

Nutritional Managemnet of Water Melon per One acre				
A. Soil Application				
Time	Product	Qty in kg per acre	Remarks	
Basal Dose	Diammonium Phosphate	50	Mix before applying to the soil	
	Muriate of potash	25		
B. Fertigation				
Time (DAS)	Product	Kgs/lts/ac/one time (once in 4 days)	Number of times	Qty req. per the period in Kgs/lts
10--30	Reach (N P K MgO - 19-11-11-03)	5	5	25
	S-Zinc (Zn EDTA -12%)	0.1		0.5
	Expert Total	1		5
31-38	Mag-Sul (Magnesium sulphate – Mg-9.5%, S-12.0%)	2	5	10
40th day	CaTs Calcium Thiosulphate	5	1	5
	S -Bor (Boron-20%)	0.2		0.2
41-60	Honor (Mono Ammonium Phosphate - 12-61-00)	3	5	15
	Raise (Potassium Nitrate - 13-00-45)	2		10
61-70	Cal - B Sure (Boronated Calcium Nitrate – N-14.5%, Ca-17.0%, B-0.2-0.3)	5	2	10
70-82	Ultra Plus (N P K S 15-8-35-4.5)	5	3	15
	Aammonium sulphate	5		15
83	KTS Potassium Thiosulphate	5	1	5
C. Foliar				
Sl. No.	Product	Stage-Days After Sowing (DAS)	Recommended Dose gms/mls/acre	Uses
1	Swift Plus + S Zinc (N P K 19-19-19 + Zn EDTA-12%)	15	5 +1	Uniform growth
2	Honor (Mono Ammonium Phosphate - 12-61-00)	30	5	Flower induction
3	CaTs Calcium Thiosulphate	40	5	Flower induction
3	Exceed (Mono Potassium Phosphate - 00-52-34)	45	5	Fruit developemnt
4	Ultra Plus (N P K S 15-8-35-4.5)	60	5	Increase weight of the fruit
5	KTS Potassium Thiosulphate	75	5	Increase colour and quality

1. Plz give CaTS, KTS & Magsul separately
2. Srusti CN B give separately
3. Magsul Should not mix with CN and any Phosphatic grades