

Institute / ICAR Projects

S. No.	Title	Principal Investigator	Start date	End date
I.	Conservation, characterization and utilization of grape.			
1.	Management of grape genetic resources of table, wine, raisin, juice and rootstock varieties - Phase III	Dr. R.G. Somkuwar	01/04/2019	30/06/2024
II	Genetic improvement of grape			
2.	Developing genomic selection strategy for accelerating breeding program in perennial fruit crops grape, guava and mango. (NASF)	Dr. Anuradha Upadhyay	01/03/2024	28/02/2027
3.	Breeding for naturally loose bunches and bold berries in grapes	Dr. Roshni R. Samarth	01/12/2014	30/11/2024
4.	Breeding for mildew resistance (Phase-II): Evaluation of promising hybrids and gene pyramiding	Dr. Roshni R. Samarth	01/11/2020	31/10/2025
5.	Genetic improvement of coloured grapes.	Dr. D.N. Gawande	01/09/2017	31/10/2025
6.	Genetic improvement of grape rootstocks for drought and salinity tolerance (Phase-I)	Dr. D.N. Gawande	01/06/2021	31/07/2026
7.	Creating gene and ploidy variations for desired trait in grape using physical and chemical agents	Dr. Sharmistha Naik	07/04/2016	31/03/2024
8.	Evaluation of grape genotypes for processability	Dr. A.K. Sharma	01/09/2020	30/09/2025
III.	Development and refinement of production technologies for enhancing quality, productivity and sustainability in grape			
9.	Evaluation of rootstocks for released and commercially promising grape varieties	Dr. R.G. Somkuwar	01/04/2019	30/09/2025
10.	Response of grape rootstocks under moisture stresses	Dr. R.G. Somkuwar	01/11/2020	30/06/2025
11.	Development of tissue culture techniques for production of quality planting material in grape	Dr. Sharmistha Naik	01/04/2017	30/09/2025
12.	Studies on canopy management practices in different varieties of grapes.	Dr. P.H. Nikumbhe	01/05/2021	30/06/2025
13.	Production of quality planting material of grape	Dr. P.H. Nikumbhe	01/06/2022	31/05/2027

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14.	Studies on estimation of light compensation and saturation point of grape varieties.	Dr. N.A. Deshmukh	01/05/2021	30/04/2025
15.	Agri-Consortium Research Project on Water (Phase IV): IoT enabled sensor based smart irrigation management system	Dr. A.K. Upadhyay	16/10/2021	15/10/2026
16.	Standardising irrigation and nutrient schedule for Crimson Seedless vines raised on Dogridge rootstock	Dr. A.K. Upadhyay	01/04/2021	31/07/2025
17.	Determination of salinity tolerance threshold for Thompson Seedless grafted on Dogridge, 110R and 1103P rootstocks	Dr. A.K. Upadhyay	01/07/2020	30/09/2024
18.	Development of nano based formulations of PGRs for enhancing the bioefficacy and addressing the residue issue in Thompson Seedless grapes	Dr. S.D. Ramteke	01/01/2023	31/01/2028
19.	An online information system for physiological disorders of grapevines under Indian agro-climatic conditions	Mrs. Kavita Y. Mundankar	01/07/2022	30/09/2025
20.	Evaluation of natural viticultural practices for production of Thompson Seedless grapes.	Dr. A.K. Sharma	01/10/2023	30/09/2028
IV. Development and refinement of integrated protection technologies in grape				
21.	Studies on management of major diseases of grapevine using bio-rational chemicals, bio-control agents, alternative chemicals and botanicals	Dr. Sujoy Saha	01/01/2023	31/12/2027
22.	Development of a bio-intensive disease management schedule for production of disease free and residue compliant grapes (AMAAS)	Dr. Sujoy Saha	01/04/2017	31/03/2026
23.	Identification and characterization of fungal and bacterial endophytes from grapevines and their evaluation as a biocontrol agent against major pathogens of grapevines in India.	Dr. S.K. Holkar	01/10/2020	30/09/2025
24.	Automated monitoring and advisory system for intelligent viticulture	Dr. D.S. Yadav	01/08/2020	31/07/2027
25.	Integrated pest management for sustainable vineyard protection	Dr. D.S. Yadav	01/10/2022	30/09/2027
V. Development of pre- and post-harvest technologies for processing of grapes and value addition				

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26.	Phytochemical profiling and development of nutraceuticals and value added products from grapes	Dr. Ahammed Shabeer T.P.	01/04/2016	30/06/2024
27.	Development and evaluation of robotic harvester for grape bunches (NASF)	Dr. N.A. Deshmukh	01/03/2024	28/02/2027
VI. Food safety in grapes and its processed products				
28.	Non targeted impact of pesticide residues in vineyard ecosystem and its effect on grape and wine quality.	Dr. Ahammed Shabeer T.P.	01/01/2020	31/12/2025
29.	A detailed Foodomics study for food authentication and exploration of nutraceutical potential (NASF)	Dr. Sharmistha Naik	01/07/2022	30/06/2025
VII. Other				
30.	All India Coordinated Research Project on Fruits (Grapes)	Dr. Kaushik Banerjee	01/03/2024	01/04/2025
31.	Intellectual Property Management and Transfer / Commercialization of Agricultural Technology (NAIF)	Mrs. Kavita Y. Mundankar	01/04/2012	31/03/2026
32.	Agri-business Incubation Centre (NAIF)	Dr. A.K. Sharma	01/10/2019	31/03/2025