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Navsari, 25<sup>th</sup> October, 2016

To,

The Director of Research and  
Dean, PG Studies,  
Navsari Agricultural University,  
Navsari.

**Sub.: Proceedings of the Sixth meeting of Board of Studies for Natural  
Resource Management held on 29<sup>th</sup> September, 2016.**

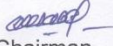
Respected Sir,

Please find enclosed here with the proceedings of the Sixth meeting of  
Board of Studies for Natural Resource Management held on 29<sup>th</sup> October, 2016 at  
Seminar Hall, N. M. College of Agriculture, N.A.U., Navsari.

Moreover, all the concerned members are requested to take necessary  
actions on the remarks/suggestions pertaining to the PG research work and send  
the action taken report to the undersigned.

Thanking you,

Encl.: As above

  
Chairman,  
Board of Studies-NRM &  
Professor and Head,  
Department of Soil Science and Agril. Chem.,  
N. M. College of Agriculture,  
NAU, Navsari.

Copy submitted with respect to:

1. PS to The Hon'ble Vice Chancellor, Navsari Agricultural University, Navsari.
2. The Principal & Dean, N. M. College of Agriculture, Navsari Agricultural University, Navsari.
3. The Principal and Dean, ASPEE College of Horticulture and Forestry, Navsari Agricultural University, Navsari.
4. The Principal, College of Agriculture, Navsari Agricultural University, Bharuch.
5. The Principal, College of Agriculture, Navsari Agricultural University, Waghai.
6. All the Concerned Members of Board of Studies (NRM Subgroup), Navsari Agricultural University, Navsari for further necessary action.

**Proceedings of the Sixth Meeting of Board of Studies for Natural Resource Management held on 29<sup>th</sup> September, 2016**

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The Sixth Meeting for Board of Studies - NRM Sub Group was held at Seminar Hall, N. M. College of Agriculture, N.A.U., Navsari on September 29<sup>th</sup>, 2016. The inaugural function was presided by the Honorable Vice Chancellor, Dr. C. J. Dangaria and the function was graced by the presence of Dr. M. K. Arvadia, Principal and Dean, N. M. College of Agriculture, Dr. Sunil Choudhary, Associate Director of Research, Dr. J. D. Thanki, Professor and Head, Department of Agronomy; Dr. A. Das, Research Scientist, Soil Science Department and Dr. G. G. Patel, Convener, Board of Studies-NRM Group. The Professors and Scientists of NRM Group from Main and Substations of Navsari Agricultural University also participated in the aforesaid meeting.

The meeting was started with a floral welcome by Dr. G. G. Patel, Convener, Board of Studies-NRM Group to the Dr. C. J. Dangaria, Honorable Vice Chancellor and Dr. M. K. Arvadia, Principal and Dean (Agriculture), Dr. Sunil Choudhary (ADR) and briefed about the background, mandates, activities and achievements during last year of NRM group. The action taken report of last year Fifth BOS-NRM meeting was also presented by Dr. G. G. Patel in his welcome address.

While giving the opening remarks, Dr. M. K. Arvadia, Principal and Dean (Agriculture) emphasized on the need to evaluate management practices for gaining food security under adverse climatic conditions besides sustaining biodiversity. Moreover, Dr. M. K. Arvadia congratulated the students who have qualified in various competitive examinations like NET, ICAR-JRF/SRF and those awarded DST inspired fellowships last year. Dr. M. K. Arvadia had also instructed all the PG teachers/advisors to ensure proper filling of PG forms and strictly follow deadlines in the course mapping as well as submission of online PG results.

Dr. Sunil Choudhary, Associate Director of Research in his special remarks called upon to work on eco friendly management practices in different crops particularly pulses and vegetables and strategies to combat climate change. Dr. Sunil Choudhary had also pointed for proper revision of PG examiner list with correspondence information to speed up PG evaluation processes.

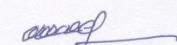
Dr. C. J. Dangaria, Vice Chancellor in his presidential address, appreciated the efforts of NRM group working in pursuit of conserving natural resources. Dr. C. J. Dangaria stressed on need to conduct extra coaching classes in order to gain better and excellent results in JRF, SRF and NET exams. Dr. C. J. Dangaria also encouraged the teachers to develop and modify teaching techniques to generate curiosity in the students; thereby improving teaching quality of the university. Dr. C. J. Dangaria had also called upon for the innovative and novel research works in view of present current agriculture scenario and research work conducted should have significant contribution in increasing the GDP of the nation.

