

OUT SCALING OF NATURAL FARMING



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Objective of Natural Farming....



Natural farming (NF) is a holistic ecological farming approach that is closely observing the natural conditions in order to build a mutually beneficial relation between the farmer and nature.

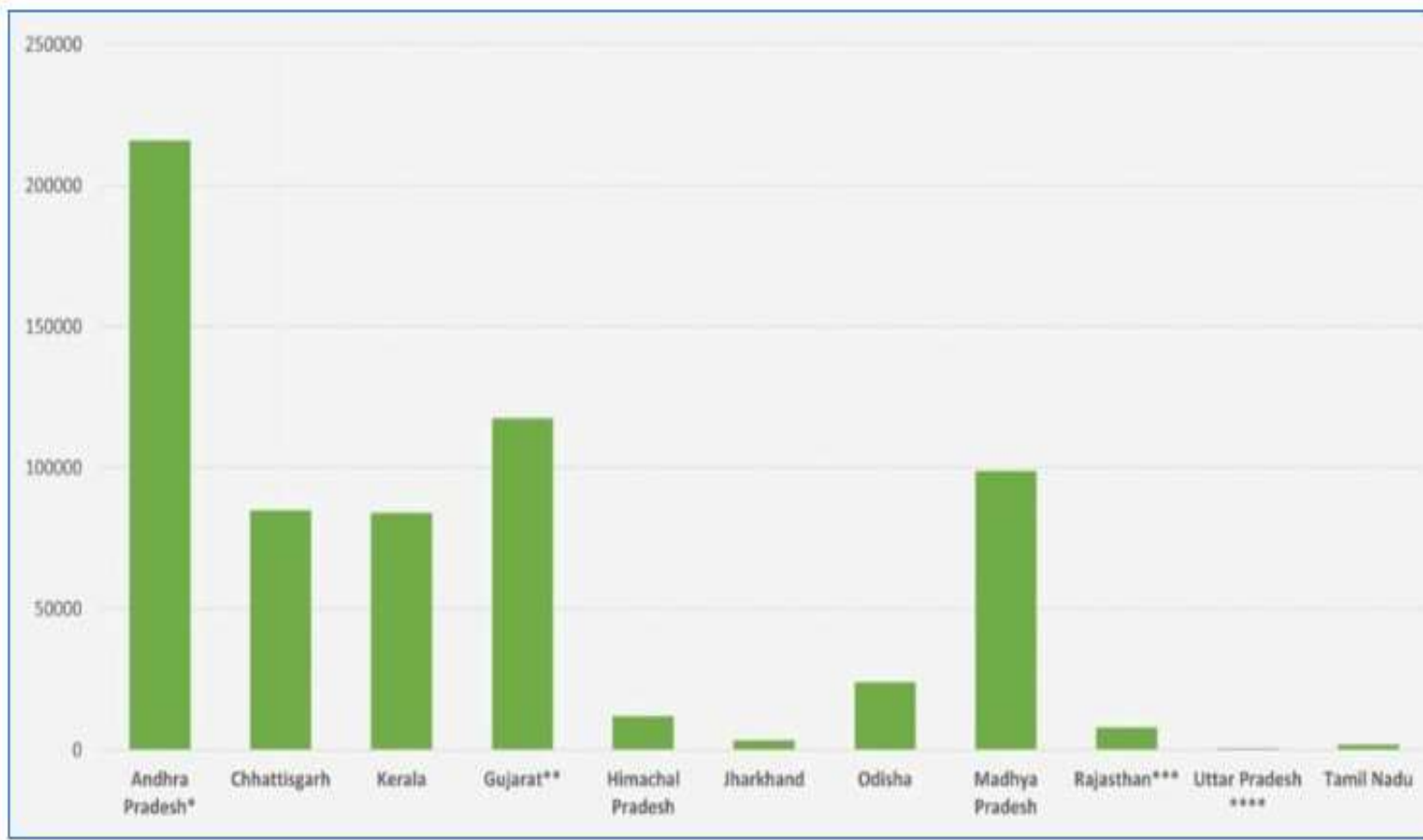
- ❖ System works along with the natural biodiversity of farmland, encouraging the complexity of living organisms that shape each particular the climax ecosystem.
- ❖ Climax ecosystems are mature ecosystems that have reached a high degree of stability, productivity and diversity.
- ❖ Attributes: Minimal tillage, intercropping, crop rotation, mulching, maximum functional biodiversity and no use of agrochemicals & fertilizers.



