

K-MAX[®]

Reg. No. B2753, Act No. 36 of 1947
Namibian Reg. No. N-F 1424

LIQUID ORGANIC POTASSIUM COMPLEX

FERTILIZER GROUP 2

A liquid organic potassium complex to supplement potassium levels in crops with high potassium requirements.

COMPOSITION:

Potassium (K)91 g/kg (115 g/l)



WARNING

GHS HAZARD STATEMENTS

Causes skin irritation.

Causes serious eye irritation.

GHS PRECAUTIONARY STATEMENTS

Prevention

Wear protective gloves, protective clothing, eye protection and face protection.

Wash hands and face thoroughly after handling.

Do not touch eyes.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical help.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical help.

Take off contaminated clothing and wash it before re-use



REGISTRATION HOLDER:

Nulandis[®] (A division of AECI[®] Limited)

Reg. No. 1924/002590/06

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K-MAX[®] is the registered trademark of AECI[®] Limited

Contents:

Batch no:

UN Number: **Not regulated**

RELEVANT SUBSTANCES:

Substance name (IUPAC)	Concentration % By weight	Classification
Saccharic Acid (SA)/Glucaric Acid	10-30%	Flammable Solid (Category 1). Serious Eye Damage/Irritation (Category 1). Skin Corrosion/Irritation (Category 1).

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **K-MAX** and are 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

K-MAX is compatible with most commonly used foliar feeds. However, 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 **K-MAX** with highly alkaline materials such as Lime sulphur or Bordeaux mixture. Where overhead systems are in use, avoid scheduling irrigation directly after application. In orchards equipped with micro irrigation systems spray deposits should not be affected by irrigation. Use the lower concentration for maintenance, and the higher concentration for sufficient uptake. Apply **K-MAX** as a foliar spray where a neutral rapid acting potassium source is needed to supplement potassium requirements.

APPLICATION TABLE:

CROP	DOSAGE/ha OR AS INDICATED	APPLICATION METHOD
FRUIT CROPS		
APPLES, PEARS	1 - 2 l/100 l water to a maximum of 10 l/ha	Apply 2-3 applications as a supplementary potassium treatment after fruit set, during fruit expansion and repeat with 14 day intervals. Apply in a minimum of 1 000 - 2 000 l water/ha.
PEACHES, PLUMS, NECTARINES, APRICOTS	2 l/100 l water to a maximum of 10 l/ha	Apply 2-3 applications after fruit set, during fruit expansion and repeat with 7-14 day intervals. Apply in a minimum of 1 000-2 000 l water/ha.
CITRUS	1-2 l/100 l water to a maximum of 10 l/ha	Apply as a high volume spray in a minimum of 1 000 - 3 000 l water/ha. Repeat 1 - 2 times if necessary.
GRAPES	2 - 4 l/100 l water to a maximum of 10 l/ha	Apply when fruit is pea size stage and repeat 21 days later. Apply in a minimum of 1 000 l water/ha.
FIELD CROPS		
AVOCADOS, MANGOES, LITCHI, MACADAMIAS	4 l/100 l water to a maximum of 20 l/ha	Apply 1-2 applications. Apply first application on flowers and repeat on the summer flush. Apply in a minimum of 1 000-2 000 l water/ha.
CEREALS, PEAS, CANOLA, MAIZE	1 - 2 l/100 l water to a maximum of 10 l/ha	Apply 4 applications post flowering as a supplementary potassium treatment with 7-14 day intervals. Apply in a minimum of 500 l water/ha.

LAWNS	0,5 - 1 ℓ/100 ℓ water to a maximum of 15 ℓ/ha	Apply 2-3 applications bi-weekly.
ORNAMENTALS	2 ℓ / 100 ℓ water to a maximum of 10 ℓ/ha	Apply 2-3 applications per growing season. Ensure thorough wetting of plants.
POTATOES	1 - 2 ℓ/100 ℓ water to a maximum of 10 ℓ/ha	Apply at tuber swelling and repeat with 7-14 day intervals. Apply in a minimum of 500 ℓ water/ha.
TOBACCO	4 ℓ/100 ℓ water to a maximum of 30 ℓ/ha	Apply 2-3 applications after topping in a minimum of 400 ℓ water/ha.
VEGETABLES: TOMATOES, EGGPLANTS, PEPPERS, CUCURBITS, LETTUCE	0,5 - 1 ℓ/100 ℓ water to a maximum of 5 ℓ/ha	Apply 4-5 applications immediately after fruit formation and continue at weekly intervals until 2 weeks prior to harvest. Apply in a minimum of 500 ℓ water/ha. For lettuce apply regularly throughout the growing season.