After the inaugural addresses, department wise presentations were made by the departments of Soil Science & Agricultural Chemistry, Agricultural Meteorology and Agronomy, N. M. College of Agriculture, ASPEE College of Horticulture and Forestry and CoA, Bharuch and Waghai regarding departmental activities along with highlighting significant achievements.

After inaugural session, first technical session was conducted for discussing PG research proposals of students from Soil Science & Agril. Chemistry and Agricultural Meteorology. Wherein, one Ph.D. and eleven M.Sc. (Agri.) students of Soil Science and Agril. Chemistry; two M. Sc. (Agri.) students (Agricultural Meteorology) presented respective PG research proposals in the first technical session.

While in the afternoon session, PG research proposals of Agronomy discipline was presented and discussed in the second technical session. The PG research proposals of six Ph.D. and twenty seven M. Sc. (Agri.) students of Agronomy were discussed in second technical session (Afternoon). All the PG research proposals were thoroughly discussed and remarks were reported by the respective rapporteurs.

The meeting was wrapped up by the vote of thanks given by Prof. Jaimin Naik.



(G. G. Patel)

Chairman, Board of Studies-NRM &  
Professor and Head,  
Department of Soil Science and Agril. Chem.,  
N. M. College of Agriculture, NAU, Navsari.



(M. K. Arvadia)  
Principal & Dean,  
N. M. College of Agriculture,  
Navsari Agricultural University,  
Navsari

PROCEEDINGS OF THE 6<sup>TH</sup> NATURAL RESOURCE MANAGEMENT - BOARD OF STUDIES MEETING HELD ON  
 SEPTEMBER 29-30, 2016 AT SEMINAR HALL, N.M. COLLEGE OF AGRICULTURE, NAVSARI

Technical session I: Soil Science and Agricultural Chemistry, Agricultural Meteorology

Chairman : Dr. M. K. Arvadia, Principal

Rapporteurs : 1) Dr. L. J. Desai, Assoc. Res. Scientist

Co-chairman : Dr. A. Das, Professor

2) Dr. J. M. Patel, Assoc. Res. Scientist

SN	Title of Research Problem	Presented by	Suggestions
1	Persistence and dissipation behaviour of soil applied insecticides in sugarcane and its effect on soil properties	Lokesh Kumar Saini, Ph.D. students <b>Major Guide :</b> Dr. K. G. Patel	<ul style="list-style-type: none"> <li>Delete note given after treatments details</li> <li>Confirm the rate of pesticides</li> </ul>
2	Effect of organics on yield and quality of Broccoli and soil properties ( <i>Brassica oleracea var italica</i> )	Jagdeesh B. R., M. Sc. (Agri.) <b>Major Guide :</b> Dr. G. G. Patel	<ul style="list-style-type: none"> <li>Add control "O<sub>0</sub>" in (A. Solid organic manures) and "L<sub>0</sub>" in (B. Liquid organic manures)</li> <li>Remove L<sub>3</sub>: Amrut Pani treatment</li> <li>"O<sub>2</sub>": 50 % RDN through Nadep Compost</li> <li>"O<sub>4</sub>": 50 % RDN through Vermi Compost</li> <li>Add Head volume in observation</li> <li><b>Modify title:</b> Effect of organics on yield and quality of broccoli (<i>Brassica oleracea var italica</i>) and soil properties.</li> </ul>
3	Effect of organics on yield and quality of sweet corn ( <i>Zea mays L. var Saccharata Sturt</i> ) and soil properties	Khuwaja Safiullah, M. Sc. (Agri.) <b>Major Guide :</b> Dr. G. G. Patel	<ul style="list-style-type: none"> <li>Scientific name should be in italic</li> <li>Add control "L<sub>0</sub>" in liquid organic manures</li> <li>Correct the spelling of "Panch Gavya"</li> <li>Specify the methods of liquid organic application</li> </ul>
4	Spatial distribution of moisture and nutrient under different drip design and fertigation level in cabbage ( <i>Brassica oleracea</i> ) grown on clay soil of south Gujarat	Sandip Patel, M. Sc. (Agri.) <b>Major Guide :</b> Dr. J. M. Patel	<ul style="list-style-type: none"> <li>Use the word "grown" instead of "grow" in title</li> </ul>

