

आर्थिक वर्ष २०७२/७३ को जिल्लाको पेष्टम्याप

जिल्ला : रुपन्देही

1. Major Diseases of cereals , Fruits and Vegetables :

Sn	Group	Crops	Diseases					legend
			Name	causal organism	High	Medium	Low	
1	Cereals	Rice	Rice Blast	Pyricularia oryzae		√		
			Bacterial leaf Blight	Xanthomonas oryzae			√	
			Sheath Blight	Rhizoctonia solani		√		
			Brown leaf spot	Helminthosporium oryzae		√		
			False Smut	Ustilago spp			√	
			Foot Rot	Fusarium moniliformae			√	
			Khaira disease	Zinc deficiency	√			
		Wheat	Yellow Rust	Puccinia striiformis		√		
			Loose smut	Ustilago nuda			√	
		Maize	Leaf Blight	Helminthosporium tericcum			√	
			Maize rust	Puccinia sorghi			√	
2	Vegetables	Tomato	Late Blight	Phytophthora infestans	√			
			Early Blight	Alternaria solani		√		
			TMV	Tomato Mosaic virus	√			
		Potato	Late blight	Phytophthora infestans	√			
			Early Blight	Alternaria solani			√	
		Cabbage and cauliflower	Damping off	Pythium spp			√	
			Alternaria spot	Alternaria brassicola		√		
		cucurbits	Powdery Mildew	Erysiphe spp		√		
			Downey Mildew	—	√			
			CMV	Cucumber Mosaic virus	√			
3	Fruits	Mango	Anthraxnose	Colletotrichum gleosporioides		√		
		Banana	Heart rot	Fusarium spp	√			
			Leaf spot	Mycosphaera musicalacercospora musae	√			

2.Major Insects of cereals, Fruits and Vegetables

Sn	Group	Crops	Insects					
			Name	Scintific name	Severity			Index
					High	Medium	Low	
1	cereals	Rice/ Paddy	Rice Bug	Leptocorisa oratoriya		√		
			Rice stem borer	scipophaga incertulas	√			
			rice leaf roller	Cnaphaloerocis medinalis	√			
		Wheat	Termite	Microtermes obsi			√	
			Aphid	Rhopaleosiphum maidis		√		
		Maize	Cut Worm	Agrotis sps			√	
			Stem Borer	Chillopartellus	√			
			Maize Aphids	Rhopalosiphum maidis			√	
2	Oil crops	Mustard	Aphids	Lipaphi serisimi	√			
3	Vegeta bles	Potato	Potato Tuber Moth	Phthotimaea opercullella			√	
			Cut worm	Agrotis segetum			√	
		Tomato	"Tomato Fruit Borer	Heliothis armigera	√			
		Cabbag e and cauliflow er	Cabbage Butterfly	Pieris brassaica	√			
			Aphids	Lipaphis erisini		√		
		Cucurbit s	Red Pumpkin Beetle	Aulacophora foveicollis	√			
			Fruit fly	Dacus cucurbitae	√			
		Brinjal	Spot and Friut borer	Leucinodes arbinalis	√			
		Mango	Mango hopper	Amaritodus atknisori		√		
4	Fruits		Mango Millibug	Drosicha mangifera	√			
			Mango Fruit Fly	Dacus dorsalis			√	
		Banana	Banana stem weevil	Odioparus longicallis		√		
			Leaf and Fruit Searing Beetle	Nodostoma viridipennis		√		
		Litchi	Leaf curl Mite	Esiophyes litchi		√		

3. Major weeds of cereals, Fruits and Vegetables :

Sn	Group	Crops	weeds				
			Name	Causal organism	Severity		
					High	Medium	Low
!	cereals	Rice	Mothe	Cyperus spp		√	
			Dubo	Cynodon dactylon		√	
			Gandhe	Ageratom sps			√
			Sama	Enhinochloa sps	√		
			Banso	Digitaria sps			√
		Maize	Banso	Digitaria sps			√
			Bethe	chenopodium album			√
			Dubo	Cynodon dactylon			√
		Wheat	Mothe	Cyperus spp			√
			Bethe	chenopodium album		√	
			Dubo	Cynodon dactylon			√
2	Oil seed	Mustard	Bethe	chenopodium album		√	
			Dubo	Cynodon dactylon	√		
3	Vegetable	all	Banso	Digitaria sps			√
			dubo	Cynodon dactylon			√
			sama	Enhinochloa sps			√
			Gandhe	Ageratom sps			√