BRIEF **PROFILE**

Name of the Scientist	Dr. B. Rajasekhar Reddy
Designation	Scientist
Date of birth	22-01-1987
Date of joining in ICAR	01-01-2015
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Educational Qualification	PhD
Discipline	Vegetable Science
Service particulars	Scientist (From 2015 to Till Date)
Areas of expertise for consultancy purpose (Three points)	Breeding of cowpea, french bean, broad bean, tomato, chilli
Research Publications (Best 10 papers published in scientific journals with NAAS rating)	Nagendran K, **B. Rajasekhar Reddy**, Kumari S and Singh AK. 2022. Development of agro-infectious clones for screening resistance against recombinant mungbean yellow mosaic India virus causing golden mosaic disease in vegetable cowpea. *3 Biotech*: 12:145 (NAAS Rating: 8.80). **B.Rajasekhar Reddy**, Lal H, Pandey M and Rai N. 2023. Stability and diversity of elite lines of vegetable cowpea (*Vigna unguiculata* ssp. *unguiculata* L.). *Legume Research*. DOI: 10.18805/LR-5140 (NAAS Rating: 6.80). **B.Rajasekhar Reddy**,Pandey M, SinghJ, Singh PM and Rai N. 2021. Principal Component Analysis and Stability of Genotypes in French Bean (*Phaseolus vulgaris* L.). *Legume Research*. DOI: 10.18805/LR-4569 (NAAS Rating: 6.80). Lal H, **B.Rajasekhar Reddy*** and Vishwanath. 2018. Biometrical studies of yield and related traits in advance breeding lines of bush type vegetable cowpea [*Vigna unguiculata* (L.) Walp.]. *Legume Research*. DOI: 10.18805/LR-3799 (NAAS Rating: 6.80). **B.Rajasekhar Reddy**, Nagendran K, Pandey M and Rai N. 2023. Field Screening for powdery mildew resistance (*Erysiphe polygoni* DC) in cowpea. *International Journal of Plant & Soil Science*. 35(19):963-967 (NAAS Rating: 5.07). **B.Rajasekhar Reddy**, Singh AK and Pal AK. 2023. Multivariate analysis for post harvest quality and yield attributes in tomato (*Solanum lycopersicum* L.). *International Journal of Environment and Climate Change.* 13(10):1180-1187 (NAAS

	Rating: 5.16). **B.Rajasekhar Reddy**, Begum H, Sunil N and Rajkumar BV. 2013. Genetic Variability Studies for Yield and Quality Traits in Exotic Lines of Tomato (*Solanum lycopersicum* L.). *Environment and Ecology*. 31(4A):1881-1883 (NAAS Rating: 4.87). **B.Rajasekhar Reddy**, Begum H, Sunil N and Reddy MT. 2013. Genetic divergence studies in exotic collections of tomato (*Solanum lycopersicum* L.) *International Journal of Agricultural Sciences*. 9(2):588-592. (NAAS Rating: 4.73). Reddy GE, Srivastava K, Reddy MP, **B.Rajasekhar Reddy** and Bhandari H. 2017. Combining Ability Studies for Quality Traits in Selected Tomato (*Solanum lycopersicum* L.) Parents and Hybrids. *Environment and Ecology*. 35(1A):295-300 (NAAS Rating: 4.87). Gowda MT, Sellaperumal C, **B.Rajasekhar Reddy**, Rai AB and Singh B. 2018. Management of root- knot nematode *Meloidogyne incognita* in tomato with liquid bioformulations. *Vegetable Science*. 45(2):262-268. (NAAS Rating: 5.54).
Awards/ Honours/ Recognitions	1) DST-SERB **Early Career Research Award** **2) Best Poster Presentation Award** in VEGCON-2019, Jodhpur by ISVS. 3) **Best Poster Presentation Award** by ISHRD during 2014 at Lucknow.