National Planning and Coordination
Country: Ghana

#	Profile Element	Response
1	**Focus crops for assessment**	1. Maize 2. Soybean 3. Cowpea 4. Groundnut 5. Rice 6. Cassava 7. Orange Fleshed Sweet Potato
2	**Authorized seed classes in the country**	1. Breeder Seed 2. Pre-basic 3. Basic 4. Foundation Seed 5. Certified Seed 6.Quality Declared Seed (in the National Seed Policy but not rolled out yet)
3	**Name and legal status of the national unit(s) responsible for seed planning and coordination (location)**	1. PPRSD - MoFA 2. Directorate of Crops - MoFA 3. National Seed Council 4. NASTAG
4	**Reporting and oversight position of the national planning and coordination unit within the Ministry**	Some level of coordination is done by organizations listed under no. 3
5	**Organizational structure of national planning and coordination unit**	Missing information
6	**Name, position, tenure, academic qualification and experience and gender summary of national seed planning and coordination staff**	Missing information
7	**Mandated (and actual) composition of national seed committee(s) by**	National Seed Council Composition: 1. Prof. Moses Branford Mochiah Director of CRI representing Research 2. Dr. Michael Yao Osae, Biotechnology & Nuclear Agric

<table>
<tr><td></td><td>sector representation (i.e., private sector, regulator, other Ministry, etc.)</td><td>3. Dr. Solomon Gyan Ansah, Deputy Director of MoFA Crops representing MoFA
4. Mr. Samuel Boadu, Grains and Legumes Development Board
5. Mr. Josiah Wobil, Chairman of the National Seed Council
6. Alhaji Nuhu Orison, representing seed producers and farmers
7. Ing. Dr. Veronica Kufour, President's nominee on the Council
8. Seidu Mubarak Abdulai, Antika Seed Company, representing NASTAG
9. Mr. Eric Quaye, Director of PPRSD MoFA, representing seed sector regulator</td></tr>
<tr><td>8</td><td>Type of data regularly collected, analyzed, and stored by the national planning and coordination unit (i.e., seed volume data, agrodealer data, seed demand, seed carryover, etc.)</td><td>Volumes of seed produced, imported, and traded locally are monitored by MOFA, PPRSD & GSID</td></tr>
<tr><td>9</td><td>Volume (MT) of domestically produced quality seed by class for the focus crops in the past 4 years</td><td>Certified seed Production and Hybrid Inspected and Certified by PPRSD(MT) 2016 – 2021
<table>
<tr><th>Crop</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th>2020</th><th>2021</th></tr>
<tr><td>Maize (OPV)</td><td>1,205.51</td><td>3,680.50</td><td>8,003.37</td><td>9,887.72</td><td>5,204.52</td><td>4,138.30</td></tr>
<tr><td>Maize (Hybrid)</td><td>50.00</td><td>275.11</td><td>1,421.23</td><td>3,132.29</td><td>5,371.28</td><td>11,360.00</td></tr>
<tr><td>Rice</td><td>1,231.76</td><td>1,866.31</td><td>5,203.90</td><td>9,021.72</td><td>7,746.90</td><td>12,917.90</td></tr>
<tr><td>Soybean</td><td>236.59</td><td>660.51</td><td>2,188.50</td><td>5,976.70</td><td>2,445.30</td><td>2,280.30</td></tr>
<tr><td>Sorghum</td><td>0</td><td>43.79</td><td>58.4</td><td>36</td><td>125.1</td><td>185</td></tr>
<tr><td>Groundnut</td><td>84.1</td><td>13</td><td>247.9</td><td>24.8</td><td>264</td><td>287.9</td></tr>
<tr><td>Cowpea</td><td>22.6</td><td>2</td><td>220.3</td><td>102.6</td><td>213.5</td><td>375.5</td></tr>
<tr><td>Cassava</td><td>0</td><td>0</td><td>0</td><td>0</td><td>601</td><td>0</td></tr>
<tr><td>Sweet Potato</td><td>0</td><td>0</td><td>0</td><td>0</td><td>26.5</td><td>0</td></tr>
<tr><td>Total</td><td>2,830.56</td><td>6,541.22</td><td>17,343.60</td><td>28,181.83</td><td>21,998.10</td><td>31,544.90</td></tr>
</table>
Source GSID,2021</td></tr>
<tr><td>10</td><td>Volume (MT) of imported certified seed by class for the focus crops in the past 4 years</td><td>Volumes of imported and traded seeds in the last two years
<table>
<tr><th>Crop</th><th>Volume (MT) Imported in 2019</th><th>Volume (MT) traded in 2019</th><th>Volume (MT) Imported in 2020</th><th>Volume (MT) traded in 2020</th></tr>
<tr><td>Maize</td><td>2,223</td><td>2,020</td><td>3,554</td><td>3,504</td></tr>
<tr><td>Soybean</td><td>0.15</td><td>0.15</td><td>13.15</td><td>12</td></tr>
<tr><td>Cowpea</td><td>0</td><td>0</td><td>0.295</td><td>0</td></tr>
<tr><td>Groundnut</td><td>0</td><td>0</td><td>0.12</td><td>0</td></tr>
<tr><td>Total</td><td>2,223.15</td><td>2,020.15</td><td>3,567.56</td><td>3,516.00</td></tr>
</table>
Source: MoFA PPRSD (2021)</td></tr>
