

Technology developed and recommended

Sr. No	Recommendations
1	<p>Nutrient management through organic sources in vegetable cluster bean var. Pusa Navbahar</p> <p>The farmers of middle Gujarat agro-climatic zone cultivating vegetable cluster bean late kharif season organically are recommended to apply N equivalent of 20 kg/ha through FYM (2.0 t/ha) or castor cake (565 kg/ha) for getting higher yield and net return.</p>
2	<p>Nutrient management through organic sources in summer green gram (Vigna radiata L.) var. GAM 5</p> <p>The farmers of middle Gujarat Agro climatic zone growing summer greengram (GAM-5) organically are recommended to apply either 4.0 t/ha FYM +0.5 t/ha Vermicompost or 2.0 t/ha FYM+0.25 t/ha Vermicompost to get higher yield of net realization. (2020)</p>
3	<p>Performance of different varieties of potato under different spacing for middle Gujarat.</p> <p>The farmers of middle Gujarat Agro climatic zone III growing potato are advised to grow Kufri Pukhraj variety at 45 x 20 cm spacing for getting higher yield and net realization. (2019)</p>
4	<p>Determination of effective planting time for potato cultivars under middle Gujarat conditions</p> <p>The farmers of middle Gujarat Agro climatic zone III growing potato crop are advised to plant their potato crop in 2nd week of November to 4th week of November with Kufri Pukhraj variety to get higher income and net realization. (2018)</p>
5	<p>Integrated nutrient management in potato var. Kufri Badshah</p> <p>The farmers of middle Gujarat Agro climatic zone III growing potato crop are advised to fertilize their crop with 260-130-260 NPK kg/ha in addition to this apply poultry manure @ 3 t/ha and in case of unavailability of poultry manure, apply FYM @ 20 t/ha to get higher net return (50% Nitrogen as basal and remaining 50% at the time of earthing up and poultry manure should be apply 20 days before planting). (2015).</p>
6	<p>Assessment of Natural Organic Liquid (NOL) and inorganic nutrient supply system on yield and quality of potato cv.K. Badshah</p> <p>The farmers of middle Gujarat Agro-climatic zone III growing potato are recommended to apply RDF (220-110-220 NPK kg ha⁻¹) along with application of FYM @20 t ha⁻¹ and seed treatment with AAU PGPR consortium @ 1 l/ha of tuber for securing higher yield and net return. Application of NOL was not found beneficial. (2015)</p> <p>Note : *PGPR Consortium : [Azotobacter chocoocum (ABA1) + Azospirillum lipoferum (ASA-1) + Bacillus coagulans (PBA-16) + Bacillus sp. ** NOL : Cow dung + cow urine + jaggery + buttermilk + pulse flour + soil under Baniyaan tree</p>