



Natural Farming

A New Dimension for Sustainability
and enhanced Farmers Income

Natural Farming

Natural Farming

Urine based farming system that does not involve any external Chemical or Organic Fertilizers

- It is known by various names like; Zero Budget Natural Farming, Prakrithik Krishi, Cow Based Natural Farming, Shashwat Kheti, Chemical Free Agriculture, etc.
- Gol is promoting Natural Farming through a scheme named Bhartiya Prakrit Krishi Padhti (BPKP)

Benefits of Natural Farming

- Reduces cost of cultivation
- Reduces water requirement of crops
- Climate change resilient, reduces risks in farming
- Rejuvenation of farm lands
- Safe and healthy food for citizens
- Utilising the available cattle (Desi Cow) as valuable resource
- Helps in arresting growing needs for fertilizer and reduce subsidy burden

Experience of Natural Farming in leading states

Andhra Pradesh

- Initiated in 2015 by Rythu, Sadhikara Samstha (RySS)
- Knowledge Dissemination to Community Resource Person (CRPs) through Master Trainers
- Started with 900 CRPs grew to 18,000 as best practitioner of NF

Himachal Pradesh

- Launched in 2018 by Hon'ble Governor Acharya Devvrat
- 4 mega farmer sensitisation program for 6 days each
- Farmer experience led to development of local crop wise Package of Practices

Gujarat

- Hon'ble Governor Acharya Devvrat started the program in 2019
- One-day workshop for 10,000 farmers in 2019 followed by seven days trainings of 21,861 Master Trainers
- Large scale dissemination of NF techniques and Success Stories through pamphlets and video(s)

S.No	State	Farmers Covered	Gram Panchayat	Area Covered	Implementing Agency
1	Andhra Pradesh	5.92 Lakh (12.3%)	3,730 (28%)	2.68 Lakh Ha (4.6%)	RySS, State Govt. Corporation
2	Himachal Pradesh	1.53 Lakh (16%)	3,563 (98.2%)	9192 Ha (0.96%)	State Project Implementation Unit
3	Gujarat	2 Lakh (3.76%)	8,500 (59.6%)	2.5 Lakh Ha (2.5%)	Dedicated State Government Unit

Promotion of Natural Farming (NF)

Paramparagat Krishi Vikas Yojana (PKVY)

- **30,934 clusters (20 ha each) formed since 2015-16**
- **6.19 lakh ha** area and **15.47 lakh** farmers benefitted.
- Various brands developed
- A dedicated online **web portal-** www.Jaivikkheti.in

Bhartiya Prakrit Krishi Padhti (BPKP)

- Gol is promoting Natural Farming through a sub-scheme named BPKP since 1920-21
- **BPKP same as PKVY with focus on handholding & capacity building**
- [Area covered - 4.09 lakh ha \(980 clusters of 500 ha each\)](#)

Namami Gange

- 1657 Gram Panchayat in Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal for development of Organic farming in the villages along the river Ganga
- Under **Namami Gange Programme 6,181 clusters and 1,23,620 ha area covered**

Large Area Certification (LAC)

