



Appendices - 4

List of research papers published

Vegetable Research Station, JAU, Junagadh

Talekar N. S., Vaddoria M. A., and Kulkarni G. U. (2013). Heterosis studies for quantitative traits in bitter gourd, *Progressive Research*, 8 (special):650-53.

Jivani J. V., Mehta D. R., Vaddoria M. A. and Lata Raval. (2013). Correlation and path coefficient analysis in Chickpea, *Electronic J. Pl. Br.*, 4(2):1167-70.

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Suramwar S. P., Vaddoria M. A., Mehta D. R. and Patel N. B. (2014). Influence of Pre-sowing microbial and fungicides seed treatments on seed quality in mung bean. *AGRES-An International-Journal*, 3(1):97-104.

Gajera A. D. and Vaddoria M. A. (2014). Heterosis studies for quantitative traits in okra [*Abelmoschus esculentus* (L.) Moench], *AGRES-An International-Journal*, 3(2):160-165.

Vaddoria M. A., Jethava A. S. and Sangani V. P. (2014). Status of Processing Products of Garlic in India, Paper presented in Brain Storming Session on "Crop Improvement, Production Technology, Seed production and processing of Garlic" organized by HRDF at Nasik on 29th November, 2014. pp. 119-133.

Vaddoria M. A., Golani I. J. and Kavathiya Y. A. (2014). Up gradation of Post-Harvest Technology of Spices Farm Level, Spices Hand Book-2014, Publisher: Foretell Business Solutions Pvt. Ltd., Bangalore, India, pp. 22-25.

Vaddoria M. A., Golani I. J. and Kavathiya Y. A. (2014). New Methods Undertaken to Increase the Productivity in Cumin (Jeera), Spices Hand Book-2014, Publisher: Foretell Business Solutions Pvt. Ltd., Bangalore, India, pp. 48-50

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Kakde A. M. and Patel V. N. (2013). Studies on feeding potential of *Cryptolaemus montrouzieri* Mulsant on *Phenacoccus solenopsis* Tinsley. *J. Cotton Res. Dev.*, 2(27).

Ghelani M. K., Kabaria, B. B. and Patel V. N. (2014). Estimation of yield losses due to major sucking pests of Bt cotton. *Pestology*, 1(38).

Ghelani M. K., Kabaria, B. B. and Patel V. N. (2014). Population dynamics of major sucking pests of Bt. cotton in North Saurashtra Region of Gujarat, India. *Pestology*, 2(38).

Pulses Research Station, JAU, Junagadh

Pithia M. S. (2013). Genetics of fruit yield and its component characters in Brinjal (*Solanum melongena* L.). *Progressive Agriculture*, 8 (Sp.):745-48.

Pithia M. S. (2013). Heterosis for fruit yield and its related attributes in Brinjal (*Solanum melongena* L.). *Progressive Agriculture*, 8 (Sp.):330-32.

Pithia M. S. (2013). Variability analysis and multivariate analysis in Chickpea (*Cicer arietinum* L.). *Electronic J. P. Br.*, 4(4):1284-91

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- Department of Seed Science and Technology, JAU, Junagadh**
- Patel Hiral, Patel J. B., Sharma S. C. and Acharya S. (2013). Heterosis and inbreeding depression study in cowpea [*Vigna unguiculata* (L.) WALP.]. *AGRES-An International e-Journal*, 2(2):165-172.
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List of Books published during the year 2013-14 Department of Agriculture Chemistry and Soil Science, JAU, Junagadh

1. Krushi Pak Utpadan ma Suksham Tatvo nu Mahatva.

Department of Agronomy, JAU, Junagadh

2. Integrated Weed Management in Sweet Corn
3. Nitrogen Scheduling in Wheat Using Leaf Colour Chart
4. Performance Evaluation of Mini Dhal Mill for Pigeon Pea Grains
5. Response of Castor to Moisture Conservation Practices and Zinc Fertilization.
6. Agro meteorology At a Glance.
7. Plant Density and Fertilizer Requirement for Sweet Corn
8. Foliar Application of Potash and Micronutrients to Summer Groundnut
9. Weed Management and Dynamics of Weed Seedbank in Fennel
10. Response of Soybean to Organic Manure and Potash
11. Greengram Response to Phosphorus and Sulphur
12. Standardization of Some Agrotechniques in Tuberose.

13. Weed Management in Summer Greengram (Vigna radiate L.)
14. Summer Sesame Response to Irrigation and Fertilizer
15. Integrated Weed Management in Rabi Maize
16. Moisture Conservation and Zinc for Pigeonpea
17. Real Time Nitrogen Fertilization Using Leaf Colour Chart in Maize
18. Intercropping and Weed Control in Pearl millet
19. Integrated Nutrient Management in Baby Corn
20. Groundnut Response to Moisture Conservation and Sulphur Nutrition
21. Phosphorus and Sulphur Fertilizer for Summer Soybean

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22. વહીવટી બાબતો : મૂંજવણ અને માર્ગદર્શન
23. Adapting Agriculture to Climate Variability in Gujarat

Department of Horticulture, JAU, Junagadh

24. Production & Management of Fruit Crops in Arid/Dry lands
25. Shelf life and quality of tomato fruits during storage with chemicals

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26. Pak Sarkshan Vyavstha
27. Pragatisil Kheti
28. Khedutona Prashno ane Vaignaniko na Javabo
29. Sakbhaji Pakoni Kheti
30. Krushi Pakutpadan ma Suksma Tatvo nu Mahatv

College of Veterinary, JAU, Junagadh

31. Swan Darpan
32. Vet Parasit: A Question Bank

33. Molecular Biological approaches for diagnosis and control of Parasitic diseases
34. Livestock Management products technology and health
35. Management of Dairy Animals (Dairy Husbandry), Student Handbook for Class-XII

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36. Herbicides and Determination of Persistence through Bioassay in Groundnut

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37. Development of Tractor Operated Onion Harvester
38. Morphometric Characteristics: Shetrunji River Basin Using RS and GIS.
39. Agricultural Drainage Engineering
40. Essence of Agriculture Engineering
41. Watershed Management Planning using Remote Sensing and GIS (A sub watershed 5GIC5e of Gujarat, India)
42. Development of process for extraction of Pectin from Mango Peel
43. Effect of Blanching on quality and shelf-life of Peanut kernel
44. An Economic analysis of Groundnut Seed Production in Gujarat state.
45. Enzymatic treatments on pigeon pea for better milling characteristics
46. Pulses processing: Performance Evaluation of Mini Dhal Mill for Pigeonpea Grains

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47. The way towards Sustainable Agriculture
48. Conservation Agriculture - The New Paradigm