5	Compatibility and feasibility evaluation of Zinc and Biofertilizer application in wheat	Nithin S., M. Sc. (Agri.) <b>Major Guide :</b> Dr. Punit Mehta	<ul style="list-style-type: none"> <li>Recast the title in consultation with Dr. A. Das</li> <li>Delete the observation of plant height at 10 DAS</li> <li>Add numbers of effective tillers at harvest</li> <li>Delete the word "initial" from plant analysis</li> <li><b>Recast title:</b> Effect of organics on growth, yield and quality of summer vegetable cluster bean under organic farming system</li> </ul> <p><b>Correct in treatment:</b></p> <ul style="list-style-type: none"> <li>L<sub>1</sub>: Enriched banana pseudostem sap (1%),</li> <li>L<sub>3</sub>: Vermiwash bed wash (3%)</li> </ul> <p><b>Add observations:</b></p> <ul style="list-style-type: none"> <li>Numbers of picking and picking wise green pod yield</li> <li>Plant analysis: nutrients content in pod and straw</li> </ul> <p><b>Add in soil analysis:</b></p> <ul style="list-style-type: none"> <li>Soil nutrients status : Initial and after last picking or after incorporation of crop residue .</li> <li>BD instead of porosity at initial and after harvest</li> </ul>
6	Effect of organics on growth, yield and quality of summer cluster bean under organic farming system	Chaudhari Snehakumari M. Sc. (Agri.) <b>Major Guide :</b> Dr. A. P. Italiya	<ul style="list-style-type: none"> <li>Recast title</li> <li>Correct the rate of vermicompost @2.5 t/ha instead of 5 t/ha</li> <li>Consult statistician (committee member) to decide plot size of treatment.</li> </ul> <p><b>Quality parameters:</b></p> <ul style="list-style-type: none"> <li>leaf moisture, leaf protein content, fibre content is required only in case of fresh vegetable purpose.</li> <li>In case of seed purpose protein content in seed only</li> </ul>
7	Effect of organic sources on growth, yield, quality and soil properties of fenugreek ( <i>Trigonella foenumgraceum</i> ) grown in vertisols	Lunagariya Dhara Devchandbhai, M. Sc. (Agri.) <b>Major Guide :</b> Dr. V. J. Zinzala	

8	Comparison of <i>ex situ</i> and <i>in situ</i> persistence of fipronil and its metabolites in clay soils	Baldaniya Dharmesh M., M. Sc. (Agri.) <b>Major Guide :</b> Dr. Susheel Singh	<b>Add in observations</b> <ul style="list-style-type: none"> <li>Initial soil physical properties</li> <li>In Sub Experiment-3, select sugarcane field</li> </ul>
9	Effect of land configuration and nutrient management on growth, yield and soil properties of carrot under organic farming	Brijeshchandra Solanki, M. Sc. (Agri.) <b>Major Guide:</b> Dr. A. R. Kaswala	<ul style="list-style-type: none"> <li>Correction in Title: Effect of land configuration and nutrient management on growth and yield of carrot and on soil properties under organic farming</li> <li>In treatment: mention Ridges and Broad bed size and accordingly modify the plot size after consultation with statistician (committee member)</li> </ul> <b>Observations:</b> <ul style="list-style-type: none"> <li>Delete canopy cover</li> <li>Add initial and after harvest soil properties</li> <li>Consult to Dr. A. Das and finalize treatments of enrichment in experiment</li> </ul>
10	Resources based composting method for production of enriched organic manure	Mr. Ravi, M. Sc. (Agri.) <b>Major Guide:</b> Dr. A. R. Kaswala	<ul style="list-style-type: none"> <li>Recast objectives</li> <li>Mention dose of fertilizer</li> </ul>
11	Effect of sulphure and zinc with and without organics on growth ,yield and quality of fodder sorghum variety CSV-21F under South Gujarat conditions	Chaudhary Prakhshbai P., M. Sc. (Agri.) <b>Major Guide:</b> Dr. K. H. Patel	<ul style="list-style-type: none"> <li>Recast title: Effect of organic sources and water regimes on nitrogen transformation in rice grown on clay soil of South Gujarat</li> <li>Take field experiment during <i>kharif</i> accordingly modify design of experiment</li> <li>Consult statistician (committee member)</li> </ul>
12	Effect of organic sources and water regimes on nitrogen transformation in paddy grown on clay soil of South Gujarat	Mangukiya Ajaykumar G., M. Sc. (Agri.) <b>Major Guide :</b> Dr. D. P. Patel	