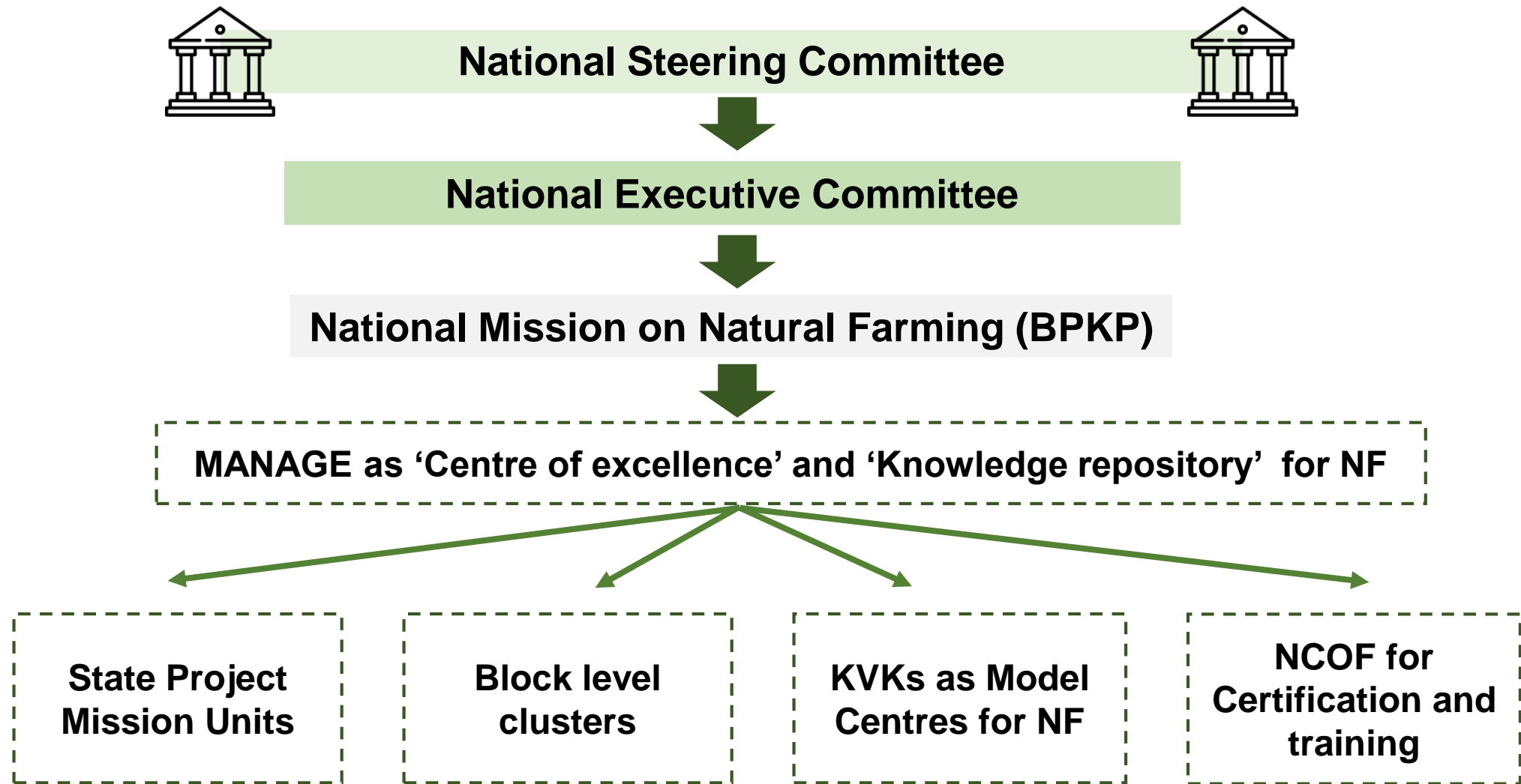
- Large contiguous areas under traditional organic farming systems with no synthetic input / chemical input use history are declared certified Organic under LAC
- **Car Nicobar - 14,445 ha**
- **Lakshadweep – 2,700 ha area**
- **Ladhak – 5000 ha area**

Budget Announcement:

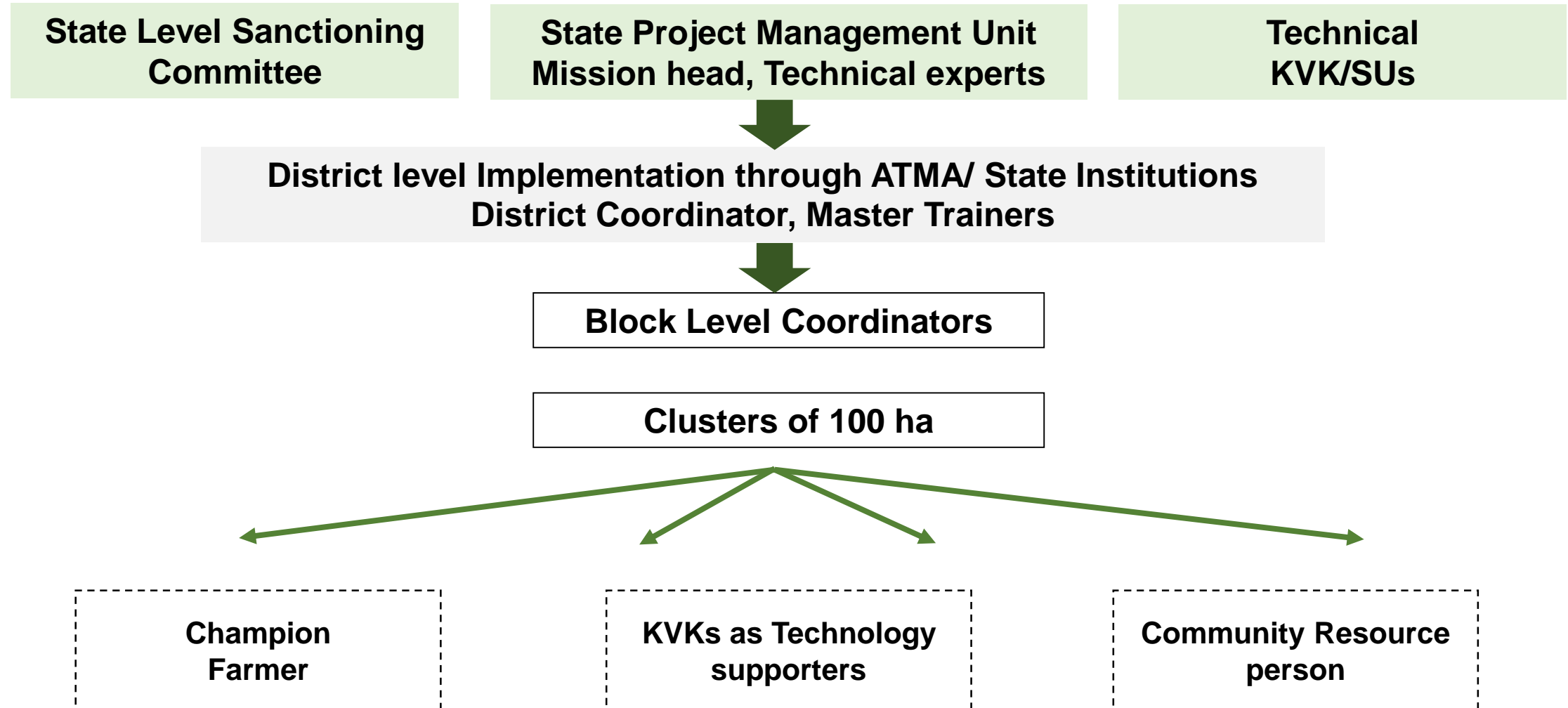
“Natural Farming will be promoted throughout the country, with a focus on farmers’ lands in 5-km wide corridors along river Ganga, at the first stage”

