

HERBAL DOSAGE FOR BANANA CULTIVATION



About Banana crop

- **Crop duration** : 8-11 months [245-320 days]
- The banana is propagated by suckers and rhizomes, tissue cultured plantlets are also.
- Tissue cultured plantlets harvesting in 11-12 months after planting.
- Planting of bananas should be done after rains i.e. September - October and in those areas where rains are not so heavy planting can be done in June-July. The plants need to be irrigated immediately after planting.
- Inadequate irrigation of banana leads to delayed flowering, irregular bunch size, delayed maturity, reduced fingers and poor keeping quality of the fruits.
- The major pests and diseases observed in banana crop are rhizome weevil, **nematodes**, bunchy top, leaf spot, etc.

RECOMMENDED DOSAGE CHART IN BANANA [PER ACRE].

NOTE: Before using NemZap /GrowthFit entire Crop field should be well watered, or soil should be moist

Age of crop	NemZap Application	GrowthFit Spray Schedule
After planting 10-15 DAYS	<p>Use NemZap 4 liters /acre.</p> <p>✓ Soil application [Soil drenching]: Mix 1 litre in 100 litres of water (4x100 litres of water) and pour at the base [root region] of each plant.</p> <p>Uses: It controls not only Nematodes, Root rot & also acts as fertilizer. Use only once in entire crop period.</p>	<p>Recommended to spray 3 times in entire crop period for every 50-60 days. Dosage may vary based on number of plants/acres.</p> <p>1st Dosage: Spray by mixing 1 litre GrowthFit in 150 litres of water</p> <p>2nd and 3rd Dosage: Mix 1 litre GrowthFit in 100 litres of water.</p>
GrowthFit - Soil Application		
30 days after using NemZap (i.e.,45days)	Use 4 litres/acre: Mix 1 litre in 100 litres of water (4x400) - Soil Application (Drip Irrigation).	
95 days	Use 6 litres/ acre. Mix 1 litre GrowthFit in 100 litres of water (6 litres x100) - Drip irrigation.	
145 days		
195 days		
For Pest Control	Use 1 litre of GrowthFit, mix thoroughly in 100 liters of water and spray as recommended by our experts.	
Cost of cultivation	04 lit. NemZap (Soil application)	04 x Rs.800 = Rs. 3,200
	23 lit. GrowthFit (Soil application)	23 x Rs.600 = Rs. 13,800
	03 lit. Growthfit (Spray)	03 x Rs.600 = Rs. 1,800
	Total cost	Rs. 18,800
<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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