

## EXAMPLE Worksheet 7: My Regenerative Climate Resilience Plan

Use your analysis of the best-fit climate resilience practices you identified in Step 4 (see Worksheet 6) to complete this worksheet. For each best-fit practice that you plan to incorporate into your farm operation over the next one to three years, note the climate resilience strategy, the specific best-fit practices associated with this strategy, and the main asset type(s) associated with each practice. Complete each row by noting the specific steps and timeline to implement each practice and some specific measurements you will use to monitor the effectiveness of each practice. Note that there may be more than one specific practice associated with each climate resilience strategy.

| Climate Resilience Strategy                     | Specific Practice/<br>Asset Type(s)  | Implementation Steps<br>& Timeline  | Monitoring Plan  |
|---|--|---|--|
| Reduce water use, and diversify water sources.  | Upgrade irrigation equipment, and add a new well using financial incentives (physical/tech and financial). | Year 1: Apply for financial incentives for a new well and irrigation equipment. Year 2: Put in new well, and purchase irrigation equipment.   | Record source and volume of water applied to each field in each season.  |
|   | Improve irrigation management skills (human).  | Year 1: Management team learns best irrigation practices. Year 2: Management team trains employees in best irrigation practices.  | Record management and labor hours and perception of stress associated with irrigation of each field in each season.  |
| Manage production areas to improve soil health. | Add cover crops to annual crop rotation using financial incentives (natural and financial).                | Year 1: Apply for financial incentives for cover crops as a soil health practice. Identify/create cover crop windows in crop rotation. Select a best-fit cover crop species mix. Year 2: Phase in annual cover crops. | Conduct annual on-farm soil health tests (% cover, aggregate stability, and infiltration rate) at the time of fall planting. Video field response to extreme rainfall events. Note spring soil conditions and first fieldwork dates. |

## EXAMPLE Worksheet 7: My Regenerative Climate Resilience Plan (Continued)

| Climate Resilience Strategy                                | Specific Practice/<br>Asset Type(s)  | Implementation Steps<br>& Timeline  | Monitoring Plan  |
|--|--|---|--|
| <p>Shift to better-adapted crop cultivars and species.</p> | <p>Add wet-cool-tolerant and drought-heat-tolerant annuals to crop rotation (natural).</p> | <p>Year 1: Learn about tolerant cultivars to add to rotation or to replace the most sensitive cultivars/species in rotation. Trial new cultivars/species on the farm outside of crop rotation. Year 2: Continue on-farm trials, and phase the best-performing new cultivars/species into crop rotation.</p> | <p>Document weather conditions and the performance of each new cultivar/species in on-farm trials and after adding to the crop rotation.</p> |
| <p>Make a stress management plan.</p>                      | <p>Train team in best stress management practices (human).</p>                             | <p>Year 1: Management team learns best stress management practices and drafts a stress management plan. Year 2: Management team integrates stress management practices into the annual operations plan and trains employees in these practices.</p>   | <p>Document management and employee perception of stress through team check-ins during each season.</p>                                      |