

**State: Jammu and Kashmir**  
**Agriculture Contingency Plan for District: Kistwar**

<b>1.0 District Agriculture profile</b>		
<b>1.1</b>	<b>Agro-Climatic/Ecological Zone</b>	
	<b>Agro Ecological Sub Region (ICAR)</b>	Western Himalayas, Warm Subhumid (To Humid With Inclusion Of Perhumid) Eco-Region(14.1)
	<b>Agro-Climatic Zone (Planning Commission)</b>	Western Himalayan Region (I)
	<b>Agro Climatic Zone (NARP)</b>	Cold Arid Zone (JK-4)

**Annexure-I**

*JAMMU AND KASHMIR*





## 2.0 Strategies for weather related contingencies

### 2.1 Drought

#### 2.1.1 Rainfed situation (KISTWAR)

Condition	Major Farming situation	Normal Crop / Cropping system	Suggested Contingency measures		Remarks on Implementation
			Change in crop / cropping system including variety	Agronomic measures	
<b>Early season drought (delayed onset)</b> <u>Delay by 2 weeks</u> Normal: 15 April Delay: 30 April	<b>Temperate region</b>	<b>Maize</b> (Hybrid: Kanchan-517, Pro-agro 4794) + <b>Rajmash</b> (Local)	➤ <b>Maize</b> (Composite: C2, C6, Him-123) + <b>Rajmash</b> (Local) ➤ <b>Maize</b> (C-15, Local tall) + <b>Rajmash</b> (Local)	• Maize : Rajmash 8 : 1 • Fertilizer dose (N = 60, P <sub>2</sub> O <sub>5</sub> = 40, and K <sub>2</sub> O = 20 kg/ha) should be reduced by 25% (i.e. N = 45; P <sub>2</sub> O <sub>5</sub> = 30; and K <sub>2</sub> O = 15 kg/ha).	
		<b>Rainfed rice</b>	➤ <b>Rice</b> (Local Banzi, K-443, K-78)	➤ Direct sowing is preferable. ➤ More seed rate.	
Normal: 15 May Delay: 30 May	<b>Intermediate region</b>	<b>Maize</b> (Hybrid: Kanchan-517, Pro-agro 4794) + <b>Rajmash</b>	➤ <b>Maize + Rajmash</b> ➤ <b>Maize</b> (Composite: C-5, C-8) + Potato	As above.	
		<b>Tomato (off-season)</b>	➤ <b>Tomato</b> (Marglove)		
		<b>Black gram/ Green gram</b>			
		<b>Rainfed rice</b>	➤ <b>Rice</b> (Giza-14, 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			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 4 weeks (15 May)*	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		

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