

Proef te Devon Korrektiewe Dienste.

Spruit program op Kop Kool:

1. 10 kg/ha CaSO_4 met 300 liter water/ha plus 1.5 liter/ha COA (Gekombineerde Organiese Sure) voor plant.
2. 1 liter/ha Gliogrow net na plant plus 1 liter/ha Super Ca blaar bespuiting.
3. 1 liter/ha Gliogrow elke drie weke daarna.

Water ontledings van Besproeiings Water

Analysis in mg/l	Sample Identification		
	Irrigation Dam:		Irrigation Guidelines (DWAF 1996)
pH value at 25 °C	8.3		6.5 - 8.4
Electrical Conductivity (mS/m)	54.8		≤ 40
Total Dissolved Solids	368.0		-----
Suspended Solids	28.0		≤ 50
Colour in PtCo units	117.0		-----
Odour In T.O.N	<5		-----
Turbidity in N.T.U	12.0		-----
Total Alkalinity as CaCO_3	204.0		-----
Free & Saline Ammonia as N	1.4]		Total N ≤ 5
Nitrate as N	1.9]	Total N = 4.3	$\text{NH}_4 + \text{NH}_3$
Nitrite as N	1.0]		$\text{NO}_3 + \text{NO}_2$
Kjeldahl Nitrogen	3.9		-----
Total Phosphate	2.4		-----
Ortho-Phosphate as P	1.8		-----
Chloride as Cl	36.0		≤ 100
Sulphate as SO_4	39.0		-----
Fluoride as F	0.3		≤ 2.0
Free Cyanide as CN(in ug/l)	< 0.05		-----
Total Organic Carbon as C	16.0		-----
Phenols	< 0.010		-----
Total Coliform Bacteria/100 ml	3900.0		-----
Faecal Coliform Bacteria/100 ml	96.0		≤ 1
E.coli/100 ml	57.0		-----
Heterotrophic Plate Count/1 ml	9100.0		-----
Somatic Coliphages / 10 ml	3.0		-----
Calcium Hardness as CaCO_3	100.0		-----
Sodium Adsorption Ratio	1.0		≤ 2.0
Langelier Index at 25 °C	0.8		-0.4
Cation-Anion Balancing(%)	95.4		-----

Grondontledings voor plant en vier weke daarna.

	Kontrole	A1 na	Kontrole	A2 na
	A 1	4 Weke	A2	4 Weke
pH KCl	→ 6.92	5.7	5.71	4.8
P(Bray 1) mg/kg	72	90	29	47
K mg/kg	379	448	184	286
Na mg/kg	→ 175	92	110	64
Ca mg/kg	→ 3956	3440	2454	2230
Mg mg/kg	884	790	1063	675
K %	3.37	5	2.14	4
Na %	2.65	2	2.17	2
Ca %	68.79	68	55.94	63
Mg %	25.19	26	39.74	31
ACID %	0	0	0	0
Ca:Mg	2.73	2.7	1.41	2
Ca:Mg/K	→ 27.91	21	44.71	23
Mg:K	7.48	5.7	18.57	7.6
S-Value cmol(+)/kg	28.75	34	21.93	20
Na:K	0.79	0.4	1.02	0.5

Kontrole links van Pyp: Behandeling regs van Pyp: Vier weke na behandeling: Perseel A 1



Regs van pyp Perseel A 2



Kontrole 6 weke na plant



Links van pyp Perseel A1 en regs Perseel A2 6 Weke na Plant

