

Brief Note on National Food Security Mission (NFSM)

National Food Security Mission was launched in 2007-08 to increase the production of rice, wheat and pulses by 10, 8 and 2 million tonnes, respectively by the end of XI Plan through area expansion and productivity enhancement; restoring soil fertility and productivity; creating employment opportunities; and enhancing farm level economy. **The Mission is being continued during 12th Five Year Plan with new target of additional production of 25 million tonnes of food grains comprising of 10 million tonnes rice, 8 million tonnes of wheat, 4 million tonnes of pulses and 3 million tonnes of coarse cereals by the end of XII Plan.**

Focus Area:

During XI Plan, NFSM-Rice was implemented in 144 districts of 16 states, NFSM-Wheat in 142 districts of 9 states and NFSM-Pulses in 468 districts of 16 states. From the year 2012-13, six (6) NE states, viz. Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Sikkim have been included under NFSM-Rice and two Hill states, viz., Himachal Pradesh and Uttarakhand under NFSM-Rice and Wheat and J&K under NFSM-Wheat. Thus, the NFSM was implemented during 2012-13 and 2013-14 in 27 states of the country.

Area Coverage under NFSM from 2014-15 onwards:

NFSM-coarse cereals and Commercial crops viz., Cotton, Jute and Sugarcane have been included under revamped NFSM. From 2014-15, NFSM was implemented in 623 districts of 28 states. NFSM-Rice was implemented in 206 districts of 25 states. NFSM-Wheat was implemented in 126 districts of 11 states. NFSM-Pulses was implemented in 622 districts of 27 states and NFSM-Coarse cereals was implemented in 264 districts of 28 states.

Area Coverage under NFSM from 2015-16 onwards:

From 2015-16, NFSM is implemented in 623 districts of 28 states. NFSM-Rice is being implemented in 194 districts of 25 states. NFSM-Wheat is being implemented in 126 districts of 11 states. NFSM-Pulses is being implemented in 622 districts of 27 states and NFSM-Coarse cereals is being implemented in 265 districts of 28 states.

Area Coverage under NFSM from 2016-17 onwards:

From 2016-17, NFSM is implemented in 638 districts of 29 states. NFSM-Rice is being implemented in 194 districts of 25 states. NFSM-Wheat is being implemented in 126 districts of 11 states. NFSM-Pulses is being implemented in 638 districts of 29 states and NFSM-Coarse cereals is being implemented in 265 districts of 28 states.

The component-wise identified districts are as follows:-

NFSM-Rice: The NFSM-Rice is being implemented in 194 districts of 25 states i.e., Andhra Pradesh (5), Arunachal Pradesh (10), Assam (13), Bihar (15), Chhattisgarh (13), Gujarat (2), Himachal Pradesh (2), Jammu & Kashmir (8), Jharkhand (4), Karnataka (7), Kerala (1), Madhya Pradesh (8), Maharashtra (8), Manipur (9), Meghalaya (7), Mizoram (6), Nagaland (11), Odisha (8), Sikkim (2), Tamil Nadu (8), Telangana (4), Tripura (8), Uttar Pradesh (23), Uttarakhand (5), and West Bengal (7).

NFSM-Wheat: The NFSM-Wheat is being implemented in 126 districts of 11 states i.e. Bihar (10), Gujarat (5), Haryana (7), Himachal Pradesh (11), Jammu & Kashmir (8), Madhya Pradesh (16), Maharashtra (3), Punjab (12), Rajasthan (14), Uttar Pradesh (31), and Uttarakhand (9).

NFSM-Pulses: The NFSM-Pulses is being implemented in 638 districts of 29 states i.e. Andhra Pradesh (13), Arunachal Pradesh (17), Assam (27), Bihar (38), Chhattisgarh (27), Goa (2),

Gujarat (26), Haryana (21), Himachal Pradesh (12), Jammu & Kashmir (22), Jharkhand (24), Karnataka (30), Kerala (14), Madhya Pradesh (51), Maharashtra (33), Manipur (9), Meghalaya (11), Mizoram (8), Nagaland (11), Odisha (30), Punjab (22), Rajasthan (33), Sikkim (4) Tamil Nadu (30), Telangana (9), Tripura (8), Uttar Pradesh (75) Uttarakhand (13), and West Bengal (18).

NFSM-Coarse cereals: NFSM-Coarse cereals is being implemented in 265 districts of 28 states. i.e. Andhra Pradesh (6), Arunachal Pradesh (17), Assam (4), Bihar (11), Chhattisgarh (9), Gujarat (8), Haryana (5), Himachal Pradesh (12), Jammu & Kashmir (22), Jharkhand (11), Karnataka (11), Kerala (1), Madhya Pradesh (16), Maharashtra (8), Manipur (9), Meghalaya (11), Mizoram (8), Nagaland (11), Odisha (6), Punjab (3), Rajasthan (12), Sikkim (4) Tamil Nadu (10), Telangana (6), Tripura (8), Uttar Pradesh (20) Uttarakhand (13), and West Bengal (3).

