

### Example of a BIFS project logframe

The example below is an incomplete and hypothetical logframe, its purpose is simply to illustrate the underlying logic of the logframe.

Intervention logic	Indicators	Means of verification
<p><b>Super Goal</b> To reduce risk associated with agricultural chemical use while maintaining yield, quality and profitability through increasing the adoption of biologically integrated farming systems.</p>	<ul style="list-style-type: none"> <li>The use of FQPA-targeted pesticides in CA agriculture is reduced by X% two years after the project end date.</li> </ul>	<ul style="list-style-type: none"> <li>Trend analysis of Pesticide Use Report data.</li> </ul>
<p><b>Long-term goal</b> Reduce organophosphate and carbamate use among CA rutabaga farmers.</p>	<ul style="list-style-type: none"> <li>20% of CA rutabaga farmers adopt at least one component of the project's template by the project end date.</li> </ul>	<ul style="list-style-type: none"> <li>Pre- and post-project surveys of farmers and PCAs</li> </ul>
<p><b>Short-term goal(s)</b></p> <ol style="list-style-type: none"> <li>Fine-tune and demonstrate that BIFS techniques are viable.</li> <li>Non-project farmers and PCAs are aware of BIFS techniques (outreach).</li> </ol>	<ul style="list-style-type: none"> <li>There is no yield loss in BIFS plots relative to conventional ones.</li> <li>Production costs are \$10/acre lower in BIFS plots.</li> <li>40% of non-project farmers are able to describe BIFS practices by the project end date.</li> </ul>	<ul style="list-style-type: none"> <li>Analysis of side-by-side data (BIFS vs. conventional)</li> <li>Analysis of production costs for side-by-side plots</li> <li>Survey conducted by SAREP</li> </ul>
<p><b>Outputs</b></p> <p><b>Toward Goal 1:</b></p> <ol style="list-style-type: none"> <li>Pest control decisions in BIFS plots made based on monitoring data.</li> <li>Yield and cost data is collected and made available</li> <li>....</li> <li>....</li> </ol> <p><b>Toward Goal 2:</b></p> <ol style="list-style-type: none"> <li>Non-project farmers and PCAs attend field days.</li> </ol>	<ul style="list-style-type: none"> <li>Pest monitoring data generated weekly June-September.</li> <li>Data shared with project farmers and PCAs.</li> <li>Treatment decisions made based on data.</li> <li>Yield and cost data available after each harvest.</li> <li>By the project end date, at least 30% of targeted farmers and PCAs will have attended at least one field day.</li> </ul>	<ul style="list-style-type: none"> <li>Monitoring data</li> <li>Record of interactions</li> <li>Communication with farmers and PCAs.</li> <li>Yield and cost data</li> <li>Attendance sheets</li> </ul>

<p><b><u>Outputs (continued)</u></b></p> <p>B. Non-project farmers and PCAs receive the newsletter.</p> <p>C. ....</p> <p><b>Toward Goals 1 and 2:</b></p> <p>A. Project farmers and PCAs participate in the project.</p>	<ul style="list-style-type: none"> <li>• By the project end date, at least 30% of targeted farmers and PCAs will have received the newsletter regularly.</li> <li>• At least 11 farmers and 2 PCAs are “enrolled” in BIFS six months after project initiation.</li> <li>• 2 farmers and 2 PCAs are formally on the management team by the second month after project initiation.</li> </ul>	<ul style="list-style-type: none"> <li>• Mailing lists</li> <li>• List of farmer names with acreage committed to project.</li> <li>• Management team list.</li> </ul>
<p><b><u>Activities</u></b></p> <p><b>Toward Goal 1:</b></p> <ul style="list-style-type: none"> <li>• Describe BIFS farming system.</li> <li>• Set up side-by-side plots.</li> <li>• Develop farm plans.</li> <li>• Collect pest and beneficial organism population data.</li> <li>• Collect yield data.</li> <li>• Collect economic data.</li> <li>• Modify farm plan as needed.</li> <li>• Faxes, calls, emails, and visits among project participants.</li> </ul> <p><b>Toward Goal 2:</b></p> <ul style="list-style-type: none"> <li>• Organize and conduct 4 field days per year.</li> <li>• Publish and distribute newsletter every-other month.</li> </ul> <p><b>Toward Goals 1 and 2:</b></p> <ul style="list-style-type: none"> <li>• Recruit project farmers, PCAs and other cooperators.</li> <li>• Schedule and hold management team meetings monthly.</li> <li>• Use and modify logframe regularly in management team meetings.</li> </ul>	<p><i>Successful implementation of activities is measured by indicators and means of verification from the Output section above.</i></p>	