Quality Assurance

Country: Uganda

<table>
<tr><th></th><th>Profile Element</th><th>Response</th></tr>
<tr><td>1</td><td>Focus crops for SSAT QA evaluation
(Production in MT, FAOSTAT 2019)</td><td>1. Maize (2,575,000)
2. Rice (220,000)
3. Sorghum (400,000)
4. Beans (979,789)
5. Groundnut (160,000)
6. Millet (243,104)</td></tr>
<tr><td>2</td><td>Agency(ies) in charge of seed quality assurance</td><td>National Seed Certification Service (NSCS), under the Department of Crop Inspection and Certification (DCIC) in the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)</td></tr>
<tr><td>3</td><td>Agency(ies) in charge of phytosanitary inspections, testing and decisions</td><td>Phytosanitary and Quarantine Inspection Services Division (PQIS) under DCIC in MAAIF</td></tr>
<tr><td>4</td><td>Names of key policy, legislative and regulatory documents governing QA, and official adoption date for each</td><td>1. Seeds and Plants Act 2006
2. Seeds and Plants Regulations 2010, amended in 2016
3. Uganda National Seed Policy 2018
4. Plant Variety Protection Act 2014
5. Uganda National Seed Strategy 2015
6. National Seeds Strategy, MAAIF 2016
7. COMESA (harmonized seed regulations)
8. Member of East Africa Community (harmonization of regulations not yet)</td></tr>
<tr><td>5</td><td>Authorized seed classes in the country</td><td>1. Breeder
2. Pre-basic
3. Basic
4. Certified 1st & 2nd generation (C1, C2), Standard seed class
5. Quality Declared Seed (QDS)</td></tr>
<tr><td>6</td><td>Quality assured seed volumes, by crop and seed class for the last four years</td><td>
<table>
<tr><th colspan="9">CERTIFIED SEED PRODUCTION (MT)</th></tr>
<tr><th>Crop</th><th colspan="2">2017</th><th colspan="2">2018</th><th colspan="2">2019</th><th colspan="2">2020</th></tr>
<tr><th></th><th>Certified</th><th>QDS</th><th>Certified</th><th>QDS</th><th>Certified</th><th>QDS</th><th>Certified</th><th>QDS</th></tr>
<tr><td>Maize</td><td>21,959</td><td>0</td><td>21,552</td><td>0</td><td>20,633</td><td>0</td><td>5,049</td><td>0</td></tr>
<tr><td>Beans</td><td>3,794</td><td>240</td><td>3,504</td><td>455</td><td>1,363</td><td>730</td><td>5,603</td><td>0</td></tr>
<tr><td>Sorghum</td><td>2,302</td><td>0</td><td>2,712</td><td>0</td><td>5,684</td><td>0</td><td>3,408</td><td>0</td></tr>
<tr><td>Rice</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1,404</td><td>0</td><td>265</td><td>0</td></tr>
<tr><td>Millet</td><td>0</td><td>8</td><td>38</td><td>1</td><td>0</td><td>5</td><td>0</td><td>0</td></tr>
<tr><td>Total</td><td>28,055</td><td>248</td><td>27,806</td><td>456</td><td>29,084</td><td>735</td><td>14322</td><td>0</td></tr>
<tr><td colspan="9">Data from USTA, TASAI.</td></tr>
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</td></tr>
<tr><td>7</td><td>Categories of key Certified seed producers (estimated share of local production of quality assured seed)</td><td>1. Seed companies (99%)
2. Local Seed Businesses (<1%)</td></tr>
<tr><td>8</td><td>Categories of key EGS producers (estimated share of local production of EGS)</td><td>1. National Agricultural Research Institutes (National Crops Resources Research Institute NaCRRI, National Semi-Arid Resource Research Institute, NaSARRI) - >90%
2. Seed companies & CGIAR - <10%</td></tr>
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9	**Categories of seed distributors (estimated share of quality seed distribution)**	1. Agrodealers 2. Government subsidy programs (Operation Wealth Creation, OWC) 3. NGOs 4. Seed companies
10	**Status of ISTA accreditation for laboratories**	No ISTA accredited lab
11	**Are third-party inspectors, samplers and/or analysts allowable by law? If yes, year of legal mandate?**	Yes, 2018: ISTA accredited seed lab (KEMIPHAR) is in place
12	**Are third-party inspectors, samplers and/or analysts active in practice? If yes, approximately how many are active?**	NO
13	**Extent of evidence of counterfeit seed activity**	Fake and low-quality seed is common, at an estimated 30-40% of seed sold; Marketed seed volumes more than quality assured seed production
14	**Measures in place to mitigate the presence of counterfeit seed**	Proposed use of Scratch Labels not yet rolled out
15	**Membership in international organizations (e.g., ISTA, OECD schemes by crop, trading blocs)**	1. Participates in OECD Seed Scheme 2. Member of ISTA but lack ISTA accredited lab, 3. Follow UPOV guidelines on variety testing and release 4. COMESA 5. East Africa Community
16	**Key QA information available on government seed regulator website(s)**	DCIC website; National Seed Policy 2018, Online certification for plant and plant products and issuance of electronic certificate and general guidelines of imports and export in Uganda
17	**Status of telecommunications functionality in country**	Uganda Telecom Ltd (UTL), Celtel and MTN Uganda Ltd were the three telecommunication operators licensed by the Uganda Telecommunication Commission in 2004. As of June 2018, the telephone communications system was described by the CIA factbook as "developed through private partnerships", with "over 1,800 kilometres (1,118 miles) of fiber optics", and 4G network available in most major cities and national parks, and 3G service available in second-tier urban centres.
18	**Status of Internet connectivity and functionality in country**	As of 31 March 2017, Uganda had the 18th highest Internet usage rate in Africa (out of 58 countries). The country had 13million Internet users out of a population of 41,652,938, bringing the Internet penetration rate to 31.3%. As of September 2020, Uganda recorded 20.1milllion internet users, out of a population of over 42 million, bringing the internet penetration to 48.3%. Daily Monitor.
19	**Status of physical infrastructure (roads, electricity, water) in the country**	Road network, electricity and water are well distributed in the southern, western and eastern parts of the country. Northern parts are poorly developed
20	**Security status in country**	Generally secure country in the Eastern, Central and Southern parts. The northern parts bordering Sudan and north-western parts (bordering DR Congo experience flashes of insecurity due to Lords' Resistance Army (LRA) and Eastern Congo militias