

Genie[®] Dynamo

Reg. No. M146, Act No.36 of 1947

FERTILIZER GROUP 3

A liquid formulation that contains humic and fulvic acids.

COMPOSITION:

Humic acid..... 121 g/kg (135.5 g/l)
Fulvic acid 15 g/kg (16.8 g/l)

SG 1.12 @ 20 °C

Genie Dynamo pH: 9.5

CONTENTS: 1; 5; 10; 20; 25; 50; 210; 500; 1 040 L



WARNING

GHS HAZARD STATEMENT

Causes skin irritation.
Causes serious eye irritation

GHS PRECAUTIONARY STATEMENT

Wash thoroughly after handling.
Do not eat, drink when using this product.



REGISTRATION HOLDER:

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

Reg. No. 1924/002590/06

P.O. Box 14418

Witfield, 1467

14 Field Road (Cnr Bird Street),

Lilianton, 1459

Tel : (011) 823 8000

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Genie[®] is the registered trademark of AECI[®] Limited

Batch No:

UN No: **Not regulated**

WARNINGS:**GHS HAZARD STATEMENT**

Causes skin irritation.
Causes serious eye irritation

Do not mix **Genie Dynamo** with calcium nitrate or products with a low pH.

Do not store **Genie Dynamo** in direct sunlight.

Do not store **Genie Dynamo** in temperatures below 5 °C or above 45 °C.

Genie Dynamo performs at its best when the soil organic matter is <3 %. Consult your local Agronomist or AECI Agri Health Crop Adviser when it is > 3%.

Keep out of reach of children.

PRECAUTIONS:**GHS PRECAUTIONARY STATEMENT**

Wash thoroughly after handling.

Do not eat, drink when using this product.

Wear protective gloves/ eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	CAS –No.	Concentration % by weight	Classification
	EC-No.		EC1272/2008
Humic acid	1415-93-6	10-20%	Skin irritant (Category 2) H315. Eye irritant (Category 2) H319. STOT SE 3 H335.
	215-809-6		

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

DIRECTIONS FOR USE: ONLY USE AS DIRECTED**COMPATIBILITY:**

The compatibility of **Genie Dynamo** has not yet been proven with agricultural remedies. 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 Agri 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.

MIXING INSTRUCTIONS:

- Half fill tank with the required volume of water.
- Add the required amount of **Genie Dynamo**.
- Fill the remainder of tank with water and maintain agitation.

APPLICATION GUIDE:

- Apply through boom spray, liquid injection, aerial, fertigation or overhead irrigation.
- **DO not** apply when conditions are extremely hot.
- Best applied in a temperature range of 5 to 25 °C.

Type of Application	Application Rate	Dilution Recommendation
<u>SOIL APPLICATION</u> In-row and Broadcast	8 to 12 ℓ/ha	Dilute with 100 to 200 ℓ of water/ha. When applied in a row, use a rate of 1 ml/m². Use the lower rate when two applications are required during the growing season and the higher rate when one application will be made during a growing season. When applying in tree crop situations, assuming that the rhizosphere is equivalent in m² of the canopy, determine the rate accordingly using 1 ml/m².
IRRIGATION	12 ℓ/ha	Use over the full set of irrigation and apply with every third irrigation until harvest. If the irrigation water has a high sodium (Na) content, add 10 ppm (0.001%) of Genie Dynamo to the irrigation water with each irrigation cycle.
TANK MIXTURE WITH LIQUID FERTILIZERS		Add Genie Dynamo to the tank mixture at a 2% rate of the registered fertilizer rate (i.e. if you use 100 ℓ of a liquid fertilizer, use 2 ℓ of Genie Dynamo). Do not add to acidic fertilizer mixtures.
COATING OF SOLID FERTILIZERS		Apply Genie Dynamo as a coating to the fertiliser at 2 % rate of the registered fertilizer rate, (i.e. if you use 100 kg fertilizer, use 2 ℓ Genie Dynamo). Do not apply as a coating to acidic fertilisers. NOTE : BLENDERS ONLY Apply Genie Dynamo as a coating to the fertiliser at 1.5 % of the fertilizer, (i.e. if you use 1 000 kg fertilizer, use 15 ℓ Genie Dynamo). Do not apply as a coating to acidic fertilisers. Ensure that the coated fertilizer is “cured” by turning the coated product with a front end loader for 48 hours before bagging.

CONDITIONS OF SALE: These goods are manufactured and tested to specific standards and are sold in good faith, however no guarantee is given as conditions and methods under which they are used are beyond the control of the manufacturer. Before using, user should determine the suitability of the product for his/her intended use and user assumes the risk and liability in connection therewith.

Before applying **Genie Dynamo**, consult a qualified Agronomist or your AECI Agri Health Crop Adviser on the necessity of using it.

Genie® Dynamo

Reg. Nr. M146, Wet Nr. 36 van 1947

MISSTOF GROEP 3

‘n Vloeibare formulasie wat humien- en fulviensure bevat.

