

State: Jammu and Kashmir

Agriculture Contingency Plan for District: Jammu

1.0 District Agriculture profile		
1.1	Agro-Climatic/Ecological Zone	
	Agro Ecological Sub Region (ICAR)	Western Himalayas, Warm Subhumid (To Humid With Inclusion Of Perhumid) Eco-sub region. (14.2)
	Agro-Climatic Zone (Planning Commission)	Western Himalayan Region (I)
	Agro Climatic Zone (NARP)	Mid to High Altitude Intermediate Zone (JK-2) & Mid to High Altitude Temperate Zone (JK-3)

Annexure-I

JAMMU AND KASHMIR





2.0 Strategies for weather related contingencies

2.1 Drought

2.1.1 Rainfed situation (POONCH)

Condition			Suggested Contingency measures		
Early season drought (delayed onset)	Major Farming situation	Normal Crop / Cropping system	Change in crop / cropping system including variety	Agronomic measures	Remarks on Implementation
Delay by 2 weeks Normal: 15 April Delay: 30 April	Temperate region	Maize (Hybrid: Kanchan-517, Pro-agro 4794, Bio-maize) + Rajmash (Local)	<ul style="list-style-type: none"> ➤ Maize (Composite: C2, C6, Him-123) + Rajmash (Local) ➤ Maize (C-15, Local tall) + Rajmash (Local) ➤ Maize (Composite: C2, C6, Him-123) + potato (Gulmarg special) 	<ul style="list-style-type: none"> • Maize : Rajmash, 6 lines of maize : 1 line of rajmash. • Fertilizer dose (N = 60, P₂O₅ = 40, and K₂O = 20 kg/ha) should be reduced by 25% (i.e. N = 45; P₂O₅ = 30; and K₂O = 15 kg/ha). 	
		Rainfed rice	<ul style="list-style-type: none"> ➤ Rice (Local Banzi, K-443, K-78) 	<ul style="list-style-type: none"> ➤ Direct sowing is preferable. ➤ More seed rate. 	
Intermediate region	Maize (Hybrid: Kanchan-517, Pro-agro 4794) + Rajmash	<ul style="list-style-type: none"> ➤ Maize + Rajmash ➤ Maize (Composite: C-5, C-8) + Potato 	As above.		
	Tomato (off-season)	<ul style="list-style-type: none"> ➤ Tomato (Marglove) 			
	Black gram/ Green gram				
	Rainfed rice	<ul style="list-style-type: none"> ➤ Rice (Giza-14, K-39, K-343, China-1039) 	<ul style="list-style-type: none"> ➤ Direct sowing is preferable. ➤ More seed rate. 		
Normal: 21-30	Sub-	Maize	<ul style="list-style-type: none"> ➤ Intercropping of maize + 		

June Delay: 15 July	Tropical region		cowpea.		
		Green gram/ black gram			
		Bajra			
		Sesame	Black gram + Sesame		
		Rainfed rice	K-39, K-343, China-1039	➤ Direct sowing is preferable. ➤ More seed rate.	

- 1) Maize is normally sown by 15 April (*Baisakhi maize*) in Temperate region.
- 2) Off-season pea is sown on April/May in Temperate areas.
- 3) In case of delay rainfall, use composite maize; with further delay use local cultivar of maize.
- 4) Temperate (April-Maize), Intermediate (May-Maize), Sub-tropical (June-Maize).
- 5) Under temperate, April rain occurs/melted snow offered moisture.

Condition	Major Farming situation	Normal Crop / Cropping system	Suggested Contingency measures		
			Change in crop / cropping system including variety	Agronomic measures	Remarks on Implementation
Early season drought (delayed onset)	Temperate region	Maize + Rajmash			
		Rainfed Rice			
	Intermediate region	Maize + Rajmash	Maize + Potato		
		Tomato (off-season)	Tomato (Any Hybrid)		
		Black gram			
		Rainfed Rice	K-39, K-343, China-1039		
	Sub-Tropical region	Maize			
		Green gram/ black gram			
		Bajra			

		Sesame			
		Rainfed Rice	K-39, K-343, China-1039		

*** Part-1 and Livestock part (2.5) under preparation and it will resubmit after completion**