

SPECIAL REPORT

Basmati crop diseases & commonly used pesticides/ chemicals in 7 studied area

S.No.	Crop Stages	Diseases & Pests	Pesticides
1	Milking stage	Brown plant Hopper	Buprofezin 25 % SC - 330 ml/Acre
2	Tillering to heading stage	Sheath blight	Hexaconazole 5 % SC or Vaalidamycin 3 % L- 400 ml/ Acre
3	After flowering only	False smut	Propiconazole 1ml/litr water/acre
4	Late booting stage	Sheath Rot	Lamdacyclothrin 5 % - 250 ml/Acre
5	mid-tillering stage	Stem Rot	mancozeb or carbendazim @ 1.5–2.5g/litre
6	Observed 1-3 weeks after transplanting	Bacterial Leaf Blight	copper oxychloride 500 g + streptomycin 7.5 g in 500 litre/ha or Bectra - 20 gm
7	Seedling and adult stage	Blast	Tebuconazole - 200 ml /Acre
8	Appears in nursery & may also appear after 10–15 days of transplanting	Khaira	zinc sulphate (5 kg) and lime (2.5 kg) in 500 litres of waters after 10 days of sowing
9	15 - 25 Days after transplanting	Stem Borer, Leaf Folder	Cartap hydrochloride 4% Gr 7.5 to 10 Kg Per Acre

Note

- 1 This year no major occurrence of infestation happened in basmati growing areas
- 2 Current rainfall actually brings some chances of BPH but farmers applied Buprofezin for crop protection
- 3 This past two-three days rainfall was actually beneficial for the crop as it was anticipated by farmers at this basmati grain filling stage
- 4 No damage seen due to these shows as it was without any heavy winds

Our field team is on ground, monitoring the crop progress & its development. We will keep you posted on all the events which might impact the overall crop throughput