

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://efotg.sc.egov.usda.gov/api/CPSFile/38577/430 KY CPS Irrigation Pipeline 2022
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://efotg.sc.egov.usda.gov/api/CPSFile/38583/436 KY CPS Irrigation Reservoir 2022
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://efotg.sc.egov.usda.gov/api/CPSFile/38587/441 KY CPS Irrigation System%2c Microirrigation 2022
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://efotg.sc.egov.usda.gov/api/CPSFile/11921/443 KY CPS Irrigation System Surface and Subsurface 2016
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://efotg.sc.egov.usda.gov/api/CPSFile/38590/449 KY CPS Irrigation Water Management 2022
Spring Development (574)	Definition	Harvesting water from a spring or other shallow groundwater source for beneficial use.
	Publication Link	https://efotg.sc.egov.usda.gov/api/CPSFile/38615/574 KY CPS Spring Development 2022
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://efotg.sc.egov.usda.gov/api/CPSFile/38618/442 KY CPS Sprinkler System 2022

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://efotg.sc.egov.usda.gov/api/CPSFile/11936/472_KY_CPS_Access_(Con)trol_2018
Access Road (560)	https://efotg.sc.egov.usda.gov/api/CPSFile/32649/560_KY_CPS_Access_Road_2021
Agricultural Water Quality Plan	https://www.uky.edu/bae/awqp
Building a Grade Stabilization Structure to Control Erosion	http://www2.ca.uky.edu/agcomm/pubs/aen/aen100/aen100.pdf
Composting Facility (317)	https://efotg.sc.egov.usda.gov/api/CPSFile/32578/317_KY_CPS_Composting_Facility_2021
Conservation Cover (327)	https://efotg.sc.egov.usda.gov/api/CPSFile/11793/327_KY_CPS_(Con)servation_Cover_2015
Conservation Crop Rotation (328)	https://efotg.sc.egov.usda.gov/api/CPSFile/11799/328_KY_CPS_(Con)servation_Crop_Rotation_2015
Conservation Plan	https://efotg.sc.egov.usda.gov/references/public/KY/Code199_Conservation_Plan_CPA_FY22.pdf
Constructed Wetland (656)	https://efotg.sc.egov.usda.gov/api/CPSFile/12089/656_KY_CPS_(Con)structed_Wetland_2016
Contour Buffer Strips (332)	https://efotg.sc.egov.usda.gov/api/CPSFile/11808/332_KY_CPS_(Con)tour_Buffer_Strips_2016
Contour Farming (330)	https://efotg.sc.egov.usda.gov/api/CPSFile/26587/330_KY_CPS_(Con)tour_Farming_2020
Controlled Traffic Farming (334)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Controlled_Traffic_Farming_334_CPS.pdf
Cover Crop (340)	https://efotg.sc.egov.usda.gov/api/CPSFile/11818/340_KY_CPS_Cover_Crop_2015
Critical Area Planting (342)	https://efotg.sc.egov.usda.gov/api/CPSFile/26693/342_KY_CPS_Critical_Area_Planting_2020