Additional Area coverage for increasing pulses production during Rabi/Summer:

A programme on Additional Area coverage for increasing pulses production during Rabi/Summer has been launched during 2012-13 to increase production of rabi/ summer pulses through area expansion of Rabi Pigeonpea, Gram, Pea and Lentil during Rabi and Green Gram and Black Gram during summer. During 2014-15, the programme was implemented in 15 states namely Andhra Pradesh, Assam, Bihar, Haryana, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh and West Bengal.

During 2015-16, the programme is being implemented in 24 states namely Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Manipur, Madhya Pradesh, Mizoram, Nagaland, Odisha, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarakhand and West Bengal. Additional Area Coverage for increasing Coarse cereals production during Rabi/Summer also being implemented in 7 North Eastern States i.e. Arunachal Pradesh, Assam, Manipur, Mizoram, Nagaland, Sikkim and Tripura .

Interventions during 2016-17:

The interventions covered under **NFSM-Rice** include Cluster Demonstrations on Improved package of practices, demonstration on cropping system, Seed Distribution of Hybrid Rice and HYVs, cono-weeder, Manual Sprayer, Power sprayer, Drum Seeder, Pump set (up to 10 HP), Seed drill, multi crop planter, Zero till multi crop planter, Power weeder, water carrying pipes, Rotavator, Paddy Thresher/Multi crop thresher, Laser land leveller , Self propelled paddy transplanter, Plant protection chemical and bio pesticides, weedicides, micro-nutrients, Lime and liming Material, Cropping system based training of farmers, Local initiatives and Project Management team and other initiatives like demonstration by NGOs in remote areas, assistance for custom hiring.

The interventions covered under **NFSM-Wheat** include Cluster Demonstrations on Improved package of Practices, Demonstration on cropping system, Seed Distribution of HYVs , Manual Sprayer, Power sprayer, Chiseller, Deep Ploughing, Sprinkler set, Pump set (up to 10 HP), tractor mounted sprayer, Seed drill, multi crop planter, Zero till seed drill, Zero till multi crop planter, Power weeder, water carrying pipes, mobile raingun, Rotavator/turbo seeder, Multi crop thresher, Laser land leveller, Plant protection chemicals and bio pesticides, weedicides,

gypsum/phospho gypsum/bentonite sulphur, micro nutrients, Cropping system based training of farmers, Local initiatives and Project Management team.

The interventions covered under **NFSM-Pulses** include Cluster Demonstrations on improved package of Practices, Demonstration on cropping system, Cropping system based training of farmers, Seed Distribution of HYVs, Manual Sprayer, Power sprayer, tractor mounted sprayer, Chiseller (Deep Ploughing), Water carrying pipes, Mobile raingun, Sprinkler set, Pump set (up to 10 HP), Seed drill, Zero till seed drill, multi crop planter, Zero till multi crop planter, Ridge furrow planter, Rotavator, Multi crop thresher, Laser land leveller, Plant protection chemical and bio pesticides, weedicides, gypsum/phospho gypsum/bentonite sulphur, bio-fertilizers, micro nutrients, Local initiatives and Project Management team.

During 2016-17, new initiatives like distribution of seed minikits of newer varieties of pulses free of cost to farmers, production of quality seed, creation of seed hubs at SAU and KVKs, strengthening of bio-fertilizers and bio agent labs at SAUs/ICAR Institutes, cluster front line demonstration by KVKs and enhancing up breeder seed production at ICAR institutes and SAUs have been included under NFSM during 2016-17 for enhancing pulses production and productivity.

The interventions covered under **NFSM-Coarse Cereals** include Cluster Demonstrations on Improved package of practices, Seed distribution of hybrid and HYVs, Local initiatives and other initiatives like demonstration by NGOs in remote areas, assistance for custom hiring.

During 2015-16, the interventions covered under **Additional Area coverage for increasing coarse cereals production during Rabi/Summer for NE States** (includes Cluster Demonstrations on Improved package of practices, Seed distribution of hybrid and HYVs, Local initiatives and other initiatives like demonstration by NGOs in remote areas, assistance for custom hiring).

Funding pattern: From the year 2015-16, the mission is being implemented on 60:40 sharing pattern between Centre and State Governments and on 90:10 sharing pattern between Centre and Northeastern & 3 Hill states.

A statement indicating interventions covered and pattern of assistance available under NFSM-Rice, NFSM-Wheat, NFSM-Pulses and NFSM-Coarse cereals is enclosed at Annexure-I.