

## Farmer Awareness and Participation

Country: Ghana

	Profile Element	Response
1	<b>Focus staple crops for assessment (production in MT)</b>	Maize (3,691,866) Groundnuts (350,000) Soybeans (180,000) Beans (233,678) Rice (721,610) Cowpea (143,000) Cassava (12,260,000)
2	<b>Number of farming HHs in the country, by category if known (i.e., small scale, medium scale, large scale)</b>	4,000,000 (IFPRI 2021) TASAI reports 2.2million farming HH in 2019, Ghana Statistics Services reports a population of 30.8m in 2021 with an average HH of 3.6 (8.3mHH), 52% said to be farming HHs which is 4,300,000
3	<b>Authorized seed classes in the country</b>	Breeder, Pre-basic, Basic, Certified and QDS <ol style="list-style-type: none"> <li>1. Breeder Seed - direct sale by breeders to multiplying entities</li> <li>2. Pre-basic - direct sale by breeders to multiplying entities</li> <li>3. Basic (Foundation seed)- direct sale by breeder/multiplying entities to seed producers</li> <li>4. Certified Seed - direct sale by seed producers to farmers or through agro-dealers</li> <li>5. QDS - direct sales to farmers</li> </ol>
4	<b>Estimated sources of seed by focus crops, e.g., home saved, artisanal market, agrodealer, seed company, government, relief / project, etc. (% of total planted)</b>	Own stock (15%) Friend/Neighbor/Relatives (11%) Local market (21%) Agrodealer (42%) – Most of these through Planting for Food and jobs (PFJ) subsidy program) Government (5%) (PFJ) Seed company local agent (4%) Other (2%) NGOs - 5%
5	<b>Estimated percentage of land for focus crops cultivated using certified seed or up to 3rd generation of recycled certified seed</b>	Maize (25%) Groundnuts (17%) Soybeans (66%) Beans (12%) Cassava () Cowpea () Groundnut ()

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6	<b>Average age of varieties accounting for 80% of crop volume produced locally by farmers, by focus crop</b>	Maize (12) Groundnuts (1) Soybeans (15) Beans (13) Cassava (8) Cowpea (8) Groundnuts (8) Rice (8)
7	<b>Names and brief description of national government entities responsible for delivering extension and advisory services to farmers (include all entities)</b>	Department of Agricultural Extension Services (DAES) in the Ministry of Agriculture (MoA) coordinating service delivery by different service providers; Agriculture Research and Extension Trust (ARET) coordinating tobacco related extension and service delivery.
8	<b>Description of sub-national government entities responsible for delivering extension and advisory services to farmers</b>	Following the devolution, agric. extension agents now fall under the District Assemblies which is part of the Ministry of Local Government, Decentralization and Rural Development <ol style="list-style-type: none"> <li>1. Extension Planning Areas. There are 203 EPAs across the country, each headed by an Agricultural Extension Development Coordinator.</li> <li>2. District Agricultural Extension Office headed by Director of Agriculture and Natural Resources at District level. There are 28 DADOs.</li> <li>3. Agricultural Development Division headed by Program Manager at specific agro ecological zone. There are 8 ADDs in the country.</li> </ol>
9	<b>Number of active government extension workers in the country</b>	2000
10	<b>Number of active non-Government extension workers and/or advisory agents in the Country</b>	400
11	<b>National ratio of all extension workers and advisory agents to small holder farmers</b>	1:2,007 1:709 in districts with AGRA interventions
12	<b>Regional ratios of all extension workers and advisory agents to small-holder farmers</b>	Unknown
13	<b>Number of private sector seed production entities providing extension services to farmers</b>	35 seed companies and 6 AGRA funded seed companies providing extension and advisory services to farmers through CBAs and agro dealers

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14	<b>Total # of farmer associations in the country</b>	256 farmer organizations

15	<b>Five largest farmer associations (# of members)</b>	Peasant Farmers Association of Ghana (P-FAG) (1,000,055 members and 1,962 Farmer based organizations) Apex Farmers' Organization of Ghana (ApFOG) Farmers Organization Network in Ghana (FONG)
16	<b>Estimated farmer sources of seed information (%), i.e., government extension agents, private sector extension agents, radio, farmer groups, neighbors, TV, seed companies, distributors, etc.</b>	Unknown
17	<b>Estimated farmer sources of information relating to Good Agronomic Practices (%), i.e., Government Extension Agents, Private sector Extension Agents (e.g., VBAs), radio, farmer group, neighbors, TV, seed companies, distributors, etc.</b>	Government Extension Agents (56%) Private sector Extension Agents (e.g., VBAs) (33%) Radio (40%) Farmer group and neighbors (24%) TV (2%)  Source: IFPRI 2019
18	<b>Top broadcast, media, or meeting platforms for getting seed information to farmers (% reach)</b>	<ol style="list-style-type: none"> <li>1. Radio – Local radio stations approx. 90 %</li> <li>2. Mobile phones</li> <li>3. Video/TV</li> </ol>
19	<b>Top functional digital platforms used by farmers with seed-related information (# of users)</b>	Unknown
20	<b>Status of farmer participation in variety assessment and release processes</b>	Participatory Varietal Selection (PVS) is a key process requirement which needs to be fulfilled by research/ plant breeding team before new varieties are released.