NOTE:

EXCESSIVE AMOUNTS OF POTASSIUM IN APPLES MAY LEAD TO POOR QUALITY FRUIT IN CASE OF IMBALANCES AMONGST NUTRIENTS. THE SPRAY VOLUME AND DOSAGE APPLIED WILL BE DETERMINED, BY THE ACTUAL TREE OR PLANT SIZE. THE DOSAGE IS DEPENDENT ON THE MAGNITUDE OF THE DEFICIENCY.

IMPORTANT:

BEFORE APPLYING K-MAX CONSULT YOUR LOCAL AECI PLANT HEALTH CROP ADVISER ON THE NECESSITY OF USING IT.

K-MAX®

Reg.Nr. B2753, Wet Nr. 36 van 1947
Namibiese Reg. Nr. N-F 1424

VLOEIBARE, ORGANIESE KALIUMKOMPLEKS

MISSTOF GROEP 2

'n Vloeibare, wateroplosbare organiese kaliumkompleks vir die aanvulling van kaliumvlakke in plante met 'n hoë kalium behoefte.

AKTIEWE BESTANDDEEL:

Kalium (K) 91 g/kg (115 g/l)



WAARSKUWING

GHS GEVAARVERKLARINGS

Veroorsaak velirritasie.

Veroorsaak ernstige oogirritasie.

GHS VOORSORGVKLAARINGS

Voorkoming

Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming/gehoorbeskerming.

Was hande en gesig deeglik na hantering. Moet nie aan oë raak nie.

Reaksie

INDIEN OP VEL: Was met baie water.

Indien velirritasie ontstaan: Kry mediese hulp.

Indien oogirritasie voortduur: Kry mediese hulp.

Trek alle besoedelde klere uit en was dit voor hergebruik.

INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontakklense indien aanwesig en maklik om te verwyder. Hou aan met spoel.

INHOUD:

LOTNOMMER: Nie gereguleer nie



REGISTRASIEHOUER:

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K-MAX® is die geregistreerde handelsmerk van AECI® Beperk

RELEVANTE STOWWE:

Naam van stowwe (IUPAC)	Konsentrasie % per gewig	Klassifikasie
Sakkarsuur (SA)/Glukarsuur	10-30%	Vlambaar - (Kategorie 1). Ernstige oogskade / Irritasie (Kategorie 1). Velkorrosie / Irritasie (Kategorie 1).

NOTA: Die ander bestanddele wat nie hierbo gelys is nie, veroorsaak of dra nie by tot die korrekte GHS klassifikasie van **K-MAX** 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

K-MAX is verenigbaar met die mees algemene gebruikte blaarvoedings. Dit word egter aanbeveel dat 'n toets op 'n klein area gedoen word en dan nagegaan word vir 3 dae, voordat enige kommersiële toedienings gedoen word. Vermyn mengsels van **K-MAX** en sterk alkaliese materiale soos Kalkswael of Bordeaux mengsel. Waar oorhoofse besproeiing gebruik word, vermyn besproeiing van behandelde gewasse direk na toediening. In boorde waar 'n mikrobepoëiingstelsel gebruik word behoort spuitneerslae nie geaffekteer te word nie. Gebruik die laer dosis vir instandhouding en die hoër dosis vir voldoende opname. Dien **K-MAX** as 'n blaarbespuiting toe waar 'n neutrale snelwerkende kaliumbron benodig word, om aan kalium-behoeftes te voorsien.

