoroughly after handling.
Do not touch eyes.

Response

If exposed or concerned, get medical advice.
IF ON SKIN: Wash with plenty of water under the safety shower. If skin irritation occurs: Get medical help.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present, and easy to do so. Continue rinsing. If eye irritation persists: Get medical help.
Take off contaminated clothing and wash it before re-use.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local and national regulations.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification
Ammonium dihydrogen orthophosphate (MAP)	10 – 30%	Skin Corrosion/Irritation (Category 2) H315. Serious Eye Damage/Irritation (Category 2) H320.
Disodium Octaborate Tetrahydrate	<1%	Reproductive Toxicity (Category 1B) H360FD.

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

RECOMMENDATIONS:

FERTIGATION: **SUPAFEED** - Water Soluble Fertilizer (46) is ideally suited for application via drip irrigation. For sprinkler irrigation systems use the higher rate of **SUPAFEED** - Water Soluble Fertilizer (46)
e.g. young seedlings - 250 ppm, medium sized plants – 500 to 1 000 ppm, mature plants – 1 000 to 2 000 ppm.

SUPAFEED - Water Soluble Fertilizer (46) can be applied alone, but the best results are obtained when used in a programme with other specialised, water soluble nutrients such as **Magnesium Nitrate Crystalline** (Reg. No. B2586, Act No. 36 of 1947), **Calnit** (Reg. No. K2415, Act No. 36 of 1947), **Calland®** (Reg. No. K10848, 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) 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.

SUPAFEED - Water Soluble Fertilizer (46) 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 Agri 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 **SUPAFEED** - Water Soluble Fertilizer (46) 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:

PURPOSE OF USE	CROP	FOLIAR FEEDING	FERTIGATION
Crops with high potassium requirements especially during fruiting period	VEGETABLE CROPS: Tomatoes, Cruciferae, Onions, Green beans, etc.	4 - 6 kg/ha* Ground application: 100 – 500 ℓ water/ha Aerial application: 25 - 40 ℓ water/ha Apply every 7 to 14 days *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). The rate depends on the growth stage.
	FIELD CROPS: Potatoes, Cotton, Dry beans, Peas, Sweetcorn, Lucerne		
	TUNNEL CROPS: Cucumbers, Tomatoes	FERTIGATION: Change from Multifeed® P (Reg. No. K5994, Act No. 36 of 1947) to Supafeed at first flowering Apply daily with first watering period. It is essential to apply additional calcium and magnesium	
Maintaining and hardening of vegetable growth	NURSERY CROPS: Ornamentals	During latter part of season prior to winter exposure	Drench: Apply 2 000 g/1 000 ℓ water (2 000 ppm).
	Cut flowers	Change from Multifeed P to Supafeed from budding stage onwards	Irrigation: Apply 250 - 2 000 g/ 1 000 ℓ water (250 - 2 000 ppm).

	Seedlings	Change from Multifeed P to Supafeed prior to transplanting	The rate depends on the growth stage. <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.
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IMPORTANT: Before applying SUPAFEED consult a qualified Agronomist or your local AECI Agri Health Crop Adviser on the necessity of using it.

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

Cal-Nit, Chelate 13%, Magnesium Nitrate Crystalline, Manganese Chelate and Zinc Chelate are the registered tradenames of AECI® Limited

