

agricura

Growing Farming Generations

PRODUCTION GUIDELINES FOR 1 HECTARE OF WATER MELONS

Optimum growth temperatures at night are 18 - 20 & during the day about 24 - 30 & for ripening its 15 - 25 degrees celsius

Water melons are mostly planted in the Spring and through the Summer months, general recommendation is between July & August

Grow plants on raised beds about 10cm high. Beds should be about 2m apart and as wide as possible, paths should be at least 0.6m wide

Soil must be thoroughly and deeply cultivated to obtain a good root system. If possible germinate seeds first in a controlled environment then transplant seedlings later

Plant population of upto 4000 plants/Ha, Seed requirements of 2.5 - 4.5 kgs/Ha depending on variety and spacing. Yield targets of upto an average of 25 - 30 tons/Ha

Potash is very important for flowering & fruiting of your crop and finally the keeping qualities of your fruits thus avail more potash by means of supplements

Maturity time is 11 - 17 weeks depending on the variety. Do not apply too much phosphorus as it may promote splitting of your fruits

Fertilizer requirements		Product	Rate/ha	
Basal dressing:	Agricura Compound C	5:15:12	300kgs	Generally recommended to apply all at or before transplanting your crop
	Muriate of Potash	MOP	200kgs	Generally recommended to apply all at planting or split apply as side dressings
Top dressing:	Split apply Ammonium nitrate	AN 34.5% N	200kgs	Split apply at 3 & at 5-6 WAP/Transplanting your crop as required/If required
Herbicides, Fungicides, Insecticides				
Problem	Product	Application rate	Application / comments	Product for 1 ha
Grasses only	Gallant Super	0.6 - 2.4 litres per hectare	Apply as a post emergent herbicide against grasses only	0.6 - 2.4lt
	Agil/Propaquizafop	0.5 - 2 litres per hectare	Apply as a post emergent herbicide against grasses only	0.5 - 2lt
Cutworms	Fenvelerate	200mls per hectare	Apply as a band spray soon after germination/transplanting	0.2lt
	Lambda cyhalothrin	200mls per hectare	Apply as a band spray soon after germination/transplanting	0.2lt
Aphids	Dimethoate 40EC	250mls per hectare	Apply as a F.C.S usually not very problematic pest	0.25lt
	Malathion 25WP	300grms per hectare	Apply as a F.C.S and repeat if necessary to do so	0.3kgs
	Malathion 50EC	200mls per hectare	Apply as a F.C.S and repeat if necessary to do so	0.2lt
Anthracnose Downy Mildew	Dithane M45	1.5 - 2kgs per hectare	Apply as a F.C.S and repeat after every 7 - 14 days as necessary	1.5 - 2kgs
	Copper Oxychloride 85WP	1kgs per hectare	Apply as a F.C.S and repeat after every 7 - 14 days as necessary	1kgs
	Chloroflo/Chlorothalonil/Bravo	2 litres per hectare	Apply as a F.C.S and repeat after every 7 - 14 days as necessary	2lt
Powdery Mildew	Agricura Special Fungicide	500 - 750grams per hectare	Apply as a F.C.S and repeat after every 7 - 14 days as necessary	0.5 - 0.75kg
Seed Borne Diseases	Thiram 80WP	Seed dresser	Mix gently with your seed at the rate of 10grams per 4 -5kgs	10grams
Fruit Fly	GF 120 Fruit Fly Bait	500mls/14.5 - 15.5lt of water	Apply as coarse droplets at weekly intervals. Consult Agronomist	1 - 1.2lt
	Kontakill/Fenitrothion	300mls per hectare	Apply as a F.C.S repeat as necessary. Consult Agronomist	0.3lt
	Malathion 25WP	300grams/Ha, apply as a bait	Mix with 4kgs of sugar in 100 lts of water apply as a coarse spray	0.5 - 0.6kgs
	Malathion 50EC	300mls per hectare	Apply as a F.C.S repeat as necessary. Consult Agronomist	0.3lt

Approximately 12.5 x 16 litre knapsacks will cover 1 hectare and apply 200 litres of water

ALWAYS READ LABELS BEFORE USING THE PRODUCTS

Head office tel: 04-621570-9, website: www.agricura.co.zw, Facebook page name: Agricura PVT Limited

By B. Gokoma & O.T Mlambo, *Call/App 0772407879 & 0774901767* respectively.