

SOYBEAN

INTRODUCTION:

- Soybean is one of the richest and cheapest sources of protein.
- Soybean is a staple in the diet of people and animals in many parts of the world.
- The seed contains 17 percent oil and 63 percent food, of which 50 percent is protein.
- Since soybeans do not contain starch, they are a good source of protein for diabetics.
- It is also a good source of riboflavin, thiamine and vitamins.
- Being a legume crop, it has the ability to fix atmospheric nitrogen (30-40 kg/ha).

1] Time of sowing -

Kharif - Monsoon onset (June-July)

2] Seed rate - Kharif :- 30 to 40 kg per acre

3] Spacing - 30 cm × 10 cm

4] Irrigation - as per requirement

5] Application of fertilizers (per acre)

FERTILIZERS	PER/ACRE	
	BESAL	25 DAS
FYM	10 t/acre	Mycorrhiza powder 100 gm/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:

DAYS	Growth Stages	FERTILIZERS	Potential Disease	Potential Pest
20 – 25	From sowing to planting	Katra Nano NPK 19-19-19 @ 200 gm acre + Katra nano micronutrient combi @ 50 g/acre	Fusarium wilt, Root rot	White fly, aphid, green mosquito
40 - 45	Vegetative growth stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @200 gm/acre + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre + fungus G @ 200gm/acre	Root rot, rust Charcoal Rot, Yellow Mosaic Downy Mildew,	White Mosquito, Green Mosquito, Green Mosquito, Stem Fly, Thrips, Aphid, Bollworm
60 - 65	Flowering stage	Katra Nano NPK Potassium Phosphate 00-52-34 @200 gm per acre + katra nano Micro nutrients combi (Mixed Chelated Micronutrients) @50gm/acre + Katra Nano Capsule (flower booster) @ 1 Caps/Acre	Powdery Mildew, Downy Mildew, Bacterial Blight, Alternaria	Whitefly, Thrips, Green mole, Yellow mosaic, Girdle beetle, Bihar hairy caterpillar
80 -85	Pod development / Maturity stage	Katra Nano NPK Potassium Nitrate 13-00-45 @ 200 gm per acre + Neembin 1000 EC 1.7 ml/l of water + Virumin (Curcumin 1.9% SL) @ 100 ml/acre + Fugicin (Allicin 1.9 % SL) @ 100 ml/acre	Cercospora, , Blight Powdery Mildew, Charcoal Rot Alternaria	Whitefly, Champa, Thrips, Gram pod borer, Girdle beetle 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



Aphid



Girdle beetle



Bihar hairy caterpillar



Gram pod borer



Anthracnose



Bacterial Blight



Alternaria



Charcoal Rot



yellow mosaic

9] Yield - 8 - 10 Qtl/acre



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