

AGROVISION
FOUNDATION

ANNUAL
ACTIVITY
REPORT

— 2021-22 —



IMPROVING AGRICULTURE,
IMPROVING LIVES



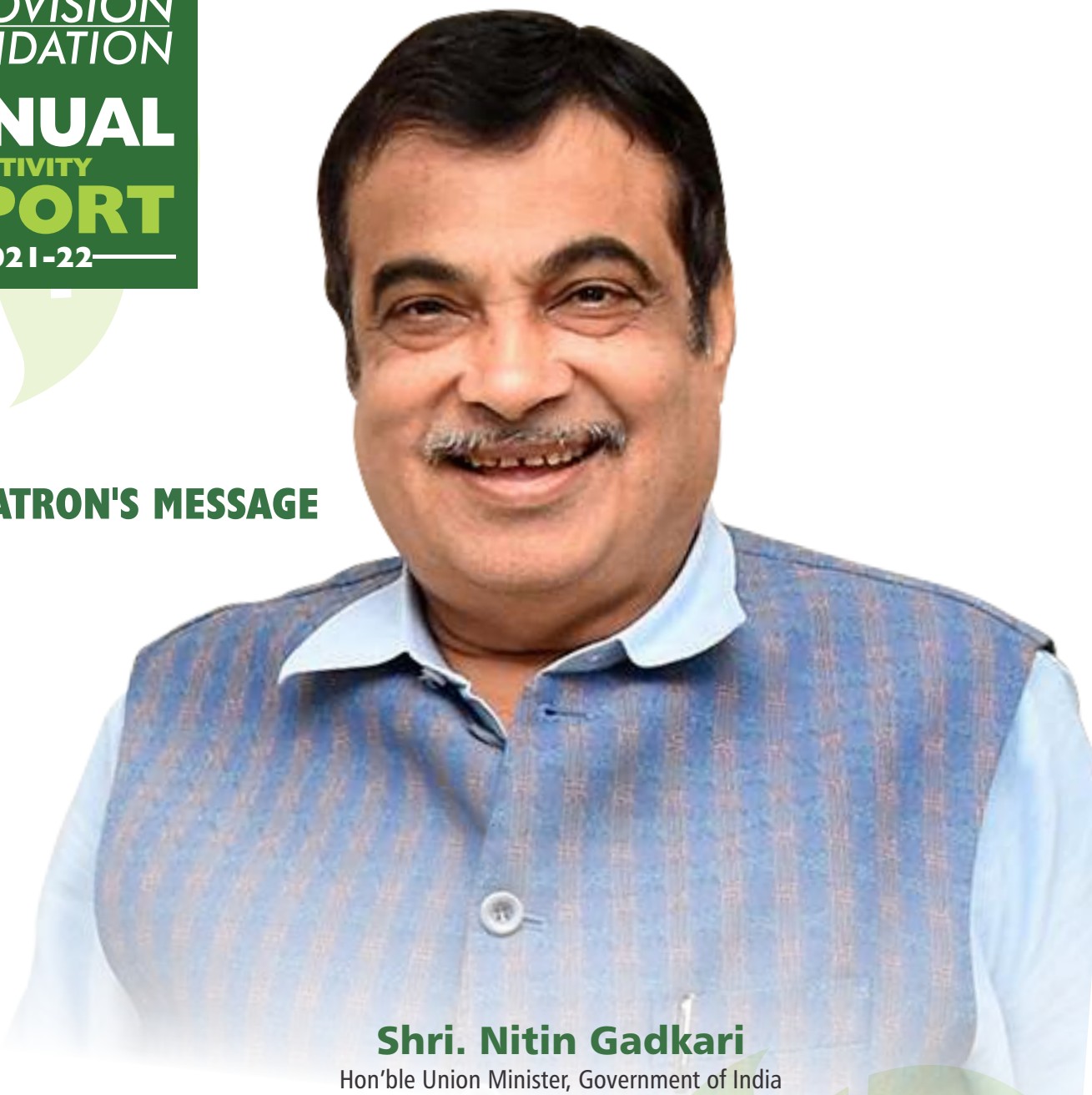


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OUR
CHIEF PATRON'S MESSAGE



Shri. Nitin Gadkari

Hon'ble Union Minister, Government of India

Advances in machinery have expanded the scale, speed, and productivity of farm equipment, leading to more efficient cultivation of more land. Seed, irrigation, and fertilizers also have vastly improved, helping farmers increase yields. Artificial intelligence, analytics, and other emerging technologies such as use of Drones in farming could further increase yields, improve the efficiency of water and other inputs, and build sustainability and resilience across crop cultivation and animal husbandry. Future agriculture will not only provide food & feed security but shall also make India fuel secured.



