

## State: Jammu and Kashmir

### Agriculture Contingency Plan for District: Ramban

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-Region(14.1)
	Agro-Climatic Zone (Planning Commission)	Western Himalayan Region (I)
	Agro Climatic Zone (NARP)	Mid to High Altitude Intermediate Zone (JK-2) & Low Altitude Sub-Tropical Zone (JK-1)

#### Annexure-I

#### JAMMU AND KASHMIR





## 2.0 Strategies for weather related contingencies

### 2.1 Drought

#### 2.1.1 Rainfed situation (RAMBAN)

Condition			Suggested Contingency measures			
Early season drought (delayed onset)	Major Farming situation <sup>a</sup>	Normal Crop / Cropping system <sup>b</sup>	Change in crop / cropping system <sup>c</sup> including variety	Agronomic measures <sup>d</sup>	Remarks on Implementation <sup>e</sup>	
<b>Delay by 2 weeks</b>  <b>Normal: 15 April</b> <b>Delay: 30 April</b>	Temperate region	Maize (Hybrid: Kanchan-517, Pro-agro 4794) + Rajmash (Local)	<ul style="list-style-type: none"> <li>➤ Maize (Composite: C2, C6, Him-123) + Rajmash (Local)</li> <li>➤ Maize (C-15, Local tall) + Rajmash (Local)</li> </ul>	<ul style="list-style-type: none"> <li>• Maize : Rajmash 8 : 1</li> <li>• 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).</li> </ul>		
		Irrigated rice	➤ Rice	➤		
	<b>Normal: 15 May</b> <b>Delay: 30 May</b>	Intermediate region	Maize (Hybrid: Kanchan-517, Pro-agro 4794) + Rajmash	<ul style="list-style-type: none"> <li>➤ Maize + Rajmash</li> <li>➤ Maize (Composite: C-5, C-8) + Potato</li> </ul>		As above.
			Tomato (off-season)	➤ Tomato (Marglove)		
		Black gram/ Green gram				

- 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.

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