SAMESTELLING:

Humiensuur..... 121 g/kg (135.5 g/l)
Fulviensuur 15 g/kg (16.8 g/l)

SG 1.12 @ 20 °C

Genie Dynamo pH: 9.5

Lotnommer:

VN Nr. Nie gereguleer nie

INHOUD: 1; 5; 10; 20; 25; 50; 210; 500; 1 040 L



REGISTRASIEHOUER:

Nulandis® ('n Afdeling van AECI Beperk)

Reg. Nr. 1924/002590/06

Posbus 14418

Witfield, 1467

Fieldweg 14 (h/v Birdstraat),

Lilianton, 1459

Tel : (011) 823 8000

www.nulandis.com

Genie® is die geregistreerde handelsmerk van AECI® Beperk

WAARSKUWINGS:

Moenie Genie Dynamo met kalsiumnitraat of produkte met 'n lae pH meng nie.

Moenie Genie Dynamo in direkte sonlig stoor nie.

Moenie Genie Dynamo in temperature onder 5°C of bo 45 °C stoor nie.

Genie Dynamo is die mees effektiefste wanneer die grond se organiese materiaal <3% is.

Raadpleeg u plaaslike Landboukundige of AECI Plant Health Gewasadviseur wanneer dit >3% is.

Hou buite bereik van kinders.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID:

Die verenigbaarheid van **Genie Dynamo** met landboumiddels is nog onbekend. 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 gespuut word. Vir verdere inligting rakende verenigbaarheid of in die geval van onsekerheid, kontak u plaaslike AECI Plant Health verteenwoordiger. Dit word egter aanbeveel dat 'n toets op 'n klein area gedoen en gemonitor word vir 3 dae, voordat enige kommersiële toedienings gedoen word.

VERMENGINGSINSTRUKSIES:

- Maak die spuittenk halfvol met die aanbevole hoeveelheid water.
- Voeg die benodigde hoeveelheid **Genie Dynamo** by.
- Vul die res van die spuittenk met water en hou aan om voortdurend te roer.

TOEDIENINGSMETODE:

- Dien toe deur middel van 'n spuitbalk, vloeibare inspuiting "injector", lugbespuiting, sproeibemesting of oorhoofse besproeiing.
- **Moenie** tydens uiters warm weerstoestande toedien nie.
- Die beste tyd van toediening van **Genie Dynamo** is by temperature wat wissel van 5 tot 25°C.

TOEDIENINGSTABEL:

Tipe Toediening	Toedieningshoeveelheid	Verdunning Aanbeveling
<u>GRONDTOEDIENING</u> Tussen-ry en breedwerpig	8 tot 12 ℓ /ha	Verdun met 100 tot 200 ℓ water/ha. Tydens tussen-ry toediening, gebruik 'n aanbeveling van 1 m^3/m^2. Gebruik die laer toedieningshoeveelheid wanneer twee toedienings tydens die groeiseisoen benodig word en die hoër toedieningshoeveelheid wanneer een toediening deur die groeiseisoen gedoen word.
		Wanneer in boomgewasse toegedien word is die veronderstelling dat die rhizosfeer ekwivalent is in m^2 van die blaardak, bepaal dus die toedieningsaanbeveling deur 1 m^3/m^2 dienooreenkomstig te gebruik.
BESPROEIING	12 ℓ /ha	Gebruik oor die hele stel besproeiing en dien toe met elke derde besproeiing tot en met oes. Indien die besproeiingswater 'n hoë natrium (Na) inhoud het, voeg 10 ppm (0.001%) van Genie Dynamo by die besproeiingswater met elke besproeiingssiklus.
TENKMENGSEL MET VLOEIBARE MISSTOWWE		Voeg Genie Dynamo by die tenkmengsel teen 'n 2% toedieningshoeveelheid van die geregistreerde misstof aanbeveling, (d.w.s. met die gebruik van 100 ℓ van 'n vloeibare misstof, gebruik 2 ℓ Genie Dynamo). Moenie by suur misstof mengsels voeg nie.
BEDEKKING VAN KORREL MISSTOWWE		Dien Genie Dynamo by die misstof toe om dit te bedek teen 'n 2% toedieningshoeveelheid van die geregistreerde misstof aanbeveling, (d.w.s. met die gebruik van 100 kg misstof, gebruik 2 ℓ Genie Dynamo). Moenie as 'n bedekking by suur misstowwe voeg nie. NOTA : SLEGS MENGAANLEGTE "BLENDERS" Dien Genie Dynamo by die misstof toe om dit te bedek teen 'n 1.5% toedieningshoeveelheid van die geregistreerde misstof aanbeveling, (d.w.s. met die gebruik van 1 000 kg misstof, gebruik 15 ℓ Genie Dynamo). Moenie as 'n bedekking by suur misstowwe voeg nie Verseker dat die bedekte misstof goed gedroog is deur die bedekte produk met 'n voor- en eindlader te draai vir 48 uur voordat dit in sakke verpak word.

VERKOOP VOORWAARDES:

Hierdie goedere word vervaardig en getoets wat aan spesifieke standarde voldoen en word in goedertrou verkoop, maar aangesien die voorwaardes en metodes waaronder hulle gebruik word buite die beheer van die vervaardiger is, word geen waarborg gegee nie. Vóór gebruik, moet die gebruiker die geskiktheid van hierdie produk vir sy/haar voorgenome gebruik bepaal.

Raadpleeg 'n gekwalifiseerde Agronoom of u AECI Plant Health Gewasadviseur, voordat **Genie Dynamo** toegedien word, oor die noodsaaklikheid vir die gebruik daarvan