

Name : Dr. Shyam Raj Singh
Designation : Principal Scientist
ICAR e-mail : shyam.singh4@icar.gov.in
Alternate e-mail : srajparmar@gmail.com
Mobile No : 9455058875
Field of Specialization : Vegetable Science



Name of Institute from where obtained M.Sc. degree:

Kanpur University Kanpur

Name of Institute from where obtained Ph.D. degree:

Kanpur University Kanpur

Joining date in ICAR : 12/20/2008

Publications (Top 10 Publications with first or corresponding author only):

1. S. R. Singh, H.A. Dar, A.S. Sundouri, M.K. Sharma and K.K. Srivatava, (2010) Standardization of in-vitro media for culture establishment in sour cherry (*Prunus cerasus*). Indian Journal of Agricultural Sciences. 80(2)168-170.
2. S. R. Singh, N, Ahmed , D. Kumar, A. K. Trvedi, A. Singh and M .Mir (2020). Assessment of genetic variability of chilli in western Himalayan region .Journal of Environmental Biology: 41:266-273.
3. S. R. Singh, N. Ahmaed, K. K. Srivastava, Dinesh Kumar and S. Yosuf (2020) .Assessment of genetic diversity in long day onion (*Allium cepa* L.) through principal component and single linkage cluster analysis (2020). Journal of Horticultural Sciences.15(1):17-26
4. S. R. Singh, N. Ahmed, J. K. Ranjan, Pragya Ranjan and Abid Mir (2016).Genetic variability and correlation in garden pea (*Pisum sativum* sub sp Hortence) for yield and yield attributing traits. Indian Journal of Agricultural Sciences.86(2):1556-70.
5. S.R. Singh, J.I. Mir, N. Ahmed, S. Sashid, S.H. Wani, M.A. Shiekh, H, Mohiudin, W. Shafi, N. an and H. Mir (2011) . RAPD profile based grouping of garlic (*Allium sativum* L.) germplasm with respect photoperiodism. Journal of tropical Agriculture. 49: (1-2)114-117.
6. S.R. Singh, N. Ahmed, D. B. Singh, K. K. Srivastva, and Abid Mir(2017) Genetic variability determination in garden pea (*Pisum sativum* L sub sp. hortense Asch. and Graebn.) by using the multivariate analysis .Legume Research.3657:1-7.
7. S.R. Singh, N. Ahmed, K. K. Srivastva D. B. Singh, , and S. Yousuf (2017) Genetic diversity assessment in European type carrot. .Indian Journal of Horticulture.74(1):56-61.

8. S.R.Singh, N. Ahmed ,K.K .Srivastava , D. B. Singh and S. Yousuf (2017) .Genetic diversity assessment in European carrot genotype. Indian Journal of Horticulture: 74(1):56-61

9. S.R.Singh,S.Rajan, Veena,G.L.,Dinesh kumar,B.M.Murlidhara and K.K.Srivastava(2020). Genetic variability, character association and path analysis for yield and yield attributing traits in lettuce. (Lectuca sativa L.) Indian Journal of Agricultural Sciences. 90(11)2071-75

10. S.R. Singh, S. Rajan, Dinesh Kumar, V.K. Soni (2021). Genetic Diversity Assessment in Dolichos Bean (Lablab purpureus L.) Based on Principal Component Analysis and Single Linkage Cluster Analysis. Legume Research :1-7.

Patent / Technologies / Varieties / Methodologies / System etc.:

Released 15 varieties (10 walnut, 3 Apricot, 2 Garlic) and identified 2 varieties of pointed gourd at Institute Level and developed 5 technologies (i.e.Zero energy poly house propagation techniques walnut, IPNS for apple, off-season vegetable production technology, vertical farming technology, and hydroponic technology) for different purposes

No. of Students Guided (M.Sc.) : 8

No. of Students Guided (Ph.D.) : 3

Awards / Recognitions / Fellowship:

DST Young Scientist fellow, Department Science, and Technology

Best Scientist Award by Awadh Am utpadak Simit

5 Best paper and poster awards by different Societies

Fellow of International Society for Nauni Sciences Chennai India