## Yield: Millet production per hectare (Q/Ha) 12.72 119.8% increase in yeild after one year of OMM. 5.79

2016-17 2017-18

Average area in hectare per farmer household (на/нн)

**43.9%** increase in average area under millets after one year of OMM.



SUCCESS STORY OF **ODISHA MILLETS MISSION** 



	2016-17					2017-18				
Area	No. of Farmer HHs (HH)	Avg. area in Ha/ farmer HH (Ha/HH)	Yield (Q/Ha)	Gross value of produce per hectare (₹/Ha)*	Gross value of produce per Farmer HH (₹/HH)*	No. of Farmer HHs <i>(HH)</i>	Avg. area in Ha/ farmer HH (Ha/HH)	Yield (Q/Ha)	Gross value of produce per hectare (₹/Ha)*	Gross value of produce per Farmer HH (₹/HH)*
Gajapati	1289	0.36	4.93	8449	3013	1748	0.36	13.50	23359	8488
Kalahandi	482	0.38	3.80	5563	2102	472	0.66	7.28	12125	7988
Kandhamal	592	0.31	2.21	3617	1137	713	0.25	21.98	37008	9375
Koraput	2605	0.50	8.05	13084	6589	2743	0.45	11.95	18532	8405
Malkangiri	927	0.39	4.72	8307	3230	1558	1.09	12.53	21455	23335
Nuapada	693	0.44	2.89	4710	2090	612	0.51	9.84	16160	8276
Rayagada	453	0.31	3.83	4848	1517	750	1.07	14.85	21853	23415
Odisha	7041	0.42	5.79	9447	3957	8596	0.60	12.72	20710	12486

Note: \* Value of produce in constant 2016-17 prices.

#### **Odisha Millets Mission story:**

- Odisha Millets Mission was initiated in 2017 for promoting millet as a staple part of farming system and household consumption because of its:
- **a.** High nutritional attributes for addressing malnutrition.
- **b.** Resilience to climate vulnerability and minimal dependency on irrigation for reducing crop failure chances.

#### • The programme aims to:

- a. Increase millet productivity through improved agronomic practices, organic inputs and maximizing availability of local variety seeds.
- **b.** Strengthen farmer cooperatives / farmer producers organisations for better marketing of millets.
- c. Set up panchayat and block level processing units for increasing household consumption.
- d. Include millets in other nutritional programmes such as ICDS, MDM.

#### **Information on NCDS:**

• Nabakrushna Choudhury Centre for Development Studies (NCDS) is an Indian Council of Social Science Research (ICSSR) institute in collaboration with Government of Odisha. This institute is the only one of its kind that serves as a policy think tank in the state of Odisha.

Source: Srijit Mishra, "Area, Yield, Production and Value of Produce under the Special Programme for Promotion of Millets in Tribal Areas of Odisha (or, Odisha Millets Mission), 2017-18, Phase-1" Nabakrushna Choudhury Centre for Development Studies, Bhubaneswar, February 2020.



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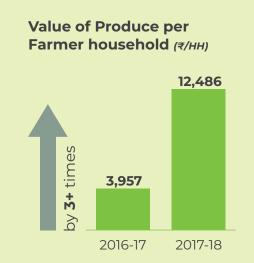




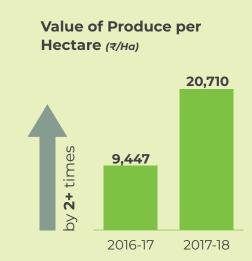
- Gross value of produce per farmer household increased 3+ times from ₹ 3,957 to ₹ 12,486.
- Gross value of produce per hectare increased 2+ times from ₹ 9,447 to ₹ 20,710.
- Yield: Millet production per hectare increased 2+ times from 5.79 Q/Ha to 12.72 Q/Ha.
- Average area in hectare per farmer household increased from 0.42 Ha/HH to 0.60 Ha/HH.

Note: \* Value of produce in constant 2016-17 prices.

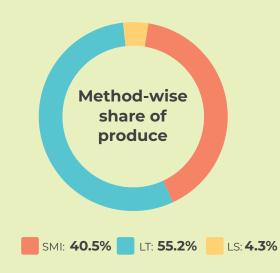
#### **OMM boosts the value of produce manifold**



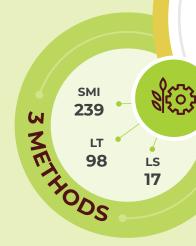
LT has greater coverage



# SMI method gives maximum yield

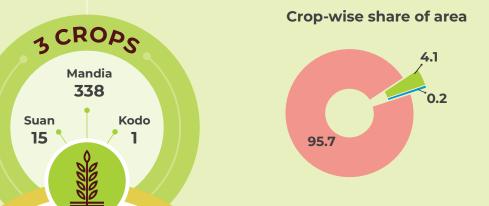


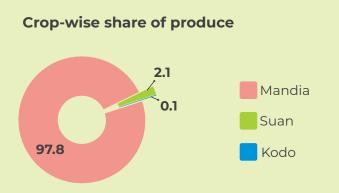




### Mandia has the maximum area and the highest yield

Crop-wise yield (Q/Ha)





6.55

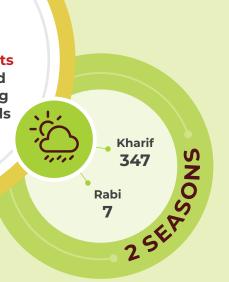
Suan

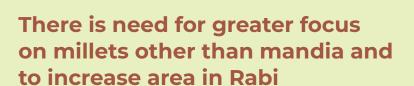
Block-Season-Crop-Method-Specific Yield from

**354** 

# **Crop Cutting Experiments** has been superimposed

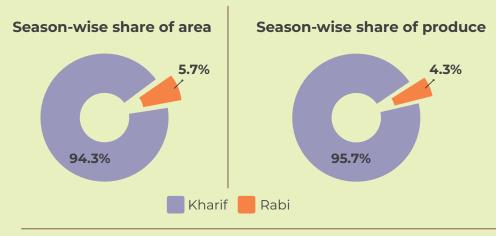
on 5,182 hectares among 8,596 farmer households to arrive at the estimates





12.99

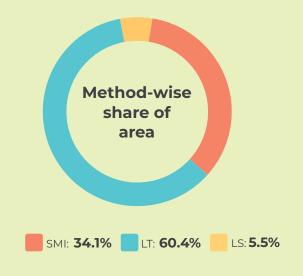
Mandia

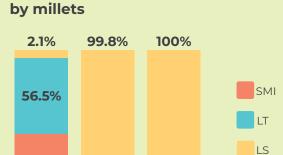




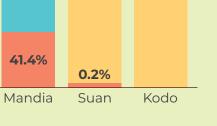
8.80

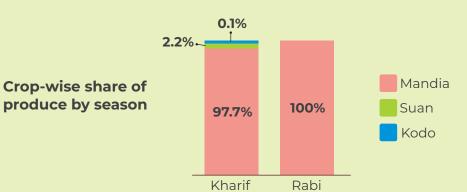
Kodo





**Method-wise share of produce** 





# ₹ Rupees Ha Hectare HH Household Kodo Kodo Millet LS Line Sowing LT Line Transplantation Mandia Ragi/Finger Millet

OMM Odisha Millets Mission
Q Quintal
SMI System of Millet Intensification
Suan Little Millet