

Dr. VARSHA NAKALA

Publications:

- ✓ Varsha Nakala, R.K. Mathukia, P.K. Chovatia, R.M. Solanki. 2021. Productivity of groundnut + pigeonpea relay intercropping system as influenced by weed management options. *Legume Research*. 47(9): 1606-1612.
- ✓ Varsha N and Mathukia, R.K. 2021. Economical efficacy of weed management options in groundnut + pigeonpea relay intercropping system. *International Journal of Environment and Climate Change*. 11(6): 1-8.
- ✓ Varsha, N., G. Pratibha, M. Madhavi and T. Ramprakash. 2020. Energy Balance Studies of Weed Control Practices in Rainfed Cotton. *Indian Journal of Agricultural Research*. 54(4): 489-494.
- ✓ Varsha N., M. Madhavi, T. 2020. Economical efficacy of diuron as a weed control option in rainfed cotton. *The Journal of Research, PJTSAU*. 48 (1&2):75-78.
- ✓ Varsha, N., M. Madhavi, T. Ramprakash and K.B. Suneetha Devi. 2019. Relative density of weeds and weed indices as influenced by weed control options in cotton. *Indian Journal of Weed Science*. 51(1): 86–91.
- ✓ Varsha N, T Ramprakash, M Madhavi and KB Suneetha Devi. 2019. Acid and alkaline phosphatase enzyme activity influenced by diuron. *Journal of Pharmacognosy and Phytochemistry*. 8(3): 2177- 2180
- ✓ Varsha, N., M. Madhavi, T. Ramprakash and K. B. Suneetha Devi. 2018. Efficacy of Diuron Along with Sequential Application of Herbicides for Weed Control in Cotton. *International Journal of Current Microbiology and Applied Sciences*. 7(6): ISSN: 2319-7706.
- ✓ Varsha N, T Ramprakash, M Madhavi and KB Suneetha Devi. 2018. Urease and dehydrogenase enzyme activity influenced by Diuron. *International Journal of Chemical Studies*. 6(5): 1656-1659.

Papers presented in Conference

- ✓ Varsha Nakala and Mathukia, R.K. 2021. Economics of weed management practices in groundnut + pigeonpea relay intercropping system. Extended Summaries : 5th International Agronomy Congress, November 23-27, 2021, India, Vol: 2-583-584.
- ✓ Varsha N, M. Madhavi, T. Ramprakash and K.B. Suneetha Devi. 2021. Economical efficacy of diuron as a weed control option in rainfed cotton. National conference Identification, Convergence, Implementation and Extension of Science- Tech- research for Sustainable Development 20-21 April, 2019 Meerut, India.
- ✓ Lavanya, N. and Varsha, N. 2020. Growth stage based irrigation and fertigation strategies for higher productivity. International Conference on Advances and Innovations in Agriculture & Allied Sciences, 31 January - 01 February, 2020. Jawaharlal Nehru University (JNU) Convention Centre, New Delhi, pp:112.
- ✓ Varsha N, M. Madhavi, T. Ramprakash and K.B. Suneetha Devi. 2019. Influence of weed control practices on nutrient uptake and quality of rainfed cotton. National conference for post graduate students on novel approaches for doubling farmer income through sustainable agricultural production systems. 7 - 8 March, 2019. Tirupati – 517 502, pp:36.
- ✓ Varsha N, M. Madhavi and T. Ramprakash. 2019. Influence of weed control options on growth and Yield of cotton. 3 AgriNANO - Challenges and Opportunities in agrinano technology (COAN-2019) 13-14 June, 2019. RARS, Tirupati - 517502, Andhra

- Pradesh, India, 76.
- ✓ Varsha, N., Pratibha, G., Madhavi, Ramprakash. 2019. Energetics as influenced by weed control practices in rainfed cotton. Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2019).
 - ✓ Varsha N, M. Madhavi, T. Ramprakash. 2018. Bio-efficacy of diuron along with sequential application of herbicides for weed control in Cotton. ISWS Golden Jubilee International Conference, Jabalpur.

Popular articles

- ✓ Varsha, N and Lavanya N. 2020. PGR's – An Option to Alleviate Abiotic Stress in Cotton. Agrobios. 18(9): 42.
- ✓ Varsha N and Vijaya Gowri. 2020. Impact of Herbicides on Soil Environment. Agrobios. 18(10): 42
- ✓ Varsha, N and Lavanya N. 2019. Jeevana eruvula. Vyavasaya padipantalu, June, Pg no. 33.
- ✓ Varsha, N, Madavi, M. and Lavanya N. 2019. Pogaku malle- parani jeevi kalupu mokka. Vyavasaya padipantalu, June, Pg no. 40.
- ✓ Varsha N. and Shiva kumar, R. 2019. Sendriya vyavasayam lo kalupu yajamanyam. Vyavasaya padipantalu, July, Pg no. 25.
- ✓ Varsha N. Lavanya, N and Shiva kumar, R. 2019. Vyavasayamlo jeevana eruvula paathra. Vyavasaya padipantalu, July, Pg no. 41
- ✓ Varsha, N and Lavanya N. 2019. Influence of tillage on weed dynamics. Agrobios. 18(8).
- ✓ Lavanya, N. and Varsha, N. 2019. Internet Of Things And Artificial Intelligence – A Step For Advanced Farming. Agrobios. 18(2):26.
- ✓ Lavanya, N. and Varsha, N. 2019. Improved Trends in Fertigation Management. Agrobios. 18(6):09.

Book Chapters

- ✓ Varsha, N., Lavanya, N. and Shiva, R.K. 2021. Biofortification. Agriculture and Forestry: Current Trends, Perspectives, Issues-IV. Immortal Publications, pp: 112-126.
- ✓ Varsha, N. Lavanya, N., Gowri and Madhavi, M. 2019. Remote Sensing in Weed Management. Advances in Agronomy. Akinik Publications. Vol. 5: 1-23.
- ✓ Lavanya, N., Varsha, N., Rajap shiva kumar. 2019. Role of artificial intelligence and internet of things in agriculture. Research trends in agricultural extension. Advances in Agronomy. Akinik Publications. Vol. 5: 71-88.
- ✓ Shiva, R.K., Varsha, N. and Lavanya, N. 2021. Weed Mapping Using PS and GIS. Agriculture and Forestry: Current Trends, Perspectives, Issues-IV. Immortal Publications, pp: 507-518.
- ✓ Chandrashekhar, G., Prabhavathi, K., Varsha N and Sruthi D.(2022). Importance of Indigenous Technical Knowledge Systems in Organic Farming. Scripown Publications. 1: 7-19.