



BlackGold™

PLANT GROWTH ENHANCER AND BIOSTIMULANT

Group 2 Fertilizer

Registration number, Act 36/47 – B4277

Product description:

A water soluble plant hydrolysate in powder form. This high carbon content brown/black powder contains natural chelates which gives it an exceptionally high cation exchange capacity (CEC) and is also an excellent bio-stimulant. It stimulates root formation which in turn increases nutrient uptake and plant growth.

General information:

- ◆ Acts as a slow-release carbon source and nutrient for soil micro-organisms.
- ◆ Stimulates root and shoot growth.
- ◆ Acts as a natural chelate for micro and macro elements, Increases the absorption rate of most plant nutrients
- ◆ Increases translocation and enzymatic processes in plants.
- ◆ Enhances photosynthesis and acts as a natural growth hormone.
- ◆ Increases the cation exchange capacity in the root zone.

Product specifications:

Packaging:

50kg Poly-propylene bags

Typical analysis:

Macro elements (g/kg)		Organic carbon content (g/kg), organic acid content (g/kg), moisture (%) and cation exchange capacity (cmol/kg)			
N	K	Organic carbon	Organic acids	Moisture	CEC
10-12	20-25	400-420	350-400	0.5-1.5	1500-1700

Application: An example of HFB 10-1-10 (29) +TE (BlackGold coated prescription blend):

Macro Elements (g/kg)				Moisture (%), BlackGold (%) and trace elements (mg/kg) content							
N	K	P	Ca	Moisture	BG*	Fe	Cu	Zn	Mn	B	Mo
13.8	13.8	1.5	0	1.2-3.5	20	760	510	2600	1260	550	110

* BG: BlackGold

Properties:

Appearance..... brown/black powder
 Heavy metal content..... much lower than acceptable international norms

Dosage rates:

Granule: Apply to granular fertilizer as a coating at a rate of 2kg per 100kg (Use Humefert Binder).

Storage:

Store in a tight sealed container in a cool, dry area away from direct sunlight.

Disclaimer:

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