

## Contingency plans in case of delayed monsoon in Vidarbha region-2014

Region	Districts	Normal onset date of monsoon	Normal crop/ Cropping system	Normal sowing window	Suggested contingency crops/ cropping systems and cultivars		
					Delay by two weeks (June 4 <sup>th</sup> week)	Delay by four weeks (July 2 <sup>nd</sup> week)	Delay by six weeks (July 4 <sup>th</sup> week)
Vidarbha	Akola Amravati Buldhana Washim Yavatmal Wardha Nagpur Bhandara Gondia Chandrapur Gadchiroli	11- 17 June (24 MW)	Cotton	2 <sup>nd</sup> week of June to 30 <sup>th</sup> June	<b><u>COTTON :</u></b>  <ul style="list-style-type: none"> <li>• Preferably on deep &amp; medium black soils</li> <li>• Normal package of practices for sole cotton or follow Cotton+pigeonpea (6:2)</li> </ul>	<b><u>COTTON :</u></b>  <ul style="list-style-type: none"> <li>• Prefer early varieties/hybrids of American and Deshi cotton</li> <li>• Use 20 % more than recommended seed rate and reduce intra-row spacing.</li> <li>• Include green gram, black gram, soybean, pigeonpea as intercrops</li> <li>• Follow three tier intercropping of cotton:sorghum:pigeonpea:sorghum at 6:1:1:1 or 3:1:1:1</li> </ul>	<b><u>COTTON :</u></b>  <ul style="list-style-type: none"> <li>• Avoid sowing of cotton. Otherwise use only short duration Deshi varieties with 25 to 30% more seed rate and reduced intra-row spacing.</li> <li>• Reduce fertilizer dose by 25%.</li> </ul>
			Soybean	2 <sup>nd</sup> week of June to 15 <sup>th</sup> July	<b><u>Soybean:</u></b> <ul style="list-style-type: none"> <li>• Normal package of practices for sole soybean or follow Soybean+pigeonpea (4:2)</li> </ul>	<b><u>Soybean:</u></b> Normal package of practices for sole soybean. Use JS-335, JS 9305 or TAMS 98-21 with seed rate of 75 to 80 kg/ha. Follow soybean+pigeonpea (4:2) intercropping.	<b><u>Soybean:</u></b> Avoid sowing of soybean (JS-335, JS 9305) after 25 <sup>th</sup> July. Preferably follow soybean+pigeon pea intercropping(4:2)
			Sorghum	2 <sup>nd</sup> week of June to 10 <sup>th</sup> July	<b><u>Sorghum:</u></b> <ul style="list-style-type: none"> <li>• Normal package of practices for sole sorghum. Prefer Sorghum + pigeonpea (3:3)</li> </ul>	<b><u>Sorghum:</u></b> Use CSH-9/CSH-14/CSH-18/CSH-16 varieties of sorghum. Use 20-25% more than recommended seed rate. Prefer Sorghum + pigeonpea (3:3) intercropping.	<b><u>Sorghum:</u></b> Avoid sowing of sorghum.
			Pigeon pea	2 <sup>nd</sup> week of June to 1 <sup>st</sup> week of July	<b><u>Pigeonpea:</u></b> <ul style="list-style-type: none"> <li>• Normal package of practices for sole pigeonpea.</li> <li>• Generally preferred intercrop with cotton(6:2) and soybean(4:2)</li> </ul>	<b><u>Pigeonpea:</u></b> Pigeonpea sole (AKT-8811, Vipula, PKV-Tara, BSMR 736)	<b><u>Pigeonpea:</u></b> Sole pigeonpea (AKT-8811, Vipula, PKV-Tara, BSMR 736). Adopt closer spacing (60x30cm)
			Green gram	2 <sup>nd</sup> week of June to 30 <sup>th</sup> June	<b><u>Green gram, black gram</u></b> <ul style="list-style-type: none"> <li>• Preferably on shallow black soils with normal package of practices</li> </ul>		
			Black gram	2 <sup>nd</sup> week of June to 30 <sup>th</sup> June			
			Maize	2 <sup>nd</sup> week of June to 1 <sup>st</sup> week of July	<b><u>Maize:</u></b> <ul style="list-style-type: none"> <li>• Normal package of practices for sole Maize</li> </ul>	<b><u>Maize:</u></b> <ul style="list-style-type: none"> <li>• Intercrop with cotton(6:2), soybean(4:2) or sorghum ((3:3).</li> </ul>	

						<p><b><u>Green gram, black gram</u></b></p> <ul style="list-style-type: none"> <li>• Include as intercrops with slightly higher seed rate. Cotton+greengram/blackgram (1:1). Preferably replace green gram with blackgram.</li> </ul> <p><b><u>Maize</u></b></p> <ul style="list-style-type: none"> <li>• Normal package of practices for sole Maize</li> </ul>	<p><b><u>Green gram, black gram</u></b></p> <ul style="list-style-type: none"> <li>• Avoid sowing of greengram/blackgram</li> </ul> <p><b><u>Alternative crops:</u></b></p> <ul style="list-style-type: none"> <li>• Alternative crops include sunflower (PKV SF-9, PKVSH-27, Morden), Pearl millet (PKV Raj, Shradha, Saburi) Sesame (AKT-64), Castor (AKC-1, GCH-4,5,6, DCH-117,32), Pearl millet+pigeonpea (2:1 or 4:2).</li> </ul>
			Rice	2 <sup>nd</sup> week of June to 4 <sup>th</sup> week of July	<p><b><u>Rice:</u></b></p> <ul style="list-style-type: none"> <li>• Normal package of practices, transplanted bandi system. (SKL-6, PKV-Makrand, PKV-Ganesh, PKV-HMT, SYE-2001).</li> <li>• Pigeonpea on rice bunds</li> </ul>	<p><b><u>Rice:</u></b></p> <ul style="list-style-type: none"> <li>• Prefer early and mid-late varieties (SKL-6, PKV-Makrand, PKV-Ganesh, PKV-HMT, SYE-2001, Sindewahi-1, Sindewahi-75).</li> <li>• Pigeonpea, Sesame, Dolichoc (Popatwal) on rice bunds</li> </ul>	<p><b><u>Rice:</u></b></p> <ul style="list-style-type: none"> <li>• Drilled rice with early varieties.</li> <li>• Alternative crops include sunflower, sesame and late kharif pigeonpea(C-11).</li> </ul>