Deep Tillage (324)	https://efotg.sc.egov.usda.gov/api/CPSFile/11786/324_K Y CPS Deep Tillage 2015
Denitrifying Bioreactor (605)	https://efotg.sc.egov.usda.gov/api/CPSFile/32736/605_K Y CPS Denitrifying Bioreactor 2021
Diversion (362)	https://efotg.sc.egov.usda.gov/api/CPSFile/11842/362_K Y CPS Diversion 2016
Drainage Water Management (554)	https://efotg.sc.egov.usda.gov/api/CPSFile/32574/554_K Y CPS Drainage Water Management 2021
Dry Hydrant (432)	https://efotg.sc.egov.usda.gov/api/CPSFile/11915/432_K Y CPS Dry Hydrant 2012
Farmstead Energy Improvement (374)	https://efotg.sc.egov.usda.gov/api/CPSFile/11850/374_K Y CPS Farmstead Energy Improvement 2011
Field Border (386)	https://efotg.sc.egov.usda.gov/api/CPSFile/26685/386_K Y CPS Field Border 2020
Filter Strip (393)	https://efotg.sc.egov.usda.gov/api/CPSFile/26686/393_K Y CPS Filter Strip 2020
Grade Stabilization Structure (410)	https://efotg.sc.egov.usda.gov/api/CPSFile/32841/410_K Y CPS Grade Stabilization Structure 2021
Grassed Waterway (412)	https://efotg.sc.egov.usda.gov/api/CPSFile/32028/412_K Y CPS Grassed Waterway 2021
Heavy Use Area Protection (561)	https://efotg.sc.egov.usda.gov/api/CPSFile/32655/561_K Y CPS Heavy Use Area Protection 2021
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://efotg.sc.egov.usda.gov/api/CPSFile/38573/464_K Y CPS Irrigation Land Leveling 2022
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)	http://www2.ca.uky.edu/agcomm/pubs/ID/ID211/ID211.pdf
Mulching (484)	https://efotg.sc.egov.usda.gov/api/CPSFile/29620/484_K Y CPS Mulching 2021
Nutrient Management (590)	https://efotg.sc.egov.usda.gov/api/CPSFile/31719/590_K Y CPS Nutrient Management 2021
Residue and Tillage Management, no-till (329)	https://efotg.sc.egov.usda.gov/api/CPSFile/26586/329_K Y CPS Residue and Tillage Management%2c No Till 2020
Residue and Tillage Management, reduced till (345)	https://efotg.sc.egov.usda.gov/api/CPSFile/26588/345_K Y CPS Residue and Tillage Management%2c Reduced Till 2020
Riparian Forest Buffer (391)	https://efotg.sc.egov.usda.gov/api/CPSFile/31666/391_K Y CPS Riparian Forest Buffer 2021
Roof Runoff Structure (558)	https://efotg.sc.egov.usda.gov/api/CPSFile/11981/558_K Y CPS Roof Runoff Structure 2015
Roofs and Covers (367)	https://efotg.sc.egov.usda.gov/api/CPSFile/11844/367_K Y CPS Roofs and Covers 2015
Saturated Buffer (604)	https://efotg.sc.egov.usda.gov/api/CPSFile/12032/604_K Y CPS Saturated Buffer 2016
Sediment Basin (350)	https://efotg.sc.egov.usda.gov/api/CPSFile/11831/350_K Y CPS Sediment Basin 2016

Stripcropping (585)	https://efotg.sc.egov.usda.gov/api/CPSFile/26688/585_K_Y_CPS_Stripcropping_2020
Structure for Water Control (587)	https://efotg.sc.egov.usda.gov/api/CPSFile/27044/587_K_Y_CPS_Structure_For_Water_(Con)trol_2012
Tailwater Recovery (447)	https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Drainage_Tailwater_Recovery_447_CPS_9_2020.pdf
Terrace (600)	https://efotg.sc.egov.usda.gov/api/CPSFile/32719/600_K_Y_CPS_Terrace_2021
Trails and Walkways (575)	https://efotg.sc.egov.usda.gov/api/CPSFile/32701/575_K_Y_CPS_Trails_and_Walkways_2021
Tree/Shrub Establishment (612)	https://efotg.sc.egov.usda.gov/api/CPSFile/12042/612_K_Y_CPS_Tree-Shrub_Establishment_2017
Vegetated Treatment Area (635)	https://efotg.sc.egov.usda.gov/api/CPSFile/12061/635_K_Y_CPS_Vegetated_Treatment_Area_2016
Water and Sediment Control Basin (638)	https://efotg.sc.egov.usda.gov/api/CPSFile/27128/638_K_Y_CPS_Water_and_Sediment_(Con)trol_Basin_2013