13	Calibration and validation of DSSAT model for climate change studies at South Gujarat ( <i>Cicer arietinum</i> L.)	Patel Keyur Ghanshyambhai, M. Sc. (Agri.) <b>Major Guide:</b> Dr. Neeraj Kumar	<ul style="list-style-type: none"> <li>• Add " chick pea" word in <b>the title</b></li> <li>• Mention the weekly sowing date at 15 days interval</li> <li>• Number of replications should be 4 (four)</li> <li>• Reduce plot size</li> <li>• Crop spacing should be 30 x 10 cm</li> <li>• Consult committee members under chairmanship of Dr.H.R. Pandya &amp; Dr. A. Das before finalization of experiment</li> </ul>
14	Detailed analysis of rainfall for selected districts of Gujarat	Subhra Sahoo, M. Sc. (Agri.) <b>Major Guide:</b> Dr. Neeraj Kumar	<ul style="list-style-type: none"> <li>• Recast the title</li> </ul> <b>Objectives:</b> <ul style="list-style-type: none"> <li>• Delete first objective</li> </ul>

PROCEEDINGS OF THE 6<sup>TH</sup> NATURAL RESOURCE MANAGEMENT BOARD OF STUDIES MEETING HELD ON  
SEPTEMBER 29-30, 2016 AT SEMINAR HALL, N.M. COLLEGE OF AGRICULTURE, NAVSARI

Technical session II: Agronomy

Chairman : Dr. M.K. Arvadia, Principal & Dean                      Rapporteurs : 1. Dr. R.B. Ardeshta, Associate Professor  
Co-chairman : Dr. J.D. Thanki, Professor & Head (Agronomy)                      2. Dr. A.R. Kaswala, Associate Professor

Sr No	Title	Presented by	Major Advisor	Suggestions
<b>I</b>				
<b>AGRONOMY</b>				
<b>General suggestion : All the Students/Major advisors are requested to consult Statistician of the Advisory Committee.</b>				
<b>Ph.D. (Agronomy)</b>				
1.	Response of different levels of irrigation, nitrogen and banana pseudostem sap on <i>rabi</i> sorghum ( <i>sorghum bicolor</i> L.) and its residual effect on summer greengram ( <i>Vigna radiate</i> L.) under south Gujarat condition	Tajane Diksha Suryabhan	Dr. V.P. Usadadia	1) Correct the title as: Response of <i>rabi</i> sorghum... 2) Delete fifth objective relating to CU & WUE. These should be included in observations. 3) Mention depth of irrigation water. 4) If feasible, select RBD with factorial concept. 5) Delete observation of days to physiological maturity. 6) Verify/correct plot size.
2.	Effect of land configuration and nutrient management in wheat ( <i>Triticum aestivum</i> L.) under partially reclaimed coastal salt affected soil	Deepak Kashinath Borse	Dr. V.P. Usadadia	1) Correct recommended dose of fertilizer for wheat for coastal area.
3.	Effect of fertilizer levels and weed management in sugarcane ( <i>Saccharum officinarum</i> L.) under south Gujarat condition	Zinzala Manish Jitubhai	Dr. D.D. Patel	1) Record green biomass of sunhemp and convert it into dry matter yield. For conversion, determine moisture percentage from green sample.



