

Appendix B: Eligible (Direct) On-Farm Water Management Program Practices

Irrigation Pipeline (430)	Definition	A water pipeline and associated components for use in irrigation
	Project examples	Main or secondary lines to deliver irrigation water to produce crops.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Pipeline_430_NHCP_CPS_2020.pdf
Irrigation Reservoir (436)	Definition	An irrigation system that is designed for small, efficient applications of water to crops to improve the overall efficiency to irrigation
	Project Examples	Lined recovery or containment area to hold captured storm runoff and contain irrigation return water that has traveled through production areas and could contain chemical and biological contaminants.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Reservoir_436_NHCP_CPS_9_2020.pdf
Irrigation System, Microirrigation (441)	Definition	An irrigation system that is designed for small, efficient applications of water to crops to improve overall efficiency of irrigation
	Project Examples	A low pressure, low volume irrigation system that applies water only to the plant root zone and saves water through high application efficiency and water distribution uniformity.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_System_Microirrigation_441_NHCP_CPS_2020.pdf
Irrigation System, Surface, and Subsurface (443)	Definition	A comprehensive irrigation system designed to address above and below ground irrigation practices to improve efficiency
	Project Examples	Center pivot, subsurface drip, drip tape
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_System_Surface_And_Subsurface_443_NHCP_CPS.pdf
Irrigation Water Management (449)	Definition	The process of fine tuning an irrigation system to optimize water use efficiency.
	Project Examples	Practices or technologies that increase irrigation efficiency/reduce runoff; variable rates of delivery facilitated by: soil moisture monitoring, GIS based irrigation application, remote sensing (drones).
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Water_Management_449_CPS_9_2020.pdf
Spring Development (574)	Definition	Harvesting water from a spring or other shallow groundwater source for beneficial use.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-10/Spring_Development_574_CPS_9_2020.pdf
Sprinkler System (442)	Definition	A water application system that consists of nozzles and pipeline operating under pressure.
	Project Examples	Small-scale water application by sprinkler for vegetable plot irrigation.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-10/Sprinkler_System_442_NHCP_CPS_2021.pdf

Stormwater Runoff Control (570)	Definition	The management of rainwater by means of gutters, pipes, and diversions to manage the quality and quantity of stormwater runoff.
	Project Examples	Detention basins to reduce runoff with dual purpose as a water supply for irrigation; diversion of surplus runoff to existing ponds to keep water on the farm.
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-10/Stormwater_Runoff_Control_570_CPS_9_2020.pdf
Variable Rate Nozzles	Definition	A spray system for apply agrochemicals or water that features an adjustable flow/application rate based on known or assumed parameters of the application environment.
Water Harvesting Catchment (636)	Definition	A collection and storage structure for harvested water.
	Project Example	Creating an impervious surface to capture runoff (includes roof structures).
	Publication Link	https://www.nrcs.usda.gov/sites/default/files/2022-10/Water_Harvesting_Catchment_636_NHCP_CPS_2020.pdf

Appendix C: Complimentary (Indirect) Water Management Practices

Practice Title (NRCS Conservation Code)	Guidelines
Access Control (472)	https://www.nrcs.usda.gov/sites/default/files/2022-08/Access_Control_472_CPS_Oct_2017.pdf
Access Road (560)	https://www.nrcs.usda.gov/sites/default/files/2022-08/Access_Road_560_CPS_9_2020.pdf
Agricultural Water Quality Plan	https://soilandwater.ca.uky.edu/awq
Building a Grade Stabilization Structure to Control Erosion	https://publications.ca.uky.edu/sites/publications.ca.uky.edu/files/aen100.pdf
Composting Facility (317)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Composting_Facility_317_CPS_9_2020.pdf
Conservation Cover (327)	https://www.nrcs.usda.gov/sites/default/files/2024-06/327-nhcp-cps-conservation-cover-2024.pdf
Conservation Crop Rotation (328)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Conservation_Crop_Rotation_328_CPS.pdf
Conservation Plan	https://www.nrcs.usda.gov/sites/default/files/2022-10/FY23_CPA%20199_Conservation%20Plan.pdf
Constructed Wetland (656)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Constructed_Wetland_656_NHCP_CPS_2020.pdf
Contour Buffer Strips (332)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Contour_Buffer_Strips_332_CPS_9-14.pdf
Contour Farming (330)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Contour_Farming_330_CPS_Oct_2017.pdf
Controlled Traffic Farming (334)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Controlled_Traffic_Farming_334_CPS.pdf

