

## **4. E. Governance**

### **4.1 Language in which Information Manual/Handbook Available [F No. 1/6/2011-IR dt. 15.4.2013]**

(i) **English**

(ii) **Vernacular/ Local Language**

### **4.2 When was the information Manual/Handbook last updated? [F No. 1/6/2011-IR dt 15.4.2013]**

Last date of Annual updation:

### **4.3 Information available in electronic form [Section 4(1)(b)(xiv)]**

<b>Details of information available in electronic form</b>	<b>Name/ title of the document/record/ other information</b>	<b>Location where available</b>
Institute publications	Annual Reports Technical Bulletins Extension Bulletins Extension Folders	<a href="https://nrcgrapes.icar.gov.in/">https://nrcgrapes.icar.gov.in/</a>
Other technical information	Research achievements Varieties developed Technologies developed Farmers Corner FAQs	<a href="https://nrcgrapes.icar.gov.in/">https://nrcgrapes.icar.gov.in/</a>
Research project proposals and reports	RPP-I RPP-II RPP-III	PME Cell of the Centre
Published research articles	—	PME Cell of the Centre as well with the respective scientist

### **4.4 Particulars of facilities available to citizen for obtaining information [Section 4(1)(b)(xv)]**

(i) **Name & location of the faculty**

For obtaining technical information a technical cell is functional on all the working days. Also there is a Public Relation Officer who facilitates the interaction of grape growers with the concerned scientists.

Library although not for public use, however, students, researchers and grape growers are allowed to use the library for reference work during working hours.

**(ii) Details of information made available**

All technical information related to grape

**(iii) Working hours of the facility**

10A.M. – 5 P.M. on all working days

**(iv) Contact person & contact details (Phone, fax email)**

Mrs. Yukti Verma, I/c Library

Tel.: 020-26956044

email: yukti.verma@icar.gov.in

**4.5 Such other information as may be prescribed under section 4(i)  
(b)(xvii)**

**(i) Grievance redressal mechanism**

Grievance redressal mechanism given in Citizen Charter

**(ii) Details of applications received under RTI and information provided**

S N	Name of applicant	Date of receipt	Date of reply	Decision/reply
<b>Year 2017-2018</b>				
1	Mr Mahesh Sadashiv Khutwad	4.8.2017	16.8.2017	Accepted & replied
2	Mr Jadhav Kiran Atmaram	3.10.2017	30.10.2017	Forwarded to other PA
<b>Year 2018-2019</b>				
1	K. Kumar	9.4.2018	28.4.2018	Accepted, Additional fee requested
2	S.M. Patil	8.5.2018	31.5.2018	Accepted & replied
<b>Year 2019-2020</b>				
1	Mr. Krishnan JU	01.07.2019	04.07.2019	Accepted & replied
2	Mr. SK Sharma	23.07.2019	19.08.2019	Rejected
<b>Year 2020-2021</b>				
1	Mr P.M. Nimse	21.7.2020	3.8.2020	Accepted & replied
2	Dr Dipakar Gosh	9.10.2020	22.10.2020	Accepted & replied
3	Mr. P. Palaniappan	16.3.2021	3.4.2021	Accepted & replied
<b>Year 2021-2022</b>				
	None			
<b>Year 2022-2023</b>				

1	Mr P.M. Nimse	24.5.2022	22.6.2022	Accepted & replied
2	Ms Babita Harpale	11.8.2022	25.8.2022	Accepted & replied
3	Mr Sunil Sood	1.10.2022	20.10.2022	Accepted & replied
4	Mr Rahul Pawar	30.11.2022	8.12.2022	Accepted & replied
5	Mr Suraj Girmal	2.12.2022	5.12.2022	Accepted & replied
6	Mr Suraj Girmal	22.1.2023	30.1.2023	Accepted & replied
7	Mr Subhanshu Shekhar	23.2.2023	16.3.2023	Accepted & replied
8	Mr Suraj Girmal	26.2.2023	16.3.2023	Accepted & replied
9	Mr Suarabh Bhokare	26.2.2023	16.3.2023	Accepted & replied
10	Ms Ankita Honkale	6.3.2023	16.3.2023	Accepted & replied
11	Ms Ankita Navlagi	11.3.2023	28.3.2023	Accepted & replied
12	Rohit Bhosale	25.3.2023	12.4.2023	Accepted & replied
13	Mr Subhanshu Shekhar	27.3.2023	13.4.2023	Accepted & replied
14	Mr Balasaheb Shisode	28.3.2023	12.4.2023	Accepted & replied

**(iii) List of completed schemes/ projects/ Programmes**

List of completed projects is given below:

1. Management of grape genetic resources of table, wine, raisin, juice and rootstock varieties - Phase II
2. Clonal selection in grapes
3. Characterization, regeneration and documentation of grape germplasm
4. Consortium Research Platform on Agrobiodiversity (ICAR-CRP funded)
5. In Silico Identification Of Abiotic Stress (Salinity) Responsive Transcription Factors And Their Cis-Regulatory Elements In Grape
6. Functional analysis of salinity stress response in grapevine (DBT funded)
7. Understanding rachis and berry elongation in response to GA3 application in Thompson Seedless grapes using functional genomics approach (DBT funded)
8. An integrated approach of molecular breeding for downy and powdery mildew resistance in grape (DBT funded)
9. Evaluation of rootstocks for growth, yield, fruit composition and wine quality of Cabernet Sauvignon grapes grown in Pune region of India
10. Performance of wine varieties for yield and quality wine under Indian condition
11. Standardization of cultural practices to increase quality yield of wine grapes
12. Evaluation of rootstocks for growth, yield and fruit composition of table and wine grapes
13. Proteomic Analysis of Thompson Seedless Grapes Grafted on Different Rootstocks at Different Phonological Stages of Growth and Development
14. Developing Petiole Nutrient Guides for Cabernet Sauvignon Grapes
15. Techniques to Improve Nutrient Use Efficiency Including Farm Waste
16. Standardizing irrigation schedule for Fantasy Seedless vines raised on 110R rootstock
17. Decision support system for enhancing productivity of grapes under moisture and temperature stress conditions (NASF funded)
18. Use of remote sensing for precision farming – case study for selected grape vineyards in Nasik (MNCFC funded)
19. Standardizing Irrigation Schedule for Cabernet Sauvignon Vines Raised on 110R Rootstock
20. Effect of plastic cover on grapevine growth and productivity
21. Standardization of growth regulator schedule for new grape varieties
22. Physiological disorders and their management practices in grapes
23. Studies towards enhancement of source sink relationship by <sup>14</sup>C/ gibberellin as radiotracer (BRNS-BARC funded)

24. Development and Testing of Disease Forecasting Models and Development of Pest Alert Systems
25. Studies on Bio-Efficacy of Fungicides and Safer Environmental Profiles Products for Management of Grape Diseases
26. Studies on Virus Diseases of Grapes
27. Isolation, bio-efficacy evaluation, characterization and formulation of viticulturally important micro-organisms
28. ORP on 'Diagnosis and management of leaf spot diseases of field and horticultural crops' - grapes
29. ORP on 'A holistic analysis for the absence of *Botrytis cinerea* infections in grapes
30. Development of microbial formulations for biological control of grape diseases (AMAAS funded)
31. Monitoring of fungicide resistance in natural field populations of *Plasmaopara viticola* and *Erysiphe necator* in commercial grape vineyards and developing mitigating strategies (Extramural)
32. Studies on the biology and control of the fungi causing anthracnose disease in grapes
33. Studies on the Management of Thrips
34. Insect biodiversity in grapevine ecosystem with emphasis on economically important grape pests
35. Consortium Research Platform on Borers in Network Mode (ICAR CRP funded)
36. Multi-pronged strategy for the management of Mealybugs in grapes
37. Out reach programme on management of sucking pests (ICAR ORP funded)
38. Identification and evaluation of  $\beta$  glucosidase producing yeast strains and its impact on wine quality
39. Profiling of grape varieties Shiraz and Sauvignon Blanc for its phenolic and aroma compounds from grape to wine
40. Monitoring of Agrochemical Residues in Grape and Grape Produce
41. Persistence Studies of Agrochemical Residues in Soil and Water
42. Studies on Dissipation Rate of New Generation Pesticides with Reference to Changing MRLs
43. Comprehensive screening of target, non-target and unknown emerging organic contaminants in fruits and vegetables by GC/MS and LC/MS (ICAR National Fellow project)
44. NRCG-DIPS-A system for diagnosis and management of important diseases and insect pests of grapes
45. Studies of pre-harvest and drying conditions to improve quality of raisins

46. Winery by-products utilization for value addition in food products

(iv) **List of schemes/ projects/ programme underway**

List of ongoing projects is given below:

1. Management of grape genetic resources of table, wine, raisin, juice and rootstock varieties - Phase III
2. Breeding for downy mildew resistance in seedless grape variety
3. Breeding for mildew resistance (Phase-II): Evaluation of promising hybrids and gene pyramiding
4. Breeding for naturally loose bunches and bold berries in grapes
5. Creating gene and ploidy variations for desired trait in grape using physical and chemical agents
6. Genetic improvement of coloured grapes.
7. Genetic improvement of grape rootstocks for drought and salinity tolerance (Phase-I)
8. Evaluation of grape genotypes for processability
9. Functional validation and expression assay of abiotic stress responsive transcription factors genes in grapevine
10. QTL mapping of bunch architecture related traits in grapes (*Vitis vinifera* L.) under Indian conditions
11. (partially funded by SERB)
12. Exploring the resistance potential of pseudo R-genes to evoke fungal resistance in *Vitis vinifera* (funded by SERB) (in collaboration with Panjab University, Chandigarh)
13. Validation of DUS descriptors for Indian grapes (*Vitis* spp.) (PPVFRA funded)
14. Evaluation of rootstocks for released and commercially promising grape varieties
15. Response of grape rootstocks under moisture stresses
16. Standardization of protocol for micro-propagation of grape (*Vitis vinifera* L.) rootstocks
17. Development of tissue culture techniques for production of quality planting material in grape
18. Studies on canopy management practices in different varieties of grapes.
19. To demonstrate techniques to improve water use efficiency in growers' field
20. Coordinated Horticulture Assessment & Management using Geoinformatics (CHAMAN-Phase-II) (MNCFC, DAC funded)
21. Development of Biocompatible Nanoclay-polymer Composites and Nanoparticles with reference to Retention and Release of Iron and Zinc in Grape (*Vitis vinifera* L.)
22. Determination of salinity tolerance threshold for Thompson Seedless grafted on Dogridge, 110R and 1103P rootstocks

23. Studies on usefulness of CCC for fruitfulness, its dissipation and fate in grapes
24. Climate based spatial delimitation of suitable grape growing regions in India using GIS
25. Development of a bio-intensive disease management schedule for production of disease free and residue compliant grapes (AMAAS partially funded)
26. Studies on bacterial leaf spot and its management in grapes
27. Identification and characterization of fungal and bacterial endophytes from grapevines and their evaluation as a biocontrol agent against major pathogens of grapevines in India.
28. Management of stem borer in grapes
29. Detection and management of biotic and abiotic stresses in vineyards using artificial intelligence based wearable device
30. Automated monitoring and advisory system for intelligent viticulture
31. Phytochemical profiling and development of nutraceuticals and value added products from grapes
32. Evaluation of varieties and drying methods for making coloured raisins.
33. Nutritional quality and safety evaluation of common processed products of grape (FSSAI funded)
34. Analysis and safety evaluation of agrochemical residues and contaminants in agricultural commodities and processed products
35. Non targeted impact of pesticide residues in vineyard ecosystem and its effect on grape and wine quality.
36. National Referral and Reference Laboratory Scheme of FSSAI for pesticide residues and mycotoxins in different commodities. (FSSAI funded)
37. National Referral Laboratory for Monitoring Pesticide Residues for Export of Fresh Grapes from India (APEDA funded)
38. Intellectual Property Management and Transfer / Commercialization of Agricultural Technology (NAIP funded)
39. Cultivation of Commercial Seedless Varieties of Grapes at Taldangra Horticulture R & D Farms of Bankura District, West Bengal (State Govt. of West Bengal funded)

**(v) Details of all contracts entered into including name of the contractor, amount of contract and period of completion of contract**

[Click here](#) to see details

**(vi) Annual Report**

[Click for details](#)

**(vii) [Frequently Asked Question \(FAQs\)](#)**

**(viii) Any other information such as**

- (a) [Citizen's Charter](#)
- (b) Result Framework Document (RFD)

(c) Six monthly reports on the Performance against the benchmarks set in the Citizen's Charter

**4.6 Receipt & Disposal of RTI applications & appeals [F.No 1/6/2011-IR dt. 15.04.2013]**

**(i) Details of applications received and disposed**

Given under 4.5 (ii)

**(ii) Details of appeals received and orders issued**

Nil

**4.7 Replies to questions asked in the parliament [Section 4(1)(d)(2)]**

Details of questions asked and replies given

- ✦ [Lok Sabha Question No 9572](#)
- ✦ [Rajya Sabha Dy No. U4757](#)
- ✦ [Lok Sabha Un-Starred Qn 1256 and 6](#)
- ✦ [Rajya Sabha Question Dy No U1470](#)
- ✦ [Lok Sabha Question Dy No 5662](#)
- ✦ [Lok Sabha Question Dy No 488](#)
- ✦ [Lok Sabha US Question Dy No 11931](#)
- ✦ [Lok Sabha Unstarred Question No 4566](#)
- ✦ [Lok Sabha Parliament Question DY No 8156](#)
- ✦ [Lok Sabha Parliament Question DY No 4299](#)
- ✦ [Lok Sabha Starred / Un starred Question Dy. No. 5799](#)
- ✦ [Rajya Sabha Starred Question No. 189](#)
- ✦ [Rajya Sabha Starred / Un starred Question Dy. No. U 40](#)
- ✦ [Lok Sabha Question No. 8177](#)
- ✦ [Rajya Sabha Question Diary No. U1395](#)
- ✦ [Rajya Sabha Unstarred Question No. 480](#)