4.	Effect of planting materials, spacing and nitrogen management on sugarcane seed production under south Gujarat condition	Mr. Naresh Kumar Narsinbhai Chaudhari	Dr. H.M. Virdia	<ol style="list-style-type: none"> <li>1) Recast the title.</li> <li>2) Change wordings in objectives.</li> <li>3) Also make appropriate gross and net plots for proposed seed quality studies.</li> </ol>
5.	Integrated nutrient management in Amaranth ( <i>Amaranthus hypochondriacus</i> L.) - cowpea ( <i>Vigna unguiculata</i> (L.) Walp) cropping sequence under south Gujarat condition	Rameti Jangir	Dr. J.D. Thanki	<ol style="list-style-type: none"> <li>1) Write 'grain Amaranthus' in the title.</li> <li>2) Record test weight on volume basis.</li> <li>3) Determine availability of N, P &amp; K only (Exclude Ca, Mg &amp; Fe).</li> <li>4) Correct net plot size for grain Amaranthus (2.70 m x 11.50 m)</li> </ol>
6.	Response of rice to nutrient management under SRI technique during summer season	Pagar Ram Dhanraj	Dr. M.K. Arvadia	<ol style="list-style-type: none"> <li>1) Recast the title.</li> <li>2) Correct third objective.</li> <li>3) Green manure crops should be broadcasted instead of line sowing at 20 cm.</li> <li>4) Plot size to be verified and corrected.</li> </ol>
<b>M.Sc. (Agronomy)</b>				
1.	Study of critical period of crop-weed competition in sesame ( <i>Sesamum indicum</i> L.) under south Gujarat condition	Patel Sharadkumar Dineshbhai	Dr. A.P. Patel	<ol style="list-style-type: none"> <li>1) Correct year and season of experiment.</li> <li>2) Number of seeds per capsule and length of capsules observations to be removed.</li> <li>3) Mention time of recording dry weight of weeds (at 60 DAS and harvest).</li> <li>4) Weed control efficiency to be calculated and recorded.</li> </ol>
2.	Effect of irrigation and planting techniques in <i>rabi</i> green gram	Chauhan Pratikumar Sudhirbhai	Dr. H.H. Patel	<ol style="list-style-type: none"> <li>1) Delete observation number of root nodules/plant at 20 DAS (keep 40 and 60 DAS).</li> <li>2) Verify/correct plot size.</li> </ol>
3.	Weed management in fodder maize ( <i>Zea mays</i> L.)	Baldaniya Manishbhai Jodhabhai	Dr. T.U. Patel	<ol style="list-style-type: none"> <li>1) Keep the dose of Atrazine 0.5 kg/ha in treatment T<sub>7</sub>.</li> </ol>

4.	Effect of nitrogen management in summer sesame ( <i>Sesamum indicum</i> L.) under south Gujarat condition	Gujjar Pruthvi B.	Dr. D.R. Prajapati	<ol style="list-style-type: none"> <li>1) Verify fertilizer dose of sesamum.</li> <li>2) Keep 500 ppm concentration of humic acid in foliar spray.</li> <li>3) Add control treatment in foliar spray.</li> <li>4) Replace graded levels of RDN with that of RDF.</li> <li>5) Delete the treatment involving 25%N from vermicompost.</li> <li>6) Delete length of capsule and number of seeds/capsule observations.</li> <li>7) Revise the title according to change in treatments.</li> </ol>
5.	Study of critical period of crop-weed competition in maize ( <i>Zea mays</i> L.) under south Gujarat condition	Patel Umangkumar Ashokbhai	Dr. R.R. Pisal	<ol style="list-style-type: none"> <li>1) Since the similar experiment is being conducted by the Dept. of Agronomy, either change the crop or reframe the new experiment in consultation with advisory committee and Dr. R.B. Ardeshta, Assoc. Prof. (Agronomy).</li> </ol>
6.	Effect of variety and integrated nutrient management on growth and yield of fodder sugar beet ( <i>Beta vulgaris</i> L.)	Krupa R. Patel	Dr. M.M. Patel	<ol style="list-style-type: none"> <li>1) Write fertilizer dose instead of RDF.</li> <li>2) Keep 50% N (instead of 25%) through biocompost in F<sub>5</sub> treatment.</li> <li>3) Also include potassium supplying biofertilizer in F<sub>3</sub> and F<sub>5</sub>.</li> </ol>

