

MAIZE

INTRODUCTION:

- Maize is one of the most versatile emerging crops with wide adaptability to various agro-climatic conditions
- Maize is the third most important food crop in India after paddy and wheat.
- Maize is cultivated in all the states of the country for different types of crops throughout the year eg:- cereals, green fodder, sweet corn, baby corn, pop corn
- Maize serves as a basic raw material
- As an ingredient in thousands of industrial products including starch, oil, protein, alcoholic beverage, food sweetener, pharmaceutical, cosmetic, film, textile, glue, package and paper industry etc.
- Feeding as food in poultry farming

1] Sowing time –

Kharif - June to July

Rabi - October to November

Zaiyad :- February to March

2] Seed rate - 6.5 to 7 kg per acre

3] Spacing - 60 cm × 25 cm

4] Irrigation - Weekly Interval as per requirement

5] Fertilizer application (per acre)

FERTILIZERS	Per acre	
	Basel	30 DAYS
FYM	15 t/ acre	-
Urea [46-0-0]	60 Kg	40 Kg
DAP or SSP	40 Kg	20 Kg
MOP	40 Kg	20 Kg
Zn		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 shedule:

DAY	GROWTH STAGES	TREATMENTS	POTENTIAL DISEASE	POTENTIAL PEST
15 - 20	From sowing to plant Establishment	Katra Nano NPK 19-19-19 @ 200 gm per acre + Katra nano micronutrient combi @ 50 g/acre	Seed and Seedling rot	White fly, aphid
30 - 45	Vegetative growth stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @ 200 gm/acre + Flamingo (Emamectin Benzoate 3% Thiamethoxam 12% SG) 0.5 to 1 g/Lit of water + Fungus-G 1.5 gm/Lit of water + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Leaf blight, downy mildew	White fly, stem borer, caterpillar
55 - 65	Tasseling and Silking Stage	Katra Nano NPK Potassium Nitrate 13-0-45@200 gm per acre + Zincotec (Zinc Oxide 39.5%) @ 2 ml/Lit of water + Banalarva (Emamectin Benzoate 5% SG) 4 gm/10 Ltr of water	Powdery Mildew, Leaf Blight	White fly, fall army worm, stem borer green mosquito, caterpillar
80 -85	Milking Stage	Katra Nano Potassium Phosphate 0-52-34@200 gm per acre + Neem extract Azadirachtin 1000 ppm EC 1.7 ml/Lit of water	Cercospora, Stem Rot	Stem fly, fall armyworm
100 - 115	Maturity stage	Flamingo (Emamectin Benzoate 3% Thiamethoxam 12% WDG) 0.4 - 1 g/Lit of water + Prosper @ 2-5 ml/Lit of water + Neembin 1000 EC 1.7 mL/L of water	Downy mildew, leaf blight	Termites, leaf borer, semilooper

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

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White fly



aphid



termite



stem borer



Leaf blight



downey mildew



cercospora



Fall armyworm

9] Yield - 5-6 tone/acre.

KATRA[®]
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