

HERBAL DOSAGE FOR GROUNDNUT CULTIVATION



About Groundnut Crop

- For *Rabi* sowing is between the last week of November to the second fortnight of December.
- Seed requirement: 100-110 kg kernels/ha. **Crop duration: 110-150 Days**, depending on variety
- Groundnut being legume needs more Phosphorous, being an oilseed crop needs more Sulphur and it needs more Calcium for proper shell formation and pod filling.
- Harvested when 75-80 % of all the pods are fully matured. The important indications of maturity are yellowing of lower foliage, spotting of leaves, dropping of old leaves, dark tan coloration inside the shell and full development of color.
- Pests and Diseases: Leaf spot, sucking pests, rust, **Nematodes root rot**, stem rot, stem necrosis.

RECOMMENDED DOSAGE CHART IN GROUNDNUT (PER ACRE)

Note: Suitable for Flood, Sprinkler, Drip irrigation and Rain gun method.

Age of crop	NemZap Application	GrowthFit Spray Mandatory
After sowing inbetween 10-15 days interval	Use NemZap 4 litres / acre ➤ Mix 1 litre with appropriate amount of sand (approx. 25-35 kgs) Broadcast/Spread uniformly in the entire crop field and irrigation should be given immediately through flood irrigation, sprinkler or Rain gun methods.	1st Dosage: In between 20-25 days , Mix 1 litre in 150 litres of water and spray. 2nd Dosage: In between 40-45 days , Mix 1 litre in 100 litres of water and spray 3rd Dosage: In between 75-80 days , Mix 1 litre in 100 litres of water and spray Note: If the spray mix is not enough to cover the entire crop area, you can increase the use GrowthFit liquid accordingly with above said dosage.
GrowthFit Application		
40-45days	Use 3 litres GrowthFit/ acre . Mix 1 litre with sand (approx. 25-35 kgs), spread uniformly in the entire crop field and irrigation should be given through flood irrigation, sprinkler or Rain gun methods.	
Note: Above mentioned application is for 110 days of crop duration, In case of 120 -150 days. Use 3 litres. of GrowthFit – Soil Application is recommended in between 70-75 days.		
70-75 days	Use 3 litres GrowthFit / acre : Mix 1 litre with sand (approx. 25-35 kgs), Broadcast/spread uniformly in the entire crop field and irrigation should be given immediately, through flood irrigation, sprinkler or Rain gun methods.	
Cost of cultivation	Product	Cost
	NemZap 04 litres. (Soil Application)	04 x 800 = Rs.3200
	GrowthFit 03 litres. (Soil Application)	03 x 600 = Rs.1800
	GrowthFit 03 litres. (Spray)	03 x 600 = Rs.1800
	Cost: For 110 Days crop: Rs. 6800	
	For 150 days crop (3 litres-GrowthFit): Rs. 1800	
	Total cost	Rs. 8600
<ul style="list-style-type: none"> • General Note: Avoid using with the combination of any other Chemical Fertilizers, Organic Solutions, Oil Cakes [Neem, castor, pongamia]. • If farmers want to use any other products / chemical fertilizers, maintain 10 days gap period before & after application of GrowthFit or NemZap solutions. • This chart is recommended for only 1 acre and dosages may vary based on the area. 		
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