

## Technology developed and recommended

Sr. No	Recommendations
1	<p><b>Rice Recommendation (Year 2015-16)</b> The farmers of Nawagam and Thasra area of middle Gujarat Agro-Climatic Zone-III growing paddy (GAR-13) are recommended to fertilizer the crop with 120 kg N/ha. whereas farmers of Dabhoi area 100 kg N/ha only to get higher yield and net return.</p>
2	<p><b>Water Management (Year 2007-08) Wheat:</b> The farmers of Middle Gujarat agroclimatic zone-III (AES-III) cultivating wheat crop (var. GW-496) in Narmada command area are advised to irrigate their crop with 5 (five) canal irrigation of 60 mm depth to achieve higher yield and net profit. If canal water is not available at later stage of the crop, they can irrigate their crop with one tube well irrigation which is also economically beneficial</p>
3	<p><b>Water Management in Mustard (Year 2005-06)</b> The farmers of Middle Gujarat agroclimatic zone-III (AES-III) cultivating mustard crop (var. GM-2) in Narmada command are advised to irrigate the crop at sowing, node elongation, flowering and pod development stages with 5 cm depth to get higher net return. Use of black plastic mulch gave higher yield; but not economical.</p>
4	<p><b>Water Management in Gram (Year 2005-06)</b> The farmers of Middle Gujarat agroclimatic zone-III (AES-III) cultivating gram crop (var. GG-2) in Narmada command are advised to irrigate the crop with canal irrigation at branching stage to get higher yield as well as higher net profit.</p>
5	<p><b>Water Management in Wheat (Year 2005-06)</b> The farmers of Middle Gujarat agroclimatic zone-III (AES-III) cultivating wheat crop (var. GW-496) in Narmada command are advised to irrigate the crop with canal irrigation of 60 mm depth at critical growth stages of CRI, grain filling, milking and dough stages besides one irrigation at sowing to achieve higher yield and net profit. In order to save the water, four irrigations at sowing, CRI, flowering and dough stages are also advised</p>
6	<p><b>Bio-fertilizer in Gram (Year 2004-05)</b> The farmers of Middle Gujarat Agroclimatic Zone-III cultivating gram crop (GG-2) are advised to add an application of 75 per cent recommended phosphorus fertilizer @ 30 kg/ha and phosphor bacterin culture with adequate organic manure as a basal treatment in conjunction with irrigation in two stages (<i>i. e.</i> branching and pod formation) for getting higher yield as well as higher net profit.</p>