“States will be encouraged to revise syllabi of agricultural universities to meet the needs of natural, zero-budget and organic farming, modern-day agriculture, value addition and management”

Proposed Mission Mode Implementation



Proposed Implementation under Mission Mode (At State Level)



Strategies for outreach

Natural Farming to be promoted throughout the country, with a focus on 5-km corridors along river Ganga,

- **1.23 lakh ha already covered under organic farming** in cluster mode
- Remaining area to be brought under natural farming
- Clusters to be developed in value chain mode with facilities for postharvest and value addition infra with market linkages
- NCOF to be renamed as National Centre for Organic and Natural Farming, NCOF to develop certification through separate portal
- Support to ICAR for developing KVKs as centres of capacity building, training and demonstrations

Revision of syllabus
under Agricultural Universities

- **ICAR committee to draft syllabus and course curriculum for inclusion in UG and PG courses**
- ICAR already notified a dedicated Masters course in Organic farming
- Gujarat Organic Agricultural University (GOAU), Godhra, is running degree courses on natural farming

Stakeholder consultation on contours of NF

- Possible contours of National Mission on Natural Farming
- Role & responsibilities for MANAGE to become Centre of Excellence & Knowledge Repository on Natural Farming
- Development of National Institutional framework for capacity building of farmer
- Developing simple and affordable product and process certification system
- Developing modalities for Quality Assurance for natural produce under NF
- Consumer awareness for market development and enabling market-friendly ecosystem
- Support to states for Mission management (at state headquarter, the district headquarter, block headquarter, and IEC activities)
- Identification of focus areas for mission mode implementation of NF
- Formulation of Package of Practice for NF
- Data repository for natural farmers, starting with the base line data of starting farmers, transformation of farmers, their soil testing reports and practices being adopted, and yield levels.

Breakout Session 1: 'Natural Farming and its Outreach'

Conference Room No : 120 – Krishi Bhawan

Chair: Shri Narendra Singh Tomar, Hon'ble Agriculture Minister

Moderators: Sh. Sanjay Agarwal, Secretary, Agriculture & Farmers Welfare & Sh. Rajesh Kumar Chaturvedi, Secretary , Fertilizers

Topic

Speaker

1. Natural farming: Agro-ecology based Agriculture System for Improving Farmer's Income

Dr. Rajiv Kumar, Hon'ble Vice Chairman NITI Aayog

2. Case study on Outreach Strategy in Natural farming

Shri T. Vijay Kumar, RySS, Andhra Pradesh

3. Market Potential for Chemical Free Natural & Organic Products

Shri Pankaj Agarwal, Chairman, Confederation of Indian Organic Industry

A short Film on the theme will be played

4. Practice of Natural Farming

Padmashri Hukum Chand Patidar, Practitioner NF, Rajasthan: Practice of Natural Farming

5. Scaling up Natural Farming

Prof. Rajeshwar Chandel, ED, Prakritik Kheti Khushhal Kisan Yojana, HP

6. Syllabi of Agriculture Universities in Zero-Budget Natural Farming & Organic Farming

Shri R.C. Agrawal , DDG (Agriculture Education) ICAR

AUDIENCE: Central Govt./State Govt./KVK/ICAR Institutes/FPOs/Organic & Natural Farming Cluster/ Organic Certification Bodies/Practising Farmers/Organic Product Exporters/ Citizen Group



Thank you

Implementation status - BPKP

Area covered - 4.09 lakh ha (980 clusters of 500 ha each)

1. A.P - 1,00,000 lakh ha
2. Kerala – 84,000 ha
3. Chhattisgarh – 85,000 ha
4. Jharkhand – 3,400 ha
5. H.P – 12,000 ha
6. Odisha – 24,000 ha
7. Madhya Pradesh – 99,000 ha
8. Tamil Nadu – 2,000 ha

Total – 4,09,400 ha area