AGROVISION FOUNDATION

ANNUAL ACTIVITY REPORT

2021-22

FROM PRESIDENT'S DESK.....

Greetings to all the members of Agrovision foundation.

It is a great pleasure to place before you the annual activity report of Agrovision foundation for the Year 2021-22. Foundations activities this year were full of new initiatives and important events. As the number of Covid cases decreased by July 2021, Agrovision Foundation in collaboration with APEDA organised a programme on export potential for Agricrops / fruits and vegetables in vidarbha on 9th October 2021 at Nagpur. Around 220 stakeholders participated in the programme. Most awaited Agrovision was held at Nagpur from 24-27 Dec. 2021 after 2 years strictly following all the Covid guidelines given by Government. Agrovision has now evolved as a biggest agricultural summit in Central India in 12 Years. The response from the participants and farmers was overwhelming. I thank all the stakeholders for their continuing support.

Next in line was well planned training programmes & workshops for farmers in Vidarbha. All the training programmes & workshops were well received by the farmers. Pink bollworm of cotton, a dreaded pest, was contained in vidarbha by educating the farmers through digital, physical campaigns. This year was the fourth year of campaign which helped farmers to build up confidence in management of the pest.

Subsequently Agrovision Foundation with South Asia Biotechnology Centre, Jodhpur launched project Bandhan – first of its kind mega field experiment at 3 villages in Nagpur district namely Adasa, Waroda & Methpanjra. The project demonstrated mating disruption technology for integrated pest management to protect cotton plant from pink bollworm.

Detail survey of Cotton Farmers in Vidarbha has documented many facts. Recommendation given in the report will be helpful for the authorities for future planning.

As the pandemic comes to an end and life returns to normalcy activities of foundation will continue to full fill its mission.

THE MANAGEMENT TRUSTEES OF THE AGROVISION FOUNDATION



Shri. Ravi Boratkar
President



Dr. C.D. Mayee
Secretary



Shri. Ramesh Mankar
Treasurer

THE EXECUTIVE MEMBERS OF THE AGROVISION FOUNDATION

- Shri Sudhir Dive • Shri Anandrao M.Raut
- Shri Milind Tichkule • Shri Prashant Kukade

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Year At A Glance



Key Programs Area

- 1 Distribution Oxygen Concentrators
- 2 Special Project :
 - Mega-demo of Mating Disruption Technology (Project Bandhan) For Management of Pink Bollworm of Cotton In Vidarbha Region of Maharashtra
 - Pink Bollworm Campaign
- 4 Agri Export outreach program
- 5 Radio Agrovision Launch
- 6 12th AGROVISION
- 7 Workshops, Training & Webinar and Outreach

PROGRAM BRIEF:

DISTRIBUTION OF OXYGEN CONCENTRATORS

On Dated 26th May 2021, 'ART TO OXYGEN' a noble cause campaign by Agrovision Foundation, Nagpur and Kankali Trust Chennai Beena Unnikrishnan, a renowned artist has raised funds through sales of her paintings. 10 Oxygen Concentrators were handed over by Hon'ble Minister **Shri Nitinji Gadkari**. At this time Agrovision Foundation President Mr. Ravi Boratkar, Secretary Dr. C D Mayee and Treasurer Mr. Ramesh Mankar were present. These Machines were handed over to Health Institutions and will help to save the lives of patients living in Nagpur and Vidarbha region. A social cause to mitigate the consequences of Covid - 19.



AGRI EXPORT Workshops



units with pre-cooling and cold storage but before that farmers need training in all above areas. Shri Gadkari gave example of farmers from Nashik, who exports 50 times more agri produces than Vidarbha. However Vidarbha has different situation, Farmers' suicide is a major hurdle. Farming is not affordable. Hence it is pertinent for vidarbha to enhance export of some very useful agricultural produce.

Agrovision Foundation in collaboration with APEDA organized an Export Potential for Agri Crops / Fruits and Vegetables program in Vidarbha to promote agriculture crops export and adherence to global practices. Activities have included for capacity building and technical guidance to selected component's, Exporters, Traders and FPOs and Others organization and products in Nagpur on **9th October, 2021 from 10 AM to 5 PM** at Hotel Center Point, Nagpur More than 220 stakeholder participated in the agricultural export workshop.

