

Approved Land Uses, Conservation Practices, and Resource Concerns to Support the National On-Farm Energy Initiative

Approved Land Uses

Crop, Pasture, Range, Farmstead

Approved Resource Concerns

Inefficient Energy Use
Equipment and Facilities
Farming/Ranching Practices

Approved Conservation Practices

Core Practices —A conservation practice listed in the electronic Field Office Technical Guide (eFOTG) that is essential to address the natural resource concerns identified by an initiative.	Code
Agricultural Energy Management Plan—Headquarters	122
Agricultural Energy Management Plan—Landscape	124
Farmstead Energy Improvement	374
Irrigation Water Management	449
Pumping Plant	533

Supporting Practices —A conservation practice listed in the eFOTG that may be needed to facilitate the implementation of a core practice or, along with other approved practice, needed to address the natural resource concerns identified by the initiative.	Code
Conservation Crop Rotation	328
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329
Cover Crop	340
Residue and Tillage Management, Mulch Till	345
Residue and Tillage Management, Ridge Till	346
Windbreak/Shelterbelt Establishment	380

Conservation Practice—Resource Concern Matrix

NRCS Approved Resource Concerns		Inefficient Energy Use		Inefficient Energy Use	
NRCS Natural Resource Concern Categories for ProTracts Application, Evaluation, and Ranking Tool (AERT) "C" = Core practice (Bold) required to be offered. "X" - Supporting practices are optional to be offered		Equipment and Facilities	Rationale	Farming/Ranching Practices	Rationale
Conservation Practice	Code				
Agricultural Energy Management Plan - Headquarters	122	N/A		N/A	
Agricultural Energy Management Plan - Landscape	124	N/A		N/A	
Farmstead Energy Improvement	374	C	Identