

Table 1: Countries samples for soil testing and demonstration plots

Country	Soil testing sampling threshold	Demonstration plots sampling
Mozambique	1% of LGs (e.g. in 2019-20 this would have been 26 LGs)	20 demo plots
Mali	1% of LGs (e.g. in 2019-20 this would have been 25 LGs)	None
Madagascar	1 soil tests	2 demo plots in each PU (2 Demo plots)
South-Africa	10% of LGs	2 demo plots in the LGs where the sampling will take place (1 per LG)

Table 2: Locally adapted indicators per country

3.1.3 Locally adapted indicator	Indicator Guidance
<b>Mozambique, South Africa, Madagascar</b>	
<p>Soil testing is conducted that includes NPK and pH analysis, linked to demonstration plots wherever possible. A minimum of 1 soil test per Learning Group on a minimum percentage <b>of the Learning Groups</b> within a Producer Unit must be conducted annually beginning with the 2020-21 season, carrying on until the next P&amp;C revision, as follows:</p> <ol style="list-style-type: none"> <li>1. Mozambique: 1% of LGs</li> <li>2. South Africa: 10% of LGs</li> <li>3. Madagascar: 1 soil test</li> </ol>	<p>Soil testing should be carried out at least once per year on at least 1% of LGs (at least one sample per LG). This soil testing requirement is to provide BCI Farmers with information about nutrient and pH levels in order to make more informed soil decisions. If this testing hasn't happened yet, the PU should have a specific plan for testing including how the testing will be done (and by whom), which LGs will be covered, when the testing will happen, and how results will be documented and analysed. The PU should be able to demonstrate the results of the soil testing. Refer to the <a href="#">BCI training module on Soil Health in the Soil Type Analysis and Soil Fertility sections</a> for additional guidance on soil testing and nutrient replenishment</p>
<p>A capacity-building plan on soil health is developed and implemented</p>	<p>The PU manager together with the FFs should develop a plan that includes face-to-face and/or online training sessions, building on demo plots to raise awareness and raise capacity to design and Implement best practices around improved management of soil health</p>

<p>Demonstration plots are established annually beginning with the 2020-21 season, with a focus on soil health and building awareness of benefits of soil testing. The minimum number of demo plots required is as follows:</p> <ol style="list-style-type: none"> <li>1. Mozambique: 20 demo plots</li> <li>2. South Africa: 2 demo plots in each LG where soil testing will occur</li> <li>3. Madagascar: 2 demo plots in each PU</li> </ol>	<p>The PU Manager together with the FFs should set a demo plot to raise awareness on the value of knowing the pH and macro-nutrient content of their soil, the results of recent soil testing, and the impacts for the PU's overall soil management plan and activities.</p>
<p>A plan to source synthetic manufactured fertilizers and/or produce home-made compost for the benefit of demonstration plots has been developed and implemented by the 2020-21 season</p>	<p>With the support of the BCI country team, the PU manager must develop a plan to identify fertilizers supply (organic of synthetic -if available) for the sake of demo plot's needs.</p>
<p>Partnership opportunities with global/regional/national institutions and organizations are identified and engaged to supply testing kits as per the sample-based testing needs</p>	<p>With the support of country teams and IP managers, PU managers must identify opportunities to provide testing kits to LGs selected to undertake NPK/PH analysis</p>
<p><b>Mali</b></p>	
<p>Soil testing is conducted that includes NPK and pH analysis. A minimum of 1 soil test per Learning Group on a minimum of 1% of the Learning Groups within a Producer Unit must be conducted annually beginning in the 2021-22 season and carrying on until the next P&amp;C revision</p>	<p>Soil testing should be carried out at least once per year on at least 1% of LGs (at least one sample per LG). This soil testing requirement is to provide BCI Farmers with information about nutrient and pH levels in order to make more informed soil decisions. If this testing hasn't happened yet, the PU should have a specific plan for testing including how the testing will be done (and by whom), which LGs will be covered, when the testing will happen, and how results will be documented and analysed. The PU should be able to demonstrate the results of the soil testing. Refer to the <a href="#">BCI training module on Soil Health in the Soil Type Analysis and Soil Fertility sections</a> for additional guidance on soil testing and nutrient replenishment</p>
<p>A capacity-building plan on soil health is developed and implemented</p>	<p>The PU manager together with the FFs should develop a plan that includes face-to-face and/or online training sessions on NPK analysis, building on demo plots to raise awareness and raise capacity to design and Implement best practices around improved management of soil health</p>

<p>Partnership opportunities with global/regional/national institutions and organisations are identified and engaged to supply testing kits as per the sample-based testing needs</p>	<p>With the support of country teams, PU managers must identify opportunities to provide testing kits to LGs selected to undertake NPK/PH analysis</p>
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