Shri Nitinji Gadkari, Chief Patron Agrovision

Shri Nitinji Gadkari in his speech mentioned that to remove the poverty and hunger of Vidarbha farming community should get good rate to their produce. However that requires developments in many areas like export quality produce, good packaging, processing

Dr Angamuthu assured farmers that the same format of the program will be organized at Amravati for promotion of agriculture export from that division. Dr Angamuthu further added that APEDA will help Vidarbha's potential in agri, horticulture, veterinary and allied fields to convert in export. APEDA deals in almost 700 various products in agri, horti, fruits, and animal and fisheries products honey, medicinal and aromatic products from which APEDA has apprx 1.6 lakh Cr export. This also include 10 thousand lakh organic products. Fortunately from Vidarbha beside oranges there are many produces like rice, tribal products, medicinal plants as export requires adequate quantity for sourcing. Vidarbha being the Heart of India and has tremendous potential for export quality production.



Dr. M Angamuthu, Chairman APEDA



“RADIO AGROVISION WEB” STATION Launched

Agrovision Foundation signed MoU with PROSOUND, Nagpur, under the guidance of inspiring and visionary leadership **Shri Nitinji Gadakari**, Union Minister Gol. Being Chief Patron of Agrovision Foundation he is consistently working for the upliftment of farmers from of Vidarbha and Marathwada in state of Maharashtra. Now with increasing demands from farmers and to reach out to them on daily basis to “Educate, Encourage and Empower” them, **it has been decided** to set up a permanent **WEB-Radio Station** for farmers and was launched by the name of “**RADIO AGROVISION**” at Nagpur On dated 11th Dec. 2022. it was inaugurated by **Shri Nitinji Gadakari**, Union Minister Gol, at Press Club, Nagpur.

Special Project

MEGA-DEMO OF MATING DISRUPTION TECHNOLOGY (PROJECT BANDHAN) FOR MANAGEMENT OF PINK BOLLWORM OF COTTON IN VIDARBHA REGION OF MAHARASHTRA

The South Asia Biotechnology Centre (SABC) in collaboration with Agrovision Foundation, Nagpur, has launched Project Bandhan: A Knot of PBW Protection to embrace the cutting-edge innovation by tagging **PBKNOT** to protect the cotton plant from devastating pink bollworm (PBW).

Project Bandhan is supported jointly by PI Foundation and Rasi Seeds and is being implemented across Vidarbha, Maharashtra, in partnership with cotton and textile value chain partners. The project aimed at demonstrating mating disruption technology, promoting integrated pest management (IPM) based package of practices (POP) developed by ICAR-CICR, intensifying skill development and training programmes and amplifying effective PBW control measures to farmers across the Vidarbha region. As part of the launching ceremony, Project Bandhan has distributed high-quality Bt cotton hybrid seeds and IPM-based POP in five clusters to **300 smallholder** farmers of village Adasa/Waroda/Metpanjara of Nagpur.

The Project Bandhan is successfully carrying out “first-of-its-kind” field experiment laid out over 300 acres in 5 clusters of cotton fields in Kharif 2021 at villages Waroda and Adasa of Kalmeshwar taluka and Methpanjara of Katol taluka, Nagpur District of Maharashtra.





Pink Bollworm Campaign

06 September 2021, Maharashtra: Shri Sunil Chatrapal Kedar, Hon'ble Cabinet Minister of Animal Husbandry, Dairy Development, Sports and Youth Welfare of Government of Maharashtra flagged off PBW knowledge campaign during the farmers' mela held at APMC Yard, Kalmeshwar taluka of Maharashtra on 5 Sept 2021.

More than 1000 cotton farmers participated in launching ceremony as part of a multi-stakeholder "Project Bandhan: A Knot of PBW Protection" implemented by South Asia Biotechnology Centre

(SABC), Jodhpur and Agrovision Foundation, Nagpur and supported by PI Foundation and Rasi Seeds Pvt Ltd. The PBW knowledge campaign float carries digital PBW extension system, posters and leaflets & training materials and would travel across key cotton growing districts of Vidarbha to share critical knowledge with smallholders to protect the cotton from devastating pink bollworm.

AGROVISION Central India's Largest Agri Summit

Agrovision Foundation organized **12th AGROVISION**, Central India's Largest Agri Summit from 24th to 27th December 2021 at Reshimbag ground Nagpur.