<tr><td>11</td><td>Volume (MT) of exported certified seed by class for the focus crops in the past 4 years</td><td>Less than 1% is available for export to the sub-region because the demand for Ghanaian seeds in the sub-region is still very low at due to the inability of seed producers/companies in Ghana to produce hybrids in large volumes (NASTAG 2022).</td></tr>
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<tr>
<td>12</td>
<td>Estimated area (HA and % of total farmland) planted with quality seed each year, by focus crop</td>
<td>
Farm size (Hectares) of seed production under production in 2021
<table>
<tr><th>Region / Crop</th><th>Maize(ha)</th><th>Soybean (ha)</th><th>Cowpea(ha)</th></tr>
<tr><td>Northern</td><td>547</td><td>832</td><td>37</td></tr>
<tr><td>Upper East</td><td>166</td><td>99</td><td>7</td></tr>
<tr><td>Upper West</td><td>704</td><td>799</td><td>121</td></tr>
<tr><td>Northeast</td><td>425</td><td>242</td><td>0</td></tr>
<tr><td>Savanna</td><td>97</td><td>110</td><td>4</td></tr>
<tr><td>Total</td><td>1,939</td><td>2,082</td><td>169</td></tr>
</table>
Source: MoFA PPRSD (2021)
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<tr>
<td>13</td>
<td>Percentage (and amount) of total national budget allocated to agriculture, per the Malabo Declaration</td>
<td>The total spending for the agriculture sector in 2017, which was GH¢384.6million, constituted just 0.71 percent of entire government expenditure. In 2018 total spending on the sector rose to GH¢502.7million, which comprised 0.79 percent. There was a significant increase in the sector’s investment in 2019 to GH¢635.5million making about 0.86 percent. with GH¢576.9million being expenditure for 2020 constituting 0.68 percent. Gov’t allocation to agriculture stays below 1% in 4 yrs.</td>
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<tr>
<td>14</td>
<td>Percentage (and amount) of total national agriculture budget allocated to seed activities</td>
<td>Missing information</td>
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<tr>
<td>15</td>
<td>Name and brief description of seed subsidy program(s) - (cost, government, or donor), both current and in the last 5 years, impacting focus crops (start and end dates)</td>
<td>
2021 PFJ Approved Input Prices
<table>
<tr><th>Seed Type</th><th>Full Cost (GHS/Kg)</th><th>Farmer Portion (GHS/Kg)</th><th>Gov’t Portion (GHS/Kg)</th></tr>
<tr><td>Maize (OPV)</td><td>8</td><td>5</td><td>3</td></tr>
<tr><td>Maize (Imported Hybrid)</td><td>25</td><td>12</td><td>13</td></tr>
<tr><td>Maize (Local Hybrid)</td><td>16</td><td>8</td><td>8</td></tr>
<tr><td>Rice</td><td>8</td><td>5</td><td>3</td></tr>
<tr><td>Soybean</td><td>12</td><td>7</td><td>5</td></tr>
<tr><td>Groundnut</td><td>10</td><td>6</td><td>4</td></tr>
<tr><td>Cowpea</td><td>12</td><td>8</td><td>4</td></tr>
<tr><td>Cassava</td><td>10/bundle</td><td>7/bundle</td><td>3/bundle</td></tr>
<tr><td>OFSP</td><td>0.4/vine</td><td>0.2/vine</td><td>0.2/vine</td></tr>
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<tr><td>16</td><td>Volume of seed distributed under the subsidy program by focus crop</td><td>PFJ Inputs Distributed 2017 – 2021
<table>
<tr><th>Crop</th><th>2017 (MT)</th><th>2018 (MT)</th><th>2019 (MT)</th><th>2020 (MT)</th><th>2021 (MT)</th><th>TOTAL (MT)</th></tr>
<tr><td>Rice</td><td>1,698</td><td>2,399.14</td><td>6,546.43</td><td>11,994.34</td><td>14,935.03</td><td>37,572.94</td></tr>
<tr><td>Maize (Hybrid)</td><td>--</td><td>742.87</td><td>3,815.73</td><td>7,315.69</td><td>7,804.00</td><td>19,678.29</td></tr>
<tr><td>Maize (OPV)</td><td>2,382</td><td>3,286.39</td><td>5,086.02</td><td>5,936.65</td><td>7,113.96</td><td>23,805.02</td></tr>
<tr><td>Soybean</td><td>147</td><td>338.98</td><td>2,731.17</td><td>3,574.68</td><td>3,745.08</td><td>10,536.88</td></tr>
<tr><td>Groundnut</td><td>--</td><td>10</td><td>--</td><td>197.71</td><td>206.38</td><td>414.09</td></tr>
<tr><td>Cowpea</td><td>--</td><td>--</td><td>--</td><td>193.39</td><td>174.83</td><td>368.22</td></tr>
</table></td></tr>
<tr><td>17</td><td>Overview of private sector participation in seed subsidy programs (seed production entities, distributors)</td><td>The National Seed Trade Association of Ghana is an amalgamation of all value chain actors in the seed industry including seed producers, processors, traders, distributors, research and other auxiliary registered companies and government institutions. The main challenge for seed companies and producers is that the government gives quotas for the volume of seeds under the subsidy program. Once that volume is achieved the rest of the seeds must be sold at the prevailing market price.</td></tr>
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