

MULTIFEED® P

5:2:4 (43)

Reg. No. K5994, Act No.36 of 1947
Botswana Reg. No. W1301519, Act 18 of 1999
Namibian Reg. No. N-F 1422

WATER SOLUBLE FERTILIZER FOR FOLIAR FEEDING AND FERTIGATION

FERTILIZER GROUP 1

MULTIFEED P - Water Soluble Fertilizer (43) is a highly concentrated, completely water soluble fertilizer /foliar feed which is readily taken up by the plant and ideally suited for:

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

MULTIFEED P - Water Soluble Fertilizer (43) is especially recommended for plants with a high phosphorus requirement such as seedlings, young plants and transplants where root growth is of primary importance.

COMPOSITION:

Nitrogen	(N)	204 g/kg
Phosphorus	(P)	82 g/kg
Potassium	(K)	156 g/kg
Sulphur	(S)	8.1 g/kg
Magnesium	(Mg)	4.0 g/kg
Zinc*	(Zn)	640 mg/kg
Boron	(B)	958 mg/kg
Molybdenum	(Mo)	64 mg/kg
Iron*	(Fe)	710 mg/kg
Manganese*	(Mn)	198 mg/kg
Copper *	(Cu)	65 mg/kg

* EDTA Chelated micro elements



DANGER

GHS HAZARD STATEMENTS

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

GHS PRECAUTIONARY STATEMENTS

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



REGISTRATION HOLDER:

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WARNINGS:**GHS HAZARD STATEMENTS**

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

PRECAUTIONS:**GHS PRECAUTIONARY STATEMENTS****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)	30 - 60%	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 **MULTIFEED P** and is therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

RECOMMENDATIONS:

FERTIGATION: MULTIFEED P - Water Soluble Fertilizer (43) is ideally suited for application via drip irrigation. For sprinkler irrigation systems use higher rates of **MULTIFEED P** - Water Soluble Fertilizer (43). e.g. Young Seedlings – 250 ppm, medium sized plants - 500 to 1 000 ppm, mature plants – 1 000 to 2 000 ppm.

MULTIFEED P - Water Soluble Fertilizer (43) can be applied alone, but the best results are obtained when used in a programme with other specialised, water soluble fertilizers such as **PotSul**, (Reg. No. K10876, Act No. 36 of 1947), **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), **Iron Chelate 13%** (Reg. No. B2099, Act No. 36 of 1947), **Manganese Chelate** (Reg. No. B2589, 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.

MULTIFEED P - Water Soluble Fertilizer (43) 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 use **MULTIFEED P** with Lime sulphur or Bordeaux mixture.

Where **MULTIFEED P** - Water Soluble Fertilizer (43) 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, Cucurbits, Squashes, Green Beans, Cruciferae FIELD CROPS: Dry Beans, Peas, Potatoes, Cotton, Maize, Lucerne, etc.	4 - 6 kg/ha* <u>Ground Application:</u> 100 - 500 ℓ water/ha <u>Aerial Application:</u> 25 - 40 ℓ water/ha Apply at intervals of 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 - 2000 g per 1000 ℓ water (250 - 2000 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 - 14 day intervals B) Mature Orchards:* Apply a minimum of 2 500 ℓ solution/ha as a high volume spray. Repeat application if necessary *Preferably use Polyfeed (Reg. No. K5993, Act No. 36 of 1947) Water Soluble Fertilizer (44)	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 to 14 day intervals B) Mature Orchards:* Apply a minimum of 4 000 ℓ solution/ha as a high volume spray. Repeat application if necessary * Preferably use Polyfeed (Reg. No. K5993, Act No. 36 of 1947) Water Soluble Fertilizer (44)	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/1000 ℓ water IRRIGATION: Apply 250 to 2 000 g/1000 ℓ water (250 - 2000 ppm) depending on 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 MULTIFEED P consult a qualified Agronomist or your local AECI Plant Health Crop Adviser on the necessity of using it.

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