Objective:

- To understand perception of farmer adopting and not adopting the natural farming.
- Preserve natural flora and fauna
- Restore soil health and fertility and soil's biological life
- Promote natural beneficial insects, animals and microbes in soil
- Promotion of local breeds for livestock integration
- Use of natural / local resource-based inputs

Major states in India practicing Natural Farming...



(Source: NITI Aayog)



OVERVIEW OF THE SITES/AREAS OF DIFFERENT ACTIVITIES



Operational villages - Hanjraguda, Missinguda &



KVK,



GOOGLE EARTH MAP OF DIFFERENT SITES OF THE NF



Village - Missinguda

<https://earth.google.com/web/@19.4207407,75.757511,100m/data=!3m1!1e3!1sMissinguda>



Village- Hanjaraguda

<https://earth.google.com/web/@19.4207407,75.757511,100m/data=!3m1!1e3!1sHanjaraguda>



Village- Gunthaput

<https://earth.google.com/web/@19.4207407,75.757511,100m/data=!3m1!1e3!1sGunthaput>

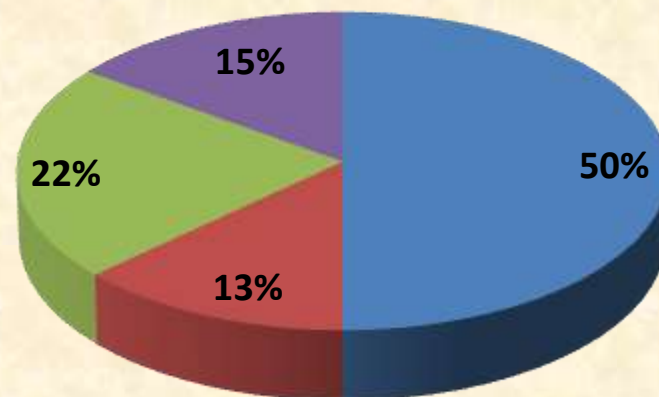


Demographic Information



Total Area	8,81,930 ha
Cultivated area	3,01,500 ha
Irrigated area	<i>Kharif</i> - 136919 ha <i>Rabi</i> - 77006 ha
Soil Type	Red Laterite
Rain fall	1567.2 mm
Temperature	Max: 40 ⁰ C Min: 4.6 ⁰ C
Major crops	Rice, Ragi, Finger millet fallow, Kango, Niger, Mustard, Ground nut, Little millet-Niger, Vegetables, Arhar, Rice bean, Sweet potato, Ginger, coriander, Turmeric-fallow, Ginger
Total Population	1,379,647
Sex ratio (F:M)	(1031:1000)
Literacy (%)	M = 60.32, F= 38.55
No of communities (%)	ST- 50, SC-13, OBC- 22, GEN -15

Caste wise distribution of the population of the Zone



■ ST ■ SC ■ OBC ■ GEN

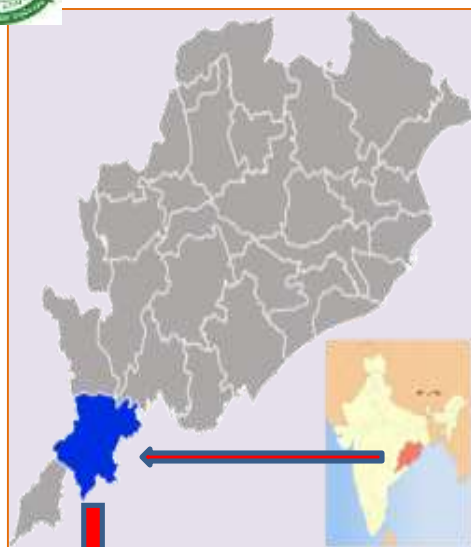
Source: DPMU, Koraput (2015)



