1. Soil Health, Soil Conservation and Fertilizers

**What to Do?**
- Always use appropriate fertilizer in right quantity based on soil test.
- Must use organic manures to maintain the fertility of soil.
- In order to get maximum benefit of the fertilizers, always apply in root zone instead of broadcasting.
- Resort to judicious and efficient use of Phosphatic Fertilizers for proper development of roots/shoots and timely maturity of crops, particularly the legumes which fix atmospheric Nitrogen for enrichment of soil.
- For reclaiming acidic soil, use lime and for saline/usar soil, use gypsum.
- Farmers desirous of adopting Participatory Organic Guarantee System (PGS – India) Certification system may form a group of at least 5 farmers and get it registered with the nearest Regional Council or Regional Centre of Organic Farming.

**What Can You Get?**

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Type of Assistance</th>
<th>Criteria for Assistance/maximum limit</th>
<th>Scheme/ Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supply of gypsum/pyrite/lime/dolomite</td>
<td>50% cost of the material + transportation limited to ` 750/- per hectare.</td>
<td>National Mission on Oilseeds and Oil Palm (NMOOP)</td>
</tr>
<tr>
<td>2</td>
<td>Plant protection chemicals</td>
<td>Insecticides, fungicides, bio-pesticides, bio-agents, micronutrients, bio-fertilisers etc., @ 50% of the cost limited to ` 500/- per hectare.</td>
<td>NMOOP</td>
</tr>
<tr>
<td>3</td>
<td>Adoption of organic farming</td>
<td>` 10,000/- per hectare</td>
<td>National Horticulture Mission (NHM)/ Horticulture Mission for North-East and Himalayan States (HMNEH) Sub schemes under Mission for Integrated Development of Horticulture (MIDH)</td>
</tr>
<tr>
<td>4</td>
<td>Vermi-Compost Unit</td>
<td>` 50,000/- per unit (having dimension of 30’ x 8’ x 2.5’ or 600 cft, on prorata basis)</td>
<td>NHM/HMNEH Sub schemes under MIDH</td>
</tr>
<tr>
<td>5</td>
<td>High Density Poly Ethylene (HDPE) Vermi Bed</td>
<td>` 8000/- per unit (having dimension of 12’ x 4’ x 2’ or 96 cu ft, on prorata basis)</td>
<td>NHM/HMNEH Sub schemes under MIDH</td>
</tr>
<tr>
<td>6</td>
<td>Promotion of Integrated Nutrient Management</td>
<td>` 1200 /- per hectare (upto an area of 4 hectares)</td>
<td>NHM/HMNEH Sub schemes under MIDH</td>
</tr>
<tr>
<td>7</td>
<td>Supply of gypsum phosphogypsum / bentonite sulphur in wheat &amp; pulses</td>
<td>50% of the cost limited to ` 750/- per hectare</td>
<td>National Food Security Mission (NFSM)</td>
</tr>
<tr>
<td>8</td>
<td>Micronutrients in wheat, pulses and rice</td>
<td>50% of the cost limited to ` 500/- per hectare</td>
<td>NFSM</td>
</tr>
<tr>
<td>SI No</td>
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</tr>
<tr>
<td>9</td>
<td>Lime/liming materials in rice and pulses</td>
<td>50% of the cost of the material limited to `1000/ha.</td>
<td>NFSM</td>
</tr>
<tr>
<td>10</td>
<td>Bio-fertilizers (Rhizobium /PSB)</td>
<td>50% of the cost limited to `100/- per ha.</td>
<td>NFSM</td>
</tr>
<tr>
<td>11</td>
<td>Setting up of new Mobile/Static Soil Testing Laboratories (MSTL/ SSTL) Training</td>
<td>75% Assistance of total project cost to State Govt. for SSTL subject to a maximum limit of `56 lakhs per SSTL/MSTL.</td>
<td>National Mission for Sustainable Agriculture (NMSA)</td>
</tr>
<tr>
<td>12</td>
<td>Promotion and distribution of micronutrients</td>
<td>50% of cost subject to a limit of <code>500/- per ha. and / or </code>1000/- per beneficiary.</td>
<td>NMSA</td>
</tr>
<tr>
<td>13</td>
<td>Setting up of state-of-the-art liquid/carrier based Biofertilizer / Biopesticide units</td>
<td>25% of cost limited to `40 lakhs per unit for individuals/private agencies through NABARD as capital investment of 200 TPA production capacity</td>
<td>NMSA</td>
</tr>
<tr>
<td>14</td>
<td>Setting up of mechanized Fruit/ Vegetable market waste/Agro waste compost production unit</td>
<td>33% of cost limited to `63 lakhs/unit for individuals/private agencies through NABARD as capital investment for 3000 TPA production capacity</td>
<td>NMSA</td>
</tr>
<tr>
<td>15</td>
<td>Promotion of Organic Inputs on farmer's field (Manure, Vermicompost, Bio-Fertilizers, Liquid/ Solid Waste compost, Herbal extracts etc.)</td>
<td>50% of cost subject to a limit of <code>5000/- per ha and </code>10,000/- per beneficiary. Proposed to cover 1 million ha area.</td>
<td>NMSA</td>
</tr>
<tr>
<td>16</td>
<td>Adoption of organic farming through cluster approach under Participatory Guarantee System (PGS) certification</td>
<td><code>20,000/- per ha subject to a maximum of </code>40,000/- per beneficiary for 3-year term</td>
<td>NMSA</td>
</tr>
<tr>
<td>17</td>
<td>Support to PGS system for on-line data management and residue analysis</td>
<td><code>200/- per farmer subject to a maximum of </code>5000/- per group/year restricted to `1.00 lakh per Regional Council. Upto 10,000/- per sample for residue testing (Residue analysis to be done in NABL Labs)</td>
<td>NMSA</td>
</tr>
<tr>
<td>18</td>
<td>Organic Village adoption for manure management and biological nitrogen harvesting</td>
<td>`10 lakhs/village for adoption of integrated manure management, planting of fertilizer trees on bunds and promotion of legume intercropping through groups/SHGs etc. (Maximum 10 villages per annum/state will be supported)</td>
<td>NMSA</td>
</tr>
<tr>
<td>19</td>
<td>Demonstration on Organic Farming</td>
<td>`20,000/- per demonstration for a group of 50 participants or more</td>
<td>NMSA</td>
</tr>
<tr>
<td>20</td>
<td>Reclamation of Problem Soil</td>
<td><strong>Alkaline / Saline Soil</strong> 50% of cost to a limit of <code>25,000/- per ha. and or </code>50,000/- per beneficiary. <strong>Acidic Soil</strong> 50% of cost subject to a limit of <code>3000/- per ha. and / or </code>6000/- per beneficiaries</td>
<td>NMSA</td>
</tr>
</tbody>
</table>

**Whom to Contact ?**

District Agriculture Officer / District Horticulture Officer / Project Director, ATMA.