



2023 CROP ORGANIC SYSTEM PLAN – SECTION 5

Date:
Customer ID: AG-C000 OC
Legal business name:
DBA:

5. NATURAL RESOURCES, BIODIVERSITY, CONSERVATION, AND WATER

NOP 205.200; 205.203(a)

What soil conservation practices do you use? (e.g.: low till/no till, cover crop, composting, contour farming, conservation buffers, riparian buffers, wetland, windbreak, interplanting, under-sowing, retention ponds, long term sod, avoid working saturated soils, avoid steep, avoid highly erodible land, etc.)

What soil erosion problems do you experience and why?

Please describe your efforts to minimize soil erosion:

How do you monitor the effectiveness of your soil conservation program?

Frequency:

Please indicate all water uses at the operation:
None, Crops washing, Other, Livestock, Irrigation, Foliar Sprays, Greenhouse



Water sources: (select all that apply)
None, River/ creek/ pond, Other, On-site wells, Irrigation district, Municipal/ county, Spring

Type of irrigation system:
None, Center pivot, Other, Drip, Wheel line, Flood, Hand line

Is this system shared with another operator? No Yes
If yes, does the other grower inject fertilizers, pesticides, algaecides, sanitizers, or any other substance in the irrigation system?

What practices do you use to maintain or improve water conservation?
(e.g.: Scheduled use, laser leveling, land forming, drip irrigation, micro-spray, plant regionally appropriate crops, plant drought tolerant natives, encourage infiltration in fields/pastures, etc.)

What practices do you use to share water resources with wildlife and or aquatic ecosystems?
(e.g.: Provide clean water sources for drinking/bathing/nesting, use fish screens with pumps, manage water for priority species, retain/restore vegetated riparian buffers/wetlands, etc.)

What practices are used to minimize water pollution?
(e.g.: fencing livestock, stream crossing, increase organic matter for better infiltration, sediment basin, compost/fertilizer stored away from water, calculate nutrient budgets, prevent nutrient leaching from over-irrigation, established grassed waterways/ terraces/ riparian buffers, etc.)



**How do you monitor the effectiveness of your water conservation and water quality program?**

*Frequency:*

**List wildlife and dominant native plants present on your farm (note priority species):**

**What actions do you take to provide habitat for pollinators, insect predators, birds, bats, and other wildlife?** *(e.g.: Bird/bat boxes and perches, hedgerows, blooming mixed crops, trees, shrubs, timing of field activities, brush piles, wildlife friendly fences, etc.)*

**How are you restoring and/or protecting natural areas?** *(e.g.: Woodlands, grasslands, riparian habitats, replace weedy areas with native species, establish conservation areas, etc.)*

**What actions do you take to control invasive plant/animal species, especially those that threaten natural areas?** *(e.g.: Learn about invasive species, weed/pest free seed usage, planting competing beneficials, biological control, etc.)*

**How do you monitor farm biodiversity?**

*Frequency:*

Name:	Title:	Date:
<i>I affirm that all statements made in this Organic System Plan are true and correct to the best of my knowledge.</i>		