Map of KVK district / operational areas with AES boundaries

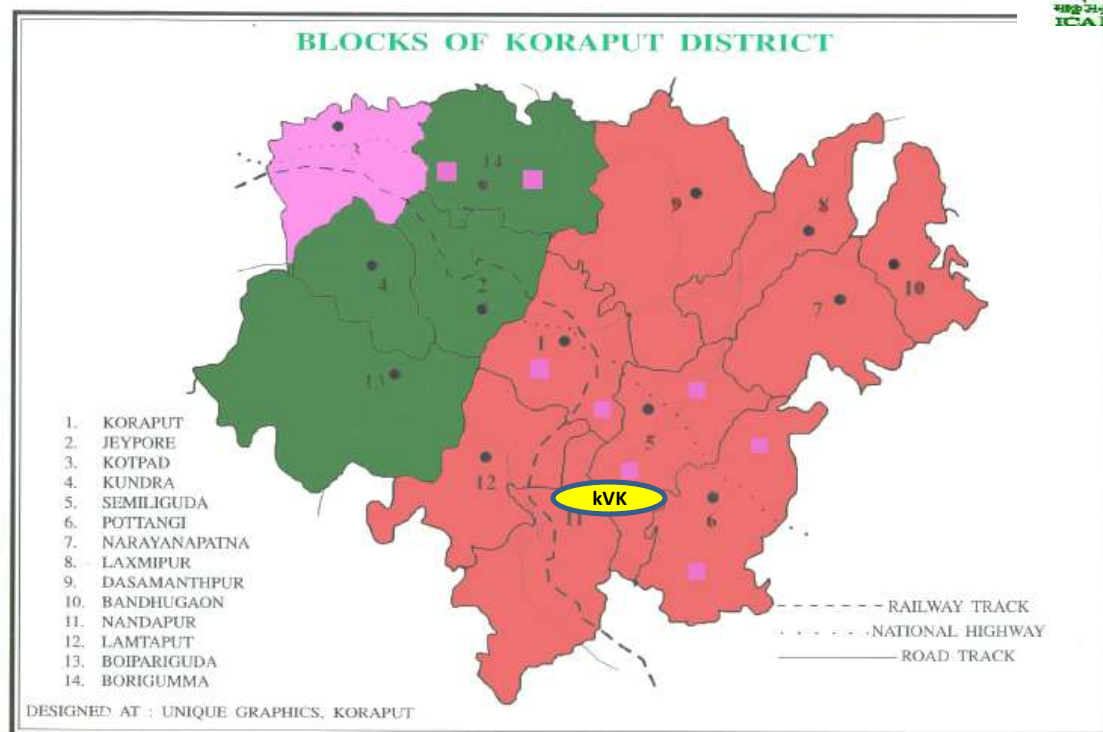


Koraput District in India and odisha



Latitude-18°48'43.70" N

Longitude-82°42'43.16" E



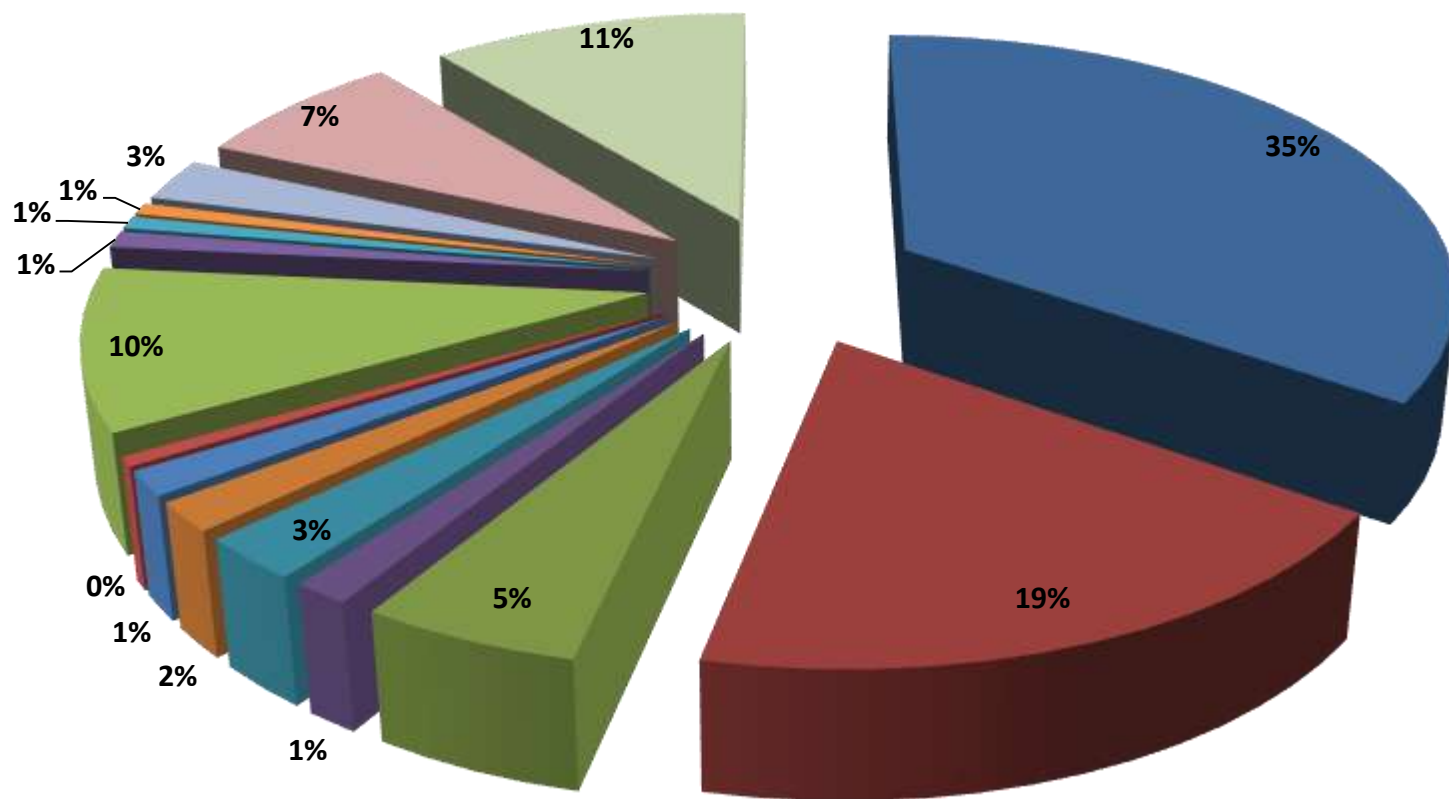
ACZ	Farming Situation	Blocks	Normal Crop/Cropping System
Easter Ghat High Land Zone	Farming Situation – I (600-900 m.	Koraput, Pottangi, Nandapur, Semiliguda, Laxmipuur, Narayanpatana, Bandhagaon, Dasmantpur	Rice/Vegetables/Ginger/Turmeric-Fallow Finger millet-Fallow , Little millet-Niger, Rice/Vegetables, Rice-Rice
Southern Eastern Ghat Zone	Farming Situation-II (300-600m.)	Jeypore, Boipariguda, Borigumma, Kundra	Rice/VegetablesFallow, Finger millet-Fallow, Rice/Vegetables, Rice-Rice
	Farming Situation-III (< 300m.)	Kotpad	Rice-Rice, Rice/Vegetables-Fallow, Finger millet-Fallow



Major crops of the district