Cover Crop (340)	https://www.nrcs.usda.gov/sites/default/files/2024-06/340-nhcp-cps-cover-crop-2024.pdf
Critical Area Planting (342)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Critical_Area_Planting_342_CPS.pdf
Deep Tillage (324)	https://www.nrcs.usda.gov/sites/default/files/2022-11/324-NHCP-CPS-Deep-Tillage.pdf
Denitrifying Bioreactor (605)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Denitrifying_Bioreactor_605_NHCP_CPS_2020.pdf
Diversion (362)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Diversion_362_NHCP_CPS_2022.pdf
Drainage Water Management (554)	https://www.nrcs.usda.gov/sites/default/files/2023-08/554_NHCP_CPS_Drainage_Water_Management_2023.pdf
Dry Hydrant (432)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Dry_Hydrant_432_NHCP_CPS_2021.pdf
Farmstead Energy Improvement (374)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Energy_Efficient_Agricultural_Operation_374_NHCP_CPS_2021.pdf
Field Border (386)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Field_Border_386_CPS.pdf
Filter Strip (393)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Filter_Strip_393_CPS.pdf
Grade Stabilization Structure (410)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Grade_Stabilization_Structure_410_CPS_10_2020.pdf
Grassed Waterway (412)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Grassed_Waterway_412_CPS_9_2020.pdf
Heavy Use Area Protection (561)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Heavy_Use_Area_Protection_561_CPS_9_2020.pdf
Hillside Ditch (423)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Hillside_Ditch_423_NHCP_CPS_2022.pdf
Irrigation Land Leveling (464)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Land_Leveling_464_CPS_10_2020.pdf
Kentucky Forest Stewardship Program	https://eec.ky.gov/Natural-Resources/Forestry/forest-stewardship-program-and-landowner-services/Pages/default.aspx
Kentucky Nutrient Management Planning Guidelines (KyNMP)	https://publications.ca.uky.edu/sites/publications.ca.uky.edu/files/ID211.pdf
Mulching (484)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Mulching_CPS_484_Oct_2017.pdf
Nutrient Management (590)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Nutrient_Management_590_NHCP_CPS_2017.pdf
Residue and Tillage Management, no-till (329)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Residue_And_Tillage_Management_No_Till_329_CPS_0.pdf

Residue and Tillage Management, reduced till (345)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Residue And Tillage Management Reduced Till 345 CPS .pdf
Riparian Forest Buffer (391)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Riparian Forest Buffer 391 CPS 10 2020.pdf
Roof Runoff Structure (558)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Roof Runoff Structure 558 NHCP CPS 2021.pdf
Roofs and Covers (367)	https://www.nrcs.usda.gov/sites/default/files/2023-04/367-NHCP-CPS-Roofs-and-Covers-2023.pdf
Saturated Buffer (604)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Saturated Buffer 604 CPS 9 2020.pdf
Sediment Basin (350)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Sediment-Basin_350_CPS-May-2016.pdf
Stripcropping (585)	https://www.nrcs.usda.gov/sites/default/files/2022-10/Stripcropping 585 CPS Oct 2017.pdf
Structure for Water Control (587)	https://www.nrcs.usda.gov/sites/default/files/2022-10/Structure for Water Control 587 CPS Oct 2017.pdf
Tailwater Recovery (447)	https://www.nrcs.usda.gov/sites/default/files/2023-04/447-NHCP-CPS-Irrigation-and-Drainage-Tailwater-Recovery-2023.pdf
Terrace (600)	https://www.nrcs.usda.gov/sites/default/files/2023-08/600_NHCP_CPS_Terrace_2023.pdf
Trails and Walkways (575)	https://www.nrcs.usda.gov/sites/default/files/2022-10/Trails and Walkways 575 CPS 9 2020.pdf
Tree/Shrub Establishment (612)	https://www.nrcs.usda.gov/sites/default/files/2023-08/612_NHCP_CPS_Tree-Shrub_Establishment_2023.pdf
Vegetated Treatment Area (635)	https://www.nrcs.usda.gov/sites/default/files/2022-10/Vegetated Treatment Area 635 NHCP CPS 2021.pdf
Water and Sediment Control Basin (638)	https://www.nrcs.usda.gov/sites/default/files/2023-08/638_NHCP_CPS_Water_and_Sediment_Control_Basin_2023.pdf