

POTATO

INTRODUCTION:

- Potato (*Solanum tuberosum*) is the world's most important food crop.
- Potato is a temperate crop grown in India in sub-tropical conditions.
- Potato is a crop that has always been a 'friend of the poor'.
- Potato is being cultivated in the country for more than 300 years.
- It has become one of the most popular crops in this country for vegetable purposes.
- Potato is an economical food; They provide a source of low-cost energy for the human diet.
- Potatoes are a rich source of Starch.
- Potatoes are used in many industries

1] Time of sowing -

- ❖ Hills:-
Summer - March - Apri
Autumn - August - September
Irrigated - January - February
- ❖ Plains:- October – November

2] Seed rate -

- ❖ 8-10 q/acre for small size tubers,
- ❖ 10-12 q/acre for medium size and
- ❖ 12-18 qtl/acre for large size tubers.

3] Spacing - Use disease free, well germinated tubers weighing 30-40 grams for planting.
Plant the tubers at a distance of 20 cm.

4] Irrigation - as per requirement

5] Application of fertilizers (per acre)

FERTILIZERS	Per acre	
	Basal	30 DAYS
FYM	10 t/acre	-
MYCORHIZA POWDER	100 gm/acre	100 gm
Urea [46-0-0]	50 Kg	100 Kg
DAP	80 Kg	50 Kg
SSP	100 Kg	50 Kg
MOP	50 Kg	50 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:

DAY	GROWTH STAGES	TREATMENT	POTENTIAL DISEASE	POTENTIAL PEST
15 – 30	From seedling to plant Establishment	Katra Nano NPK 19-19-19 @ 200 g/acre + Humus 100 @ 2 g/Lit + Katra nano micronutrient combi @ 50 g/acre	Fusarium wilt, root rot	white fly, aphid, green mosquito
30 - 60	Vegetative growth stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @200 gm/acre + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre + fungicin (Allicin 1.9% sl) @ 100ml/acre +	Wilting, Rust, Termites, Leaf Roll Virus, early blight, yellow mosaic, downy mildew,	White Mosquitoes, Nematodes, White Grubs, Cutworms, Thrips, Aphids, Bollworms
60 - 80	Potato tuber beginning stage	Katra Nano NPK Potassium Phosphate 00-52-34@200 gm per acre + katra nano micronutrients combi 50gm/acre + (Imida 19.8% Beta Cyhalothrin 8.49%) @ 1 ml/Ltr of water + (Tebuconazole 25.5% @ 1-1.5 ml/Lit of water + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Leaf roll virus, late blight, early blight, powdery mildew, downy mildew	Whitefly, Thrips, White Grub, Yellow Mosaic, Bollworms
80 -120	Potato development to maturity stage	Katra Nano NPK Potassium Phosphate 00-00-50 @ 200 gm Per Acre + virumin (Curcumin 1.9% sl) @ 100 ml/acre + fungus G @ 200 gm/acre	Scab, late blight, early blight, rust, brown spot disease, mosaic virus powdery mildew	Whitefly, White Grub, Termites, Cutworms, Thrips, Bollworms

Note:- The information given in the chart gives the spray schedule keeping in mind the possible disease and Pest outbreaks. For more details contact Kisan4U doctor

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white fly



aphid



white grub



nematodes



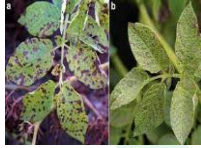
cutworm



scab



leaf disease virus



brown spot disease



early burns



late burn



mosaic virus

9] Yield - 10 - 12 tonne/acre

KATRA[®]
FERTILIZERS

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