

BRIEF PROFILE



Name of the Scientist	Dr. VALLEPU VENKATESWARLU
Designation	Scientist(SS) (Agricultural Entomology)
Personal Information	Date of birth: 06-08-1983, Email: vallepu.venkateswarlu@icar.gov.in, venkiari@gmail.com Telephone No. (O): 0883- 2449871 (Ext:122) Mobile No:8894459994
Educational Qualification	M.Sc. and Ph.D.
Discipline	Agricultural Entomology
Date of joining in ICAR	15 th September 2011
Service Particulars	Scientist (Scientist, NAARM Training, Hyderabad from 15.09.2011 to 13.12.2011)(ICAR-CPRI, Shimla from 26.12.2011 to 26.12.2016); Scientist, ICAR-CTRI, Rajahmundry from 27.12 .2016 to tilldate Sr. Scientist (Period, Inst. Name) NA Principal Scientist (Period, Inst. Name)NA ; Any other (Period, Inst. Name)
Areas of expertise for consultancy purpose (3 bullets)	• Integrated pest management • Host plant resistance (HPR) • Insect ecology and toxicological studies
Research Publications (top 10 published in scientific journals with NAAS rating)	Author(s), Year. Title. Journal title (full name and in italics) Volume number (bold): Page-page.<to be ended by period> 1 Venkateswarlu,V, Sharma, RK and Sharma, K. (2011) Evaluation of Eco- Friendly Insecticides against major insect pests of cabbage. <i>Pesticide Research journal</i>. 23(2):172-180. (NAAS Rating: 5.49). 2 Baswaraj, R., Venkateswarlu, V., Sridhar, J., Jeevalatha, A., Sharma, S. and Singh, B.P. 2014. RT-PCR detection of potato leaf roll virus (PLRV) in aphids from Northern and North-Eastern India. <i>Indian Journal of Plant Protection</i>, 42 (4): 430-436. (NAAS Rating: 5.08). 3 Sridhar J, Venkateswarlu V, Jeevalatha A, Malik K, Bhatnagar A and Singh BP (2016) Squash and tissue print protocols for quick detection of <i>Tomato Leaf Curl NewDelhi Virus</i>-potato in fresh and ethanol preserved single whitefly. <i>Potato Journal</i>.43 (1): 62-

	69. (NAAS Rating: 5.08). 4 Venkateswarlu V, Sridhar J, Baswaraj R, Jeevalatha A, Malik K, Bhatnagar A, Neelum K, Sanjeev Shrama, Nagesh M, Singh BP and Chakrabarti SK (2016) Uniplex and Duplex RT-PCR protocol for detection of PLRV and PVY in aphids from potato fields. <i>Potato Journal</i>. 43(2):146-152. (NAAS Rating: 5.08). 5 Malik K, Sridhar J, Venkateswarlu V, Bhatnagar A & Chakrabarti SK (2018) Damage scale for phytophagous mite (<i>Polyphagotarsonemus latus</i>) in potato. In <i>International Journal of Agricultural and Statistical Sciences</i> 14(1):199-202. (NAAS Rating: 4.92). 6 Bhatnagar A, Sridhar J, Venkateswarlu V, Malik K, Shah, M A and Singh BP (2017) Mapping of aphid species associated with potato in India using morphological and molecular taxonomic approaches. In <i>Potato Journal</i> 44 (2): 117-125. (NAAS Rating: 5.08). 7 Subbanna ARNS, Khan MS, Srivastava RM, Mishra PK, Kalyanababu and Venkateswarlu V (2018) Interspecies diversity of <i>Bacillus thuringiensis</i> isolates from North West Indian Himalayas. In <i>Journal of Environmental Biology</i> 39:306-313. (NAAS Rating: 6.70). 8 Sridhar J, Venkateswarlu V, Neelam K, Bhatnagar A, Baswaraj R, Ravinder Kumar, Nagesh M, Tiwari JK, Malik K and Chakrabarti SK 2020. Occurrence of <i>Aulacorthum solani</i> on potato: A vector of Potato virus Yo and Potato leafroll virus in India. <i>Indian Journal of Entomology</i> 83(3):345-349. (NAAS Rating: 5.08). 9 Tiwari JK, Nagesh M, Sridhar J, Mandal V, Ghosh A, Kardile HB, Naga KC, Shah MA, S Rawat, Venkateswarlu V, Malik K, Bhatnagar A, Singh RK, Chakrabarti SK, Manoj Kumar, Rao AR and Rai A. 2021. Draft genome sequencing of the foxglove aphid (<i>Aulacorthum solani</i> Kalténbach), a vector of potato viruses. <i>Journal of Asia-Pacific entomology</i>. 24(2): 93-102. (NAAS Rating: 7.10). 10 Sridhar J, Venkateswarlu V, Shah MA, Neelam K, Bhatnagar A, Baswaraj R. 2021 Incidence of the cabbage aphid, <i>Brevicoryne brassicae</i> L. in potato crops in India and its efficiency for transmission of potato virus Y^o. <i>International Journal of Tropical Insect Science</i> "(Accepted for publication, April, 2021)(NAAS Rating: 6.54)
Awards/ Honours/ Recognitions (in bullets)	• Junior Research Fellowship (2005-2007): Awarded by Indian Council of Agricultural Research (ICAR), Govt. of India. • Senior Research Fellowship (2008–2010); Awarded by Indian Council of Agricultural Research (ICAR), Govt. of India. • Received the Certificate of merit (2013) : 94th FOCARS in National Academy of Agricultural Research and Management (NAARM), Hyderabad

	• Best Poster presentation awarded for team research work at National seminar on Problems of Potato-2014 organized by IPA, CPRI, Shimla. • Best Oral presentation awarded for team research work at International conference-2014 organized by ERA, MPUAT, Udaipur. • Best Research paper awarded for team research work at Potato Global conclave -2020 organized by IPA and CPRI- Shimla.
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