7.	Effect of weed management practices on growth and yield of vegetable Indian bean ( <i>Lablab purpureus</i> L.) under south Gujarat condition	Sanjaybhai Dulabhai Doba	Dr. S.P. Deshmukh	<ol style="list-style-type: none"> <li>1) Recast the title as suggested.</li> <li>2) Verify original formulation of pendimethaline extra and keep the dose accordingly.</li> <li>3) Imazethapyr to be applied at 20 DAS instead of 25 DAS.</li> <li>4) Time of HW to be changed from 30 DAS to 40 DAS in herbicide + 1 HW treatments.</li> <li>5) Correct fertilizer dose of Indian bean.</li> <li>6) Specify time of weed observations.</li> <li>7) Include NPK content and uptake by crop and weeds observations.</li> <li>8) Exclude the observations of NPK status of soil after harvest.</li> </ol>
8.	Effect of seed priming and nutrient management in moth bean	Patel Bhavini Jayantilal	Dr. H.H. Patel	<ol style="list-style-type: none"> <li>1) Reframe the experiment on spacing and weed management.</li> </ol>
9.	Effect of sowing environments and crop geometry on growth and yield of linseed under South Gujarat conditions	Garvit Jigneshkumar Bhagubhai	Dr. Seema Sharma	<ol style="list-style-type: none"> <li>1) Instead of exact dates, specify weeks in case of date of sowing treatments.</li> <li>2) Proposed crop geometry treatments are row spacing only.</li> <li>3) Revise the title of experiment in view of aspects of study.</li> <li>4) Confirm seed rate of selected linseed variety.</li> <li>5) Verify/correct plot size.</li> </ol>
10.	Production potential of forage oat-lucerne intercropping as influenced by different row ratio under south Gujarat conditions	Garvit Vipulkumar Chhotubhai	Dr. Vaishali H. Surve	<ol style="list-style-type: none"> <li>1) Oat to be sown 8-10 days after sowing of lucerne.</li> <li>2) Verify and correct fertilizer doses of oat and lucerne. It should be applied on area basis.</li> <li>3) Verify/correct plot size.</li> </ol>
11.	Comparative performance of intercrops with and without fertilizer in sugarcane ( <i>Saccharum officinarum</i> L.) under south Gujarat conditions	Chaudhari Ankitkumar Ashokbhai	Dr. D.D. Patel	<ol style="list-style-type: none"> <li>1) Reframe the experiment. Long duration crop like sugarcane should be avoided for M.Sc. students.</li> </ol>

12.	Weed management in garlic ( <i>Allium sativum</i> L.)	Gajera Sagarkumar Mansukhbhai	Dr. T.U. Patel	1) Delete paddy straw mulch treatment.
13.	Integrated weed management study in grain amaranth ( <i>Amaranthus hypochondriacus</i> L.) under south Gujarat condition	Dinesh I. Chaudhari	Dr. L.J. Desai	1) Remove the word 'study' from the title. 2) Correct the first objective (i.e. rate of weedicide is not a part of proposed trial). 3) Specify time of application of PoE weedicides in treatments. 4) Delete observations : grain and stover yield per plot, NPK status of soil after harvest. 5) Remove statistical analysis from list of observations.
14.	Integrated weed management study in linseed ( <i>Linum usitatissimum</i> L.) under south Gujarat condition	Kaial Purviben H.	Dr. L.J. Desai	1) Remove the word 'study' from the title. 2) Confirm seed rate of selected linseed variety. 3) Delete observations : number of capsules/plant, seeds/capsule (if difficult to count), grain and stover yield per plot, NPK status of soil after harvest 4) Remove statistical analysis from list of observations.
15.	Response of coriander ( <i>Coriandrum sativum</i> L.) to spacing and fertilizer levels under south Gujarat condition	Patel Riddhi Jayantibhai	Dr. M.S. Dudhat	1) Delete broadcasting method from spacing treatments. 2) Conduct the experiment in RBD (factorial concept) and increase the number of replication to 4 (four). 3) Verify/correct plot size.
16.	Production potential of different greengram ( <i>Vigna radiata</i> (L.) Wilczek) varieties under south Gujarat condition	Patel Kartikkumar Hasmukhbhai	Dr. K.A. Shah	1) Correct the title. 2) Correct the rate of biofertilizers to 10 ml/kg seed instead of 50 ml/kg. 3) Add nutrient content and uptake by crop observations.

