

IFAD-EU-CCAFS Project National Stakeholder Meeting

**Community Perspective on Need And
Opportunities For NUS**

Action For Social Advancement (ASA), MP
East Region

Community of Eastern MP

- More than 60% HH are Schedule Tribe.
- Major source of Livelihood is Agriculture
- NTFP (Mahua, Tendu and Saal leaves, Harra, Baheda and Chirongi etc) collection, small scale enterprise/service sector and Livestock sector are the other source of livelihood.
- Seasonal Migration is a regular feature of this region.

Need of NUS

- NUS (Minor and Small millets) are used by LC as a food on routine basis.
- NUS (Niger and Til) sown by LC for oil purpose and also as a cash crop.
- NUS are cultivated in dry land, which is not suitable for major crops.
- Traditional varieties of NUS are more susceptible for the region/climate specific i.e.- less maturity days, drought/pest resistant etc.

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- Husk of Millets used for fodder purpose.
- Millets are useful for diabetic patient.
- Millets are the rich source of Calcium and Iron as compare to major cereal crops.
- Ragi contains 344 mg Ca and 9.8 mg Fe in 100 gm of Grains, while rice contains only 41 mg Ca & 5.3 mg Fe
- Millets are also rich source of fiber as compare to major cereal crops

Opportunities

Status of Resources available

- **Land -**

- ✓ Hilly and undulating topography which enables high rate of water and soil erosion.
- ✓ 50% land are stony and Bharra. This supports coarse grain crops only.
- ✓ 35% lands have sandy and loamy soil. Paddy, Maize, Musturd Pigeonpea etc. are grown in this land.
- ✓ 15% land is leveled and have fertile black soil.

- **Water -**

- ✓ Land topography results into more water loss.
- ✓ Despite an average rain fall of 1250 mm the area is mainly rainfed and only 6-10% land is irrigated..
- ✓ Rain fall is highly seasonal and 90% of which is received from June to September with total number of rainy days ranging from 70 to 80 days.
- ✓ Many perennial/seasonal water bodies are available.
- ✓ Narmada, Johila and Son are major perennial rivers traveling within region.

Understanding the constraints

Present status of a poor farmer

- **Land resources**
 - Undulated Topography.
 - Less soil depth.
 - Poor productivity.
 - Less / No fertilizer application.
- **Irrigation**
 - Mostly rainfed.
 - limited irrigation infrastructure available.
 - Presence of seasonal water bodies.
 - limited water lifting devices used at present.
- **Agriculture**
 - Traditional seeds.
 - Primitive agronomic practices.
 - Absence of nutrient management.
 - Poor access to government sponsored schemes.
- **Others**
 - Low awareness.
 - Less capital in hand.
 - More dependency on wage labour
 - Unorganized farmers

Facilitating initiatives to reach a logical end...

- **Land resources**

- Improving land productivity through SWC measures
- Creating low cost run off management structures

- **Irrigation**

- In situ moisture conservation through SWC measures & farm pond.
- Creating low cost irrigation infrastructure i.e. Farm pond, Dug wells etc.
- Providing water lifting devices such as low lift/diesel pump, in groups/individuals.

- **Agriculture inputs**

- Conducting FLDs and PVSP with lead farmers
- Introducing good quality seed as well as ***System/Package of Agronomic practices (RCI/NPOP)***.
- Converging agriculture/horticulture deptt. schemes to Project villages on priority.

- **Others**

- Training & exposure.
- Regular monitoring & technical support to farmers.
- Collective marketing through own system
- Appropriately converging the fund available under various schemes such as NRLM, NREGS etc.

Promotion of Millets



Value addition of Millets



Capacity building of Farmers



FLD & PVSP practices



FLD & PVSP in Paddy



Plan for the NUS for FY 2015-16

- Under PVSP varieties taken- JK 439, JK 48, JK 41, JK 155, Indira kondo 1, DPS 9-1
- For FLDs varieties taken
 1. Finger millet - GPU 28
 2. Foxtail – SIA 3085
 3. Kutki – JK 36

Note – All these varieties procured from RARS Dindori (JNKVV Jabalpur) and IGKVV Raipur.

A photograph of a buffet table set up under a white tent. The table is covered with a white cloth and has several large silver metal trays containing different types of food, including what appears to be a salad with green herbs and red and white beans, and a dish with yellow rice or noodles. A person's hand is visible in the foreground, holding a silver spoon over one of the trays. In the background, several people are standing and serving themselves. A red carpet runs along the side of the table, and a green artificial turf mat is visible further back. The overall atmosphere is that of a social gathering or event.

THANK YOU