The theme of **12th AGROVISION** was "Transforming Agriculture through Technology Innovations" AGROVISION was inaugurated at the hands of **Shri Narendraji Singh Tomar**, Hon'ble Union Agriculture Minister and farmer's welfare, Govt of India in the presence of **Shri Nitinji Gadkari**, Union Minister of Road Transport & Highways, Govt of India, and **Dr. C. N. Ashwath Narayan**, Hon'ble Minister for Electronics, IT, BT and S&T Higher Education, Skill Development, Entrepreneurship & Livelihood, Karnataka.

Dr C D Mayee, Chairman of Advisory Council –AGROVISION, **Shri Girishji Gandhi**, Convener, AGROVISION and **Shri Ravi Boratkar**, **Shri Ramesh Mankar**, Organizing Secretary AGROVISION and Other Hon'ble members of the AGROVISION Committee were present at the occasion.



NATIONAL EXPO



The area of the **Grand National Expo at Agrovision** was **25,000** square meters. Thousands of farmers from Maharashtra, Chhattisgarh, Madhya Pradesh, Rajasthan, Punjab, Arunachal Pradesh, Assam and Gujarat visited the Expo. More than **350 medium and small companies**, as well as well-known agribusiness organizations, showcase their products and services at the National Agrovision Expo.

New Technology and products are introduced through the expo.

•Drone Technology •Seedless Custard Apple •Advanced solar fencing •Spraying kit for spreading Chemical •Advanced Color Sorter Machine •IFFCO NANO Nitrogen Zinc and Copper •Smart Dairy Technology Equipment •Bamboo Handicraft •Vertical farming •Live model and Renewable Energy Covering, Solar, Wind, Biogas, Biomass, Biofuel Bus , Electric vehicle charging and Street Lighting and, • Soil moisture sensors for irrigation water management

Workshops :

Agrovision has always included workshops aimed for Educating, Encouraging and Empowering farmers. Agrovision conducted 26 workshops on various topics. In this workshop, a total of 44 experts and scientists shared their information and new techniques for farmers. More than 40,000 farmers participated in the workshop. Topics were: • Floriculture • Vegetable Seeds Production • Introduction of government scheme National Apprenticeship Promotion Scheme (NAPS) Presentation by Ministry of Skill Development and Entrepreneurship (MSDE). • Bamboo Cultivation • Colored and organic cotton and stalk utilization and Krishi Kirtan • Use of proper fertilizers • Economic prosperity through forest farming • Vertical Farming • Mechanization opportunities for small farms • Sericulture • Goat rearing • Poorti Sinchan • Agri Finance • Organic Farming • Jalayukt shivar • Export quality production of citrus and banana • Enhancing productivity of traditional rainfed oilseed crops • Scope of sustainable agro tourism in Vidarbha • Mushroom production • Poultry Production in Vidarbha: Opportunities and Challenges • Group Farming • Saguna Technology for Rice • Turmeric and Ginger Cultivation and Processing • Bombay Stock Exchange



Conferences :

1. 'Opportunities for Dairy Development in Vidarbha'

Agrovision Foundation organized a Conference on 'Opportunities for Dairy Development in Vidarbha' was organized on 25th December, 2021. Shri Sunilji Kedar, Hon'ble Minister of Animal Husbandry, Dairying and Fisheries, Govt. of Maharashtra inaugurated the conference and it was presided over by Shri. Meenesh C Shah, Chairman, National Dairy Development Board (NDDB). He spoke about the ongoing efforts to increase milk production in Vidarbha and Marathwada. He informed that 5 lakh liters of milk will be collected from Vidarbha and Marathwada soon and measures are being taken for this. He said that National Milk Development Board started the scheme for Vidarbha from 2016. Initially, 12 villages including 6 in Vidarbha and 6 in Marathwada were added to this scheme. Today 11 districts including 7 in Vidarbha and 4 in Marathwada and 2700 villages in them are participating in this scheme. 1Cr has been spent on this project and 14,700 farmers have benefited from this scheme. The Conference was a grand success as more than 1000 farmers attended the program.