TOEDIENINGSTABEL:

GEWAS	DOSIS/ha OF SOOS AANGEDUI	TOEDIENINGSMETODE
VRUGTEGEWASSE		
APPELS, PERE	1 - 2 l/100 l water tot 'n maksimum van 10 l/ha	Dien 2-3 bespuitings toe as 'n aanvullende kaliumbehandeling na vrugset, gedurende uitsetting van die vrugte en herhaal met 14-dae tussenposes. Dien toe in 'n minimum van 1 000 – 2 000 l water/ha.
DRUIWE	2 - 4 l/100 l water tot 'n maksimum van 10 l/ha	Dien toe sodra die vrugte ertjekorrelgrootte bereik het en herhaal 21 dae later. Dien toe in 'n minimum van 1 000 l water/ha.
PERSKES, PRUIME, NEKTARIENS, APPELKOSE	2 l/100 l water tot 'n maksimum van 10 l/ha	Dien 2-3 bespuitings toe na vrugset, gedurende uitsetting van die vrugte en herhaal met 7 tot 14-dae tussenposes. Dien toe in 'n minimum van 1 000 – 2 000 l water/ha.
SITRUS	1- 2 l/100 l water tot 'n maksimum van 10 l/ha	Dien as 'n hoë volume bespuiting toe in 'n minimum van 1 000 - 3 000 l water/ha. Herhaal 1 - 2 keer indien nodig.
VELDGEWASSE		
AARTAPPELS	1 - 2 l/100 l water tot 'n maksimum van 10 l/ha	Dien toe met knolswel en herhaal met 7 tot 14-dae tussenposes. Dien toe in 'n minimum van 500 l water/ha.
AVOKADO'S, MANGO'S, LIETSJIE, MAKADAMIAS	4 l/100 l water tot 'n maksimum van 20 l/ha	Dien 1-2 bespuitings toe. Dien die eerste behandeling op die blom toe en herhaal gedurende die somer uitloop. Dien in 'n minimum van 1 000 – 2 000 l water/ha toe.
GRAAN, KANOLA, ERTJIES, MIELIES	1 - 2 l/100 l water tot 'n maksimum van 10 l/ha	Dien 4 toedienings ná blom toe as 'n aanvullende kalium behandeling met 7 tot 14-dae tussenposes. Dien toe in 'n minimum van 500 l water/ha.

GRASPERKE	0,5 - 1 ℓ/100 ℓ water tot 'n maksimum van 15 ℓ/ha	Dien 2-3 toedienings elke twee weke toe.
GROENTE: TAMATIES, EIERVRUG, PAMPOENGWASSE, SOETRISSIES, SLAAI	0,5 - 1 ℓ/100 ℓ water tot 'n maksimum van 5 ℓ/ha	Dien 4-5 toedienings direk na vrugvorming toe en herhaal met weeklikse intervalle tot twee weke vóór oes. Dien toe in 'n minimum van 500 ℓ water/ha. Dien met gereelde intervalle op slaai toe, gedurende die groeiseisoen.
TABAK	4 ℓ/100 ℓ water tot 'n maksimum van 30 ℓ/ha	Dien 2-3 behandelings na top toe in 'n minimum van 400 ℓ water/ha.
SIERPLANTE	2 ℓ/100 ℓ water tot 'n maksimum van 10 ℓ/ha	Dien 2-3 toedienings per groeiseisoen toe. Verseker voldoende benatting van die plante.

LET WEL: 'N OORMAAT KALIUM BY APPELS KAN AANLEIDING GEE TOT SWAK KWALITEIT VRUGTE, IN GEVAL 'N WANBALANS TUSSEN VOEDINGSELEMENTE ONTSTAAN. DIE SPUITVOLUMES WORD BEPAAL DEUR DIE WERKLIKE BOOM- OF PLANTGROOTTE. DIE DOSIS HANG AF VAN DIE GRAAD VAN DIÉ TEKORT.

BELANGRIK: VOORDAT K-MAX TOEGEDIEN WORD RAADPLEEG 'N PLAASLIKE AECI PLANT HEALTH GEWASADVISEUR OOR DIE NOODSAAKLIKHEID VAN DIE GEBRUIK DAARVAN.