

EXAMPLE Worksheet 6: Best-Fit Climate Resilience Practices

Complete this worksheet for each practice you noted on Worksheet 5. Fill in this table to document your evaluation of each practice in terms of how well it fits into your current operation. Be sure to include in your evaluation how well each practice supports your holistic goal (Worksheet 1) and improves the current position of your farm business (Worksheet 2). Complete your evaluation by noting whether you will include each practice in your climate resilience plan and the most important reasons for your decision.

Climate Resilience Strategy: *Reduce water use, and diversify water sources.*

Specific Practice(s): *Upgrade to more efficient irrigation equipment. Add a new well. Expand irrigation equipment to the whole farm. Improve irrigation management skills.*

Benefits	<i>100% of acreage can be irrigated, and sufficient water can be provided to the home in all seasons; adds a redundant water source ; reduces the risk of summer crop failure; increased summer crop yield and quality; improves management team skills; increases available acreage in the summer, allowing us to add more cover crops and try new practices to improve soil quality and reduce production risks</i>
Drawbacks & Barriers	<i>Expensive improvement; don't have capital on hand or savings/credit to implement</i>
Other Considerations	<i>Would greatly reduce stress and labor requirements in the summer; cost-share for well and irrigation upgrade is available through the Soil and Water Conservation District</i>
Supports Holistic Goal?	<i>Yes — Especially by allowing more time for rest, reducing stress, lowering production risk, and improving financial security</i>
Improves Current Status?	<i>Yes — Addresses a major weakness in our operation (irrigating only 50% of our production acres) and a growing threat (more summer dry periods and drought)</i>
Include in Plan? Why/Why Not?	<i>Yes — We will adopt this strategy</i>