

HYGROFERT

SPECIALISED SEEDLING FERTILIZER FOR ALL GROWING MEDIUMS / GESPECIALISEERDE SAAILING MISSTOF VIR GROEIMEDIUMS.

ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE:

Nitrogen / Stikstof (N).....	153 g/kg	Iron / Yster (Fe).....	1885 mg/kg
Phosphorus / Fosfor (P).....	69 g/kg	Manganese / Mangaan (Mn).....	449 mg/kg
Potassium / Kalium (K).....	183 g/kg	Zink / Sink (Z).....	224 mg/kg
Magnesium (Mg).....	11 g/kg	Copper / Koper (Cu).....	34 mg/kg
Sulphur / Swael (S).....	14 g/kg	Boron / Boor (B).....	561 mg/kg
		Molybdenum / Molibdeen (Mo).....	56 mg/kg

FERTILIZER GRP 1 MISSTOF

Reg. No. / Nr. K5269

Act No. / Wet Nr. 36 of/van 1947

DIRECTIONS FOR USE

HYGROFERT is a balanced water soluble nutrient mixture for use on seedlings in seed trays or other containers which are filled with bark, peat, vermiculite or other organic growing mediums which contain adequate levels of Ca and Mg and have a fairly high K content. In the case of seedlings **HYGROFERT** is either applied as a diluted solution in feed water or as a foliar spray.

HYGROFERT can also be used on larger plants in containers where it can be applied via irrigation water, as a top-dressing or worked into the medium by mechanical means.

HYGROFERT can be washed into the growing medium by means of irrigation, sprayed as a foliar feed or top-dressing or be incorporated into the medium by mechanical means.

HYGROFERT is compatible with all fungicides and pesticides except those which contain large amounts of copper, sulphur and alkaline materials such as lime sulphur or Bordeaux mixtures.

HYGROFERT can be applied prior to sowing, immediately after emergence of the seedlings or at any time during the development of the seedling prior to transplant.

HYGROFERT is high in nutritional status and its main functions are to enhance, stimulate and maintain the growth of all seedlings.

Wherever possible, a fresh solution of **HYGROFERT** should be made up daily. This is to prevent the possibility of any sedimentation of the elements out of solution.

It is important to remember that the conductivity of the nutrient feed reaching the seedlings must never exceed 2.5 mS/cm as this will cause damage to the roots and aerial parts and retard growth.

HYGROFERT FOR SEEDLINGS

Application rates usually vary between 600-750g per 1000 litres of irrigation water. **HYGROFERT** is formulated for all growing mediums.

HYGROFERT contains fairly high levels of nitrogen to compensate for nitrogen absorbed by the growing medium. Bark tends to have a high K-content and less potassium is thus needed. **HYGROFERT** can also be applied as a foliar spray – at 5g/L (young, sensitive plants) or 10g/L (older plants).

Where seedlings are irrigated once or twice per day, apply at the recommended rates with each irrigation. During hot or dry weather when seedlings are irrigated more than twice a day, apply **HYGROFERT** in only two of the irrigations.

Always apply sufficient water at each irrigation to ensure that water drains from the medium to prevent build-up of salts.

During periods of frequent rain, apply **HYGROFERT** immediately after rain **UNLESS TRAYS ARE TOO WATER-LOGGED, IN WHICH CASE WAIT FOR TRAYS TO DRAIN SUFFICIENTLY.**

APPLICATION RATES AND NUTRITIONAL CONCENTRATE

GROWTH RATE REQUIRED	DILUTION g/1000L	N ppm	P ppm	K ppm
Slow steady growth	600	92	41	110
Moderate growth	750	115	52	137
Rapid growth	1000	153	69	183
Pre-planting boost	2000	306	138	366

Manufactured, Registered & Distributed by: / Vervaardig, Geregistreer & Versprei deur:



PROPERTIES (PTY) LTD
1984/00638/07
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GEBRUIKSAANWYSINGS

HYGROFERT is 'n gebalanseerde wateroplosbare voedingsmengsel vir die gebruik op saailinge in saailaai of ander houers wat met bas, veen, vermikuliet of ander organiese groeimediums opgevol word wat 'n voldoende hoeveelheid vlakke van Ca en Mg asook 'n hoë K-inhoud het. In geval van saailinge, word **HYGROFERT** as 'n verdunde oplossing in voedingswater of as 'n blaarvoedingsproei gebruik.

HYGROFERT kan ook op groter plante in planthouers toegedien word d.m.v. besproeiingswater, as 'n bo-laag of kan meganies ingewerk word in die medium.

HYGROFERT kan d.m.v. besproeiing in die groeimedium ingewas word of as 'n blaarvoeding of bo-laag toegedien word of kan meganies ingewerk word in die medium.

HYGROFERT is verenigbaar met alle swam- en plaagdoders, behalwe waar groot hoeveelhede van koper, swael en alkaliese materiale soos kalkswael of Bordeaux mengsels voorkom.

HYGROFERT kan voor saai aangewend word, onmiddelik na uitloop van saailinge of enige tyd gedurende die ontwikkeling van die saailing, voor uitplanting.

HYGROFERT is hoog in voedingswaarde en die hoof funksie is om die verhoging, stimulerende en die ontwikkeling van die saailinge te onderhou.

Waar moontlik, moet 'n vars mengsel van **HYGROFERT** op 'n daaglikse basis aangemaak word. Dit sal verhoed dat die elemente in oplossing sal uitsak.

Dit is belangrik om te onthou dat die geleidingsvermoë van die voedingsstowwe wat die saailinge bereik, nooit meer as 2.5 mS/cm oorskry nie, want dit sal die wortels en lugdele beskadig en vertraagde groei veroorsaak.

HYGROFERT VIR SAAILINGE

Toedieningshoeveelhede wissel gewoonlik tussen 600-750g per 1000 liter besproeiingswater. **HYGROFERT** is geformuleer vir alle groeimediums.

HYGROFERT bevat redelike hoë vlakke van stikstof om te kompenseer vir stikstof wat deur die groeimedium opgeneem word. Bas neig om 'n hoë K-inhoud te bevat, dus benodig dit minder kalium. **HYGROFERT** kan ook aangewend word as 'n blaarvoeding – teen 5g/L (jong, sensitiewe plante) of 10g/L (ouer plante).

Waar saailinge een of twee maal per dag besproei word, wend aan soos voorgeskrewe dosisse met elke besproeiing. Gedurende warm of droë weer, wanneer saailinge meer as twee keer per dag besproei word, voeg **HYGROFERT** slegs by twee besproeiings.

Voeg altyd voldoende water by die besproeiing om te verseker dat water dreineer ten einde die opbou van soute in die medium te voorkom.

Gedurende periodes van gereelde reën, dien **HYGROFERT** dadelik na reën toe, **BEHALWE SAAILINGE WAT TE VEEL WATER BEVAT, IN DIE GEVAL WAG TOT SAAILINGE VOLDOENDE DREINEER HET.**

TOEDIENINGSHOEVEELHEDE EN VOEDINGSTOF KONSENTRATE

GROEI TEMPO VERLANG	TOEDIENING g/1000L	N dpm	P dpm	K dpm
Stadige, konstante groei	600	92	41	110
Gematigde groei	750	115	52	137
Vinnige groei	1000	153	69	183
Voor-plant aanvulling	2000	306	138	366

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