Major Crops of the Districts



Rice	Ragi	Maize	Arhar	Kulthi
Field pea	Biri	Gram	Niger	Mustard
Ginger	Turmeric	Sugarcane	Vegetables	Total Fruits







**Onion treated with
Jeevamrit**



**Pineapple as an intercrop in mango orchard
with straw mulch**



Teak+ Black pepper+Coffee



Cardamom



Conservation of Local Land Races of Finger mi (31)



ON THE EVE OF INTERNATIONAL YEAR OF
MILLETS (2023)





ACHIEVEMENT OF DIFFERENT AWARENESS PROGRAMMES



DATE	TITLE OF THE AWARENESS PROGRAMME	NAME OF THE VILLAGE	NO. OF PARTICIPANTS
30.01.2024	KISSAN MELA ON NATURAL FARMING	NISANIMUNDA, KORAPUT	520
31.01.2024	INAGURATION OF TABLEAU	NISANIMUNDA, KORAPUT	MASS
05.02.2024	AWARENESS PROGRAMME	MISSINGUDA	



SEED FAIR CUM EXHIBITION



GLIMPSES OF KISAN MELA AND EXHIBITION



EXHIBITION STALL VISITED BY FARMERS AND PUBLIC REPRESENTATIVES (MP & MLAs) [30.01.2024]



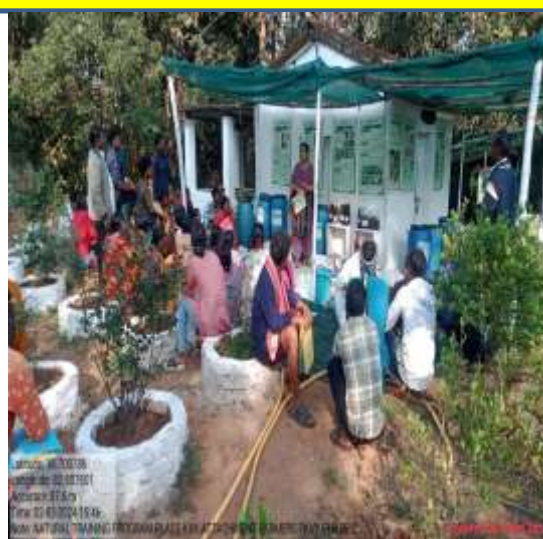
INNAGURATION OF TABLEAU IN THE PRESENCE OF LINE DEPARTMENT OFFICIALS (31.01.2024)



GLIMPSES OF AWARENESS PROGRAMME



AWARENESS PROGRAMME ON NATURAL FARMING AT MISSINGUDA (05.02.2024)



METHOD DEMONSTRATION FOR PREPARATION OF DIFFERENT COMPONENTS OF NATURAL FARMING



ACHIEVEMENTS OF TRAINING PROGRAMME



DATE	TITLE OF THE TRAINING PROGRAMME	VENUE OF THE TRAINING PROGRAMME	NO. OF PARTICIPANTS
01.02.2024 to 02.02.2024	Out scaling of natural farming	On campus	40
03.02.2024 to 04.02.2024	Out scaling of natural farming	On campus	40



GLIMPSES OF TRAINING PROGRAMME



**TRAINING PROGRAMME ON
NATURAL FARMING**



**METHOD DEMONSTRATION
DURING TRAINING PROGRAMME**



**STEPWISE DEMONSTRATION FOR
PREPARATION OF BIO-
STIMULANTS**



**TRAINING PROGRAMME ON
NATURAL FARMING**



**FARMERS VISITED THE
NATURAL FARMING UNIT OF
KVK, KORAPT**



**CERTIFICATE DISTRIBUTED
TO THE FARMERS**



ACHIEVEMENTS OF TRAINING PROGRAMME



DATE	TITLE OF THE TRAINING PROGRAMME	VENUE OF THE TRAINING PROGRAMME	NO. OF PARTICIPANTS
05.10.2024 to 06.10.2024	Out scaling of natural farming	On campus	40





GLIMPSES OF TRAINING PROGRAMME



AWARENESS & TRAINING PROGRAMME ON NATURAL FARMING



METHOD DEMONSTRATION FOR PREPARATION OF DIFFERENT COMPONENTS OF NATURAL FARMING



VISIT OF HIS EXCELLENCY, HON'BLE GOVERNOR OF ODISHA, S.J. RAGHUBAR DAS TO KVK, KORAPUT AND HE EMPHASIZED UPON THE NATURAL FARMING ACTIVITIES





KVK SPREAD IN SOCIAL MEDIA



VISIT OF HIS EXCELLENCY GOVERNOR OF ODISHA TO KVK, SEMILIGUDA, KORAPUT WHICH UPLOADED BY OFFICIAL TWITTER ACCOUNT OF THE HON'BLE GOVERNOR, ODISHA STATE

VISIT OF RESPECTED COLLECTOR & DISTRICT MAGISTRATE, KORAPUT TO KVK, SEMILIGUDA, KORAPUT WHICH UPLOADED BY OFFICIAL TWITTER ACCOUNT OF THE DISTRICT ADMINISTRATION, KORAPUT



MEDIA COVERAGE



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Monthly Newsletter OCAT Times

Jan, 2024



Prof. Prasad Kumar Redd,
Hon'ble Vice Chancellor, OUM,
addressing Training program for
Veterinary officers on "X-ray
and Ultrasonography as Modern
Diagnostic Techniques for
Veterinarians" at College of
Veterinary Science & Animal
Husbandry, OUM.
Bhuvanagiri on 16.01.24.



Two days National Farming Exhibitions cum Seed Fair jointly organized by Krishi Vigyan Kendra, Koraput and PRAGATI NGO at Koraput on 18.03.24.

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AWARD & RECOGNITION



BEST EXTENSION SCIENTIST AWARD ON 62ND UNIVERSITY FOUNDATION DAY



BEST PRESENTATION AWARD ON NATURAL FARMING



POSTER PRESENTATION AWARD ON NATURAL FARMING



AWARD & RECOGNITION



BEST KRISHI VIGYAN KENDRA AWARD FOR THE YEAR 2023-24

Back to Nature
Human Strive to know the
Unknown

Thank You