17.	Effect of micronutrients seed treatment on growth, yield and quality of chickpea	Hepin H. Patel	Dr. N.N. Gudadhe	<ol style="list-style-type: none"> <li>1) Instead of using the word 'micronutrients' in the title, write Co, Mo and B.</li> <li>2) Keep uniform levels for seed treatments.</li> <li>3) Factorial concept can not be applied.</li> <li>4) Verify/correct plot size.</li> </ol>
18.	Effect of organic and inorganic fertilizers on growth and seed yield of clusterbean ( <i>Cyamopsis tetragonoloba</i> L. Taub.) under south Gujarat condition	Patel Ravikumar Kantibhai	Dr. M.S. Dhadhat	<ol style="list-style-type: none"> <li>1) Revise organic manure treatments as : Vermicompost 2.5 t/ha, Biocompost 5 t/ha</li> <li>2) Add Biofertilizer factor : Control, Rhizobium + PSB seed treatment.</li> <li>3) Delete number of pods/branch observation.</li> <li>4) Verify/correct plot size.</li> </ol>
19.	Response of rabi maize ( <i>Zea mays</i> L.) to fertilizer application and organic liquid spray under south Gujarat condition	Pradeep Patidar	Dr. V.M. Patel	<ol style="list-style-type: none"> <li>1) Write Enriched banana pseudostem sap instead of using trade name in case of organic liquid.</li> <li>2) Revise time of two spray treatment : 30 and 40 DAS.</li> </ol>
20.	Integrated weed management in summer cluster bean ( <i>Cyamopsis tetragonoloba</i> (L.) Taub.)	Chaudhary Akashkumar Narsinhbhai	Dr. R.B. Ardeshta	Accepted.
21.	Irrigation scheduling and nutrient management on sweet corn ( <i>Zea mays</i> L. saccharata) under south Gujarat condition	Patel Marmikkumar Ashvinbhai	Dr. V.G. Bavalgave	<ol style="list-style-type: none"> <li>1) Instead of growth stages, take irrigation schedules based on IW/CPE ratios (0.6, 0.8 &amp; 1.0; 60 mm depth).</li> <li>2) Take N levels (120, 140 &amp; 160 kg/ha) instead of NPK levels (also correct in title).</li> <li>3) Verify/correct plot size.</li> </ol>
22.	Response of gram ( <i>Cicer arietinum</i> L.) to different herbicides under south Gujarat condition	Kalasaraya Laljikkumar Bijalbhai	Dr. V.M. Patel	<ol style="list-style-type: none"> <li>1) Verify, correct and mention doses of post-emergence herbicides.</li> </ol>
23.	Study of critical period of crop-weed competition in kabuli chickpea ( <i>Cicer arietinum</i> L.) under south Gujarat condition	Saladi Murmu	Dr. H.M. Virdia	<ol style="list-style-type: none"> <li>1) Correct scientific name of <i>kabuli</i> chickpea.</li> <li>2) Correct T<sub>11</sub> as : Two hand weeding + interculturing at 20 and 40 DAS.</li> </ol>
24.	Response of cobalt and biofertilizer on growth, yield and quality of chickpea	Sukanya E.	Dr. N.N. Gudadhe	Accepted.

25.	Response of summer sorghum ( <i>Sorghum bicolor</i> L. Moench.) to spacing and nitrogen levels	Ashwini R. Chavan	Dr. R.B. Ardeshna	Accepted.
26.	Influence of spacing and nutrient management on sweet corn ( <i>Zea mays</i> L. saccharata) under south Gujarat condition	Rathod Manishaben Kantilal	Dr. V.G. Bavalgave	1) Write 'integrated nutrient management' in the title. 2) Also include KMB in B <sub>1</sub> treatment. 3) Verify/correct plot size.
	<b>Submitted experiment : M.Sc. (Agronomy)</b>			
27.	Ferti fortigation of zinc in maize	Ladumor Raju G.	Dr. N.N. Gudadhe	Accepted.