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Sl. No.	Name of the Scheme
12.	Mission for Integrated Development of Horticulture
13.	National Project on promotion of Organic Farming
14.	National Project on Soil Health & Fertility
15.	Mission for Organic Value Chain for North East
16.	Mission for Sustainable Agriculture (RADP)
17.	Soil and Land Use Survey of India
18.	Paramparagat Krishi Vikas Yojana
19.	National Project on Agro-Forestry
20.	National Bamboo Mission
21.	Sub-Mission on Agriculture Extension
22.	Information Technology
23.	Sub-Mission Seeds & Planting Material
24.	Sub-Mission on Agricultural Mechanization
25.	Sub-Mission on Plant Protection and Plant Quarantine
26.	Integrated Scheme on Agriculture Cooperation
27.	Integrated Scheme on Agricultural Marketing
28.	National Food Security Mission
29.	National Food Security Mission-Oilseeds & Oil Palm
30.	National Food Security Mission- Other Crops
31.	Integrated Schemes on Agriculture Census & Statistics
32.	National Rainfed Area Authority

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**Consumption ratio of NPK in major agriculture regions**

2085. SHRI MANISH GUPTA: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) the current consumption ratio of Nitrogen, Phosphorus and Potassium (NPK) in the major agriculture regions, the details thereof;

(b) the crop where the usage pattern of fertilizers is highly uneven and the policy programming to counter this, the details thereof;

(c) whether imbalanced use of fertilizers is partly due to the skewed subsidy policy in favour of urea and the high price of other fertilizers, if so, the details thereof; and

(d) whether there is any promotion policy on the anvil for use of organic and bio-fertilizer, if so, the details thereof?

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE (SHRI NARENDRA SINGH TOMAR): (a) The All India NPK Ratio for the current year 2018-19 is 6.3:2.5:1. State wise NPK ratio for the year 2018-19 is given in the Statement (*See below*).

(b) The large quantum of fertiliser is mainly used in the food grain crops, cotton, sugarcane and oilseeds. The Government of India is promoting soil test based Integrated Nutrient Management for balanced and judicious use of fertilizer through Soil health Card Scheme since 2014-15. Soil Health Cards provide crop-wise recommendation on appropriate dosage of fertilizer to be applied.

(c) The Urea fertiliser is governed under the New Urea Policy, P&K fertilisers are under the Nutrient based subsidy scheme with prices being under the statutory price scheme determined by the market forces. The consumption of fertilizers also depends on several other factors such as type of crop, availability of irrigation, soil fertility status etc.

(d) Steps taken by government for promotion of organic / biofertilisers Government of India has been promoting the Production/procurement of various organic inputs (biofertilisers, biopesticides, vermincompost, botanical extracts etc.) under different schemes viz:

- (i) Paramparagat Krishi Vikash Yojana (PKVY) assistance of ₹ 50,000/- per hectare/ 3 years is given, out of which ₹ 31,000/- (62%) is provided to the farmers directly through DBT, for inputs (bio fertilisers, biopesticides, vermicompost, botanical extracts etc.) production/ procurement, post harvest infrastructure etc.
- (ii) Mission Organic Value Chain Development for North Eastern Region (MOVCDNER); farmers are given assistance of ₹ 25000/ha/3 years for both on-farm and off-farm organic inputs.

- (iii) Capital investment Subsidy Scheme (CISS) under Soil Health Management Scheme: 100% assistance is provided to State Government / Government agencies for setting up of liquid/ carrier based Bio-fertilizer/ Bio-pesticide units to up to a maximum limit of ₹ 160.00 lakh / unit for Government agencies and up to ₹40 lakh/unit (up to 25% project cost) for individuals/private agencies through NABARD. For setting up of mechanized Fruit/vegetable market waste/ Agro waste compost production unit 100% assistance to State Govt./ Govt. Agencies upto maximum limit of ₹ 190.00 Lakh /unit for setting up of large mechanized compost plants of 3000 Total Per Annum(TPA) capacity. Similarly, for individuals/ private agencies assistance upto 33% of cost limit to Rs 63 lakh/unit as capital investment is provided. As per data provided by NABARD, 21 fruit/vegetable waste compost production units were established under Capital Investment Subsidy scheme in different states.
- (iv) National Mission on Oilseeds and Oil Palm (NMOOP): financial assistance<sup>R</sup> 50% subsidy to the tune of ₹ 300/- per. ha. is being provided for different components including bio-fertilizers, supply of Rhizobium culture/Phosphate Solubilising Bacteria (PSB)/ Zinc Solubilising Bacteria (ZSB)/ Azatobacter/ Mycorrhiza and vermi compost.
- (v) National Food Security Mission (NFSM): financial assistance is provided for promotion of Bio-Fertilizer (Rhizobium/PSB) @50% of the cost limited to ₹300 per ha.

**Indian Council of Agricultural Research (ICAR) Research programmes:**

- **One acre Integrated Organic Farming System (IOFS) models:** IOFS models suitable for marginal farmers have been established in Kerala, Meghalaya and Tamil Nadu which provides scope to generate more than 80 % of inputs required for organic farming within the farm, thus reducing the cost of production.
- **All India Network Programme on Organic Farming (AI-NPOF):** Under this programme, management package involving reduced application of nutrients through manures with innovative practices are being evaluated at different locations which also includes use of bio fertilizers.

**Statement***Statewise NPK ratio for 2018-19*

Major States	2018-19
<b>South zone</b>	
Andhra Pradesh	4.6: 2.1:1
Telanagana	7.8:3.0: 1
Karnataka	3.0: 1.7: 1
Kerala	1.1: 0.6: 1
Tamil Nadu	1.9: 0.9:1
Puducherry	5.3: 1.1: 1
<b>West zone</b>	
Gujarat	9.6: 2.9:1
Madhya Pradesh	14.2: 7.3:1
Chattisgarh	4.9: 2.8: 1
Maharashtra	2.7: 1.6: 1
Rajasthan	27.3: 10.3: 1
Goa	1.9: 1.5: 1
<b>North zone</b>	
Haryana	22.6: 6.2: 1
Punjab	33.1: 7.9: 1
Uttar Pradesh	18.3: 5.5: 1
Uttaranchal	13.7: 2.8: 1
Himachal Pradesh	3.6: 1.1:1
Jammu and Kashmir	4.9: 1.9: 1
<b>East zone</b>	
Bihar	8.0: 2.7:1

Major States	2018-19
Jharkhand	20.8: 7.9: 1
Orissa	4.7: 2.0: 1
West Bengal	2.3: 1.3: 1
Assam	3.9: 0.9: 1
Tripura	2.9: 1.4: 1
Manipur	2.4: 1.1: 1
Meghalaya	
Nagaland	2.2: 1.5: 1
ALL INDIA	6.3: 2.5: 1

#### Measures to address farm distress

2086. SHRIMATI VIJILA SATHYANANTH: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether it is a fact that Government is considering major measures in the coming weeks to address farm distress across the country;
- (b) if so, the details thereof;
- (c) whether it is also a fact that the Ministry has prepared a note on addressing income deficit syndrome of small and marginal farmers, proposing various steps, including a financial package and interest waiver for timely crop loan repayers; and
- (d) if so, the details thereof?

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE (SHRI NARENDRA SINGH TOMAR): (a) and (b) Agriculture being a State subject, the State Governments undertake implementation of programmes/ schemes for the development of the sector. Government of India supplements the efforts of the State Governments through various schemes/ programmes. The various schemes/ programmes of the Government of India are meant for the welfare of farmers by increasing production and remunerative returns to farmers. A list of various interventions taken by the