

## NATIONAL FOOD SECURITY MISSION (NFSM)

A centrally sponsored scheme “National Food Security Mission” (NFSM) was launched during October’2007 with an objective of annual production of rice by 10 million tons, wheat by 8 million tons and pulses by 2 million tons by the end of eleventh plan (2011-12). The mission met with an overwhelming success and achieved the targeted additional production of rice, wheat & pulses. The mission is being continued during 12<sup>th</sup> Five Year Plan with new targets of additional production of food grains of 25 million tons comprising of 10 million tons rice, 8 million tons of wheat, 4 million tons of pulses and 3 million tons of coarse cereals by the end of 12<sup>th</sup> Five Year Plan.

NFSM during 12<sup>th</sup> Five Year Plan have five components (i) NFSM-Rice, (ii) NFSM-Wheat, (iii) NFSM-Pulses, (iv) NFSM-Coarse Cereals & (v) NFSM-Commercial Crops. In West Bengal, NFSM-Wheat has been discontinued during 12<sup>th</sup> Five Year Plan.

### Objective:

- 1) Increasing production of rice, wheat, pulses & coarse cereals through area expansion and productivity enhancement in a sustainable manner in identified districts of the country.
- 2) Restoring soil fertility & productivity at individual farm level and
- 3) Enhancing farm level economy (Farm Profits) to restore confidence amongst the farmers.

The area of operation of various components in our State is as follows:

1. **NFSM-Rice:** 8 Districts namely Coochbehar, Jalpaiguri, Alipurduar, Uttar Dinajpur, Purulia, Purba Medinipur, Howrah & South 24 Parganas
2. **NFSM-Pulses:** All Districts;
3. **NFSM-Coarse Cereals:** 4 Districts i.e. Darjeeling, Jalpaiguri, Alipurduar & Uttar Dinajpur;
4. **NFSM-Commercial Crops (Jute):** 14 Districts i.e. Jalpaiguri, Alipurduar, Coochbehar, Dakshin Dinajpur, Uttar Dinajpur, Malda, Murshidabad, Nadia, Burdwan, Howrah, Hooghly, Purba Medinipur, North 24 Parganas, South 24 Parganas and
5. **NFSM-Commercial Crops (Cotton):** 2 Districts i.e. North 24 Parganas & South 24 Parganas.

Major Interventions:

### NFSM-Rice:

Cluster demonstrations (100 ha) on improved package of practices (Line Transplanting, Stress tolerant varieties, SRI, DSR, Hybrid Rice), Cropping System based demonstrations (Hybrid Maize & Pulses as 2<sup>nd</sup> crop followed by Kharif Paddy), Seed distribution of Hybrid Rice & HYVs, plant protection chemicals & bio pesticides, weedicides, micronutrients, different farm implements & water application tools, cropping system based trainings for creating awareness among the farmers, Assistance to individual farmer/ SHG/

Farmers Club/ PACS/ FPO/ FPC etc for rice processing & parboiling unit, medium scale rice processing unit for brown & aromatic rice, paddy grading & sorting machine, winnowing machine, construction of water harvesting structure, masonry dug well & pucca irrigation channel under local initiative and other interventions like demonstrations by NGO in remote areas, assistance for custom hiring.

#### **NFSM-Pulses:**

Cluster demonstrations (100 ha) on improved package of practices, Cropping System based demonstrations (Pulses as 2<sup>nd</sup> crop followed by Kharif Paddy), assistance for seed production, seed distribution of HYVs, plant protection chemicals & bio pesticides, weedicides, micronutrients, bio fertilizers, different farm implements & water application tools, cropping system based trainings for creating awareness among the farmers, Assistance to individual farmer/ SHG/ Farmers Club/ PACS/ FPO/ FPC etc for mini dal mill under local initiative and other interventions like demonstrations by NGO in remote areas, assistance for custom hiring.

#### **NFSM-Coarse Cereals:**

Cluster demonstrations (1 ha) of Hybrid Maize on improved package of practices, assistance for seed distribution of Hybrids & HYVs.

During 2016-17, the mission is being implemented on 60:40 sharing pattern between Central & State Government.

As a result of implementation of National Food Security Mission in the State area, production & productivity of Rice, Pulses & Maize has been increased considerably.

Crop	Area(Lakh Ha)		% increase	Production(Lakh MT)		% increase	Yield in Kg/Ha		% increase
	2011-12	2015-16		2011-12	2015-16		2011-12	2015-16	
Rice	54.33	55.24	1.68	146.06	159.54	9.23	2688	2888	7.44
Pulses	1.99	3.46	73.87	1.54	3.34	116.88	774	966	24.81
Maize	0.98	1.54	57.14	3.64	7.15	96.43	3722	4654	25.04

During 2015-16, we were able to produce 8.21% excess rice against our requirement (147.43 Lakh MT) and also decrease the deficit of pulses in the State by more than 10%.