2. 'Scope of Inland Fisheries in Vidarbha'

A conference on the scope of inland fisheries in Vidarbha was organized on 26 December 2021 under the guidance of the Fisheries Department of the Government. India and it got a great response. While addressing the chief guest delegates, Shri. Taga Taki, Minister of Agriculture and Fisheries, Arunachal Pradesh and D. Suvarna Pagaria, CEO of NFDB. She said that the more rivers, streams, lakes and reservoirs are available in Vidarbha, the more scope there is for the development of fisheries. Fisheries are being promoted through a scheme to increase productivity and Shri Taga Taki said the issue of suicide of farmers in Vidarbha is serious. Therefore, farmers here need to focus not only on cotton but also on fisheries and animal husbandry and dairy farming. While farming, fish farming can also benefit the farmers. However, he said that conservation of natural water resources in nature was an important factor in the development of agriculture and appreciated the large scale implementation of initiatives like Agrovision. The event was attended by more than 400 farmers.



3. 'Technology in Agriculture'

The conference was addressed by Dr Shashikant Chaudhari, Sachin Suri, Sujit Sahgal and Mrs. Shweta Thakre. The conference was attended by a large number of young technocrats and innovators interested in agriculture. Notable innovations such as vegetable coolers, customized IT solutions for farmers and smart market access for marketing food at the highest prices were the main features of the conference. Shri Nitin Gadkari ji has repeatedly emphasized that the use of new technologies for GDP, which is currently increasing agricultural production from 10% to 12% to 20%, is very understandable. This is important and their dream cannot come true without your help and that is what we try to do. The event was attended by more than 200 farmers.



Valedictory Function The valedictory function to exhibitors, sponsors, and successful farmers who have done outstanding work in the field of Agriculture was honored with souvenirs and certificates. **Essay Competition:** Agrovision Foundation Organizes Essay Competition for the college student on a certain topic each year. This year essay topic was; INDIA Agriculture @75: Lesson Learnt since Independence for planning future Growth of Agriculture "and the essay competition winner's received award. **Farmer Success Award-2021** The annual award was given by the Agrovision Foundation to the farmers who have contributed in the field of agriculture. Five categories of successful dry land farming, horticulture, dairy, water conservation and allied agribusiness were recognized for the award.



Workshops, Training, and webinar Year -2021-22

WEBINAR TRAINING WORKSHOPS

Sr.No	Activity Name	Location	Date	Expert	Participant
1	Workshop of Pink Bollworm Management	Shivaji Science Agri College Amravati.	26th Aug 2021	02	95
2	Workshop of Pink Bollworm Management	(KVK), Yavatmal	9th Sept 2021	02	250
3	Workshop of Pink Bollworm Management	(KVK)-CICR ,Nagpur	16th Sept 2021	02	80
4	Workshop of Pink Bollworm Management	KVK-Wardha	13th Oct 2021	02	70
5	Workshop of Pink Bollworm Management	Grampanchayat–Gumthara	10th Oct 2021	02	35
6	Export Potential for Agri Crops / Fruits and Vegetables in Vidarbha	Centre Point Hotel , Nagpur	9th Oct 2021	03	220
			Total	13	750

Sr.No	Activity Name	Location	Date	Expert	Participant
1	Training on Goat rearing	CICR-KVK , Nagpur	24,25,& 26 March 2022	07	142
			Total	07	142

Sr.No	Activity Name	Location	Date	Expert	Participant
1	Horticulture Development for farmers prosperity	Online –Zoom Platform	08th Sept 2021	06	215
			Total	06	215
			Total All Activities Coverage's	26	1100

Sr.No	Programme	Nos.	Expert	Participant Coverage
1	Trainings	25	59	1319
2	Workshops	204	224	2.60 Lakhs
3	Conferences	12	137	5200
4	Online –Workshops	12	42	4700
5	Online –Webinars	21	117	22596
6	Online –Farmers Interaction	11	55	1.20 Lakhs
7	Online – Summit	1	35	3600
8	Organizations /Company participating in the Agrovision exhibition	1700	-	-
9	Farmers Participating in Agrovision exhibition	-	-	33.5 Lakhs
10	Special Project completed	5	-	3500
11	Farmers Success Stories	27	-	-
			Total All Activities Coverage's	37.70 Lakhs

AGROVISION FOUNDATION OUTREACH in last 6 Years

Glimpses Of Activities



Dr Y G Prasad, Director, ICAR-CICR , Nagpur



Dr C D Mayee, Chairman , SABC Jodhapur



Dr. M Ramasami, Chairman, Rasi Seeds Pvt Ltd,



Dr. Rajendra Gade, DEE, Dr. PDKV, Akola



Dr T R Sharma, DDG (Crop Science) ICAR



Goat Farming Training, KVK-CICR , Nagpur

AGROVISION FOUNDATION

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