

GREEN GRAM

INTRODUCTION:

- Short duration crop
- Excellent source of high quality protein (25%)
- It is consumed as a whole grain as well as "lentils".
- Easily digestible and hence patients like it
- It is also a good source of riboflavin, thiamine and vitamin C (ascorbic acid).
- Being a legume crop, it has the ability to fix atmospheric nitrogen (30-40 kg/ha).
- Moong can be used as fodder for cattle.

1] Sowing time -

Kharif - Onset of monsoon

Summer: (where irrigation facility is available) from second fortnight of February to first fortnight of March.

2] Seed rate - Kharif :- 6 to 7 kg per acre

Rabi: 8 to 10 kg per acre

3] Spacing - 30 cm × 10 cm

4] Irrigation - 3 to 4 irrigations as per requirement in summer

5] Application of fertilizers (per acre)

FERTILIZERS	Per acre	
	BASAL	30 DAYS
FYM	12 t/acre	-
MYCORHIZA POWDER	100 gm/acre	50 gm
Urea [46-0-0]	30 Kg	20 Kg
DAP OR SSP	50 Kg	25 Kg
MOP	40 Kg	25 Kg
MgSO4		10 Kg

Company Name

Katra Fertilizers & Chemical Pvt Ltd
(An Ezzy Group Enterprises)

Corporate Office

1304, Marathon Icon, NextGen Campus,
Opp. Peninsula Corporate Park,
Lower Parel (West), Mumbai - 400013 India

Factory Address

Survey No. 90/2/1, Gram Mehraj,
Khandwa Road, Khargone,
Madhya Pradesh - 451001 India

6] Spray Schedule:

DAS	GROWTH STAGES	TREATMENT	POTENTIAL DISEASE	POTENTIAL PEST
10 – 15	From Sowing To Plant Establishment	Katra Nano NPK 19-19-19 @ 200 gm per acre + Katra nano micronutrient combi @ 50 g/acre	Fusarium Wilt, Root Rot	White Fly, Aphid, Green Mosquito
20 - 25	Vegetative Growth Stage	Katara Nano Mono Ammonium Phosphate (12-61-0) @200 gm per acre + Flamingo (Emamectin Benzoate 3% Thiamethoxam 12% S G) 0.5 to 1 g/Lit of water + Fungus-G 1.5 gm/Lit of water + Kargill (Imidacloprid 30.5% SC)) 2 ml/litre of water + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Root Rot, Rust Dieback, Downy Mildew,	White fly, Green Mosquito, Green Mosquito Aphid, Bollworm
35 - 40	Flowering Stage	Katra Nano NPK Potassium Phosphate 00-52-34@200 gm per acre + Fungus-G 1.5 gm/Lit of water + Katra Nano Capsule (flower booster) @ 1 Caps/Acre	Powdery Mildew, Downy Mildew, Alternaria	Whitefly, Thrips, Green Mole, Yellow Mosaic, Bollworm
50 -55	Pod Development / Maturity Stage	Benlarva (Emamectin Benzoate 5% SG) 4 g/10 L of water + Katra nano 00-00-50 @ 200 gm/acre + fungicin (Allicin 19.% SL) @ 100 ml/acre	Cercospora, Powdery Mildew, Alternaria	Whitefly, Champa, Thrips, Pod Borer Bollworm

Note:- In the information given in the chart, the spray schedule has been given keeping in mind the possible disease and Pest outbreak. To know more contact Kisan4U Dr.

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White Fly



Pod Bug



Yellow Mosaic



Pod Borer



Anthracnose



Powdery Mildew



Rust

9] Yield - 6 - 7 quintals/acre

KATRA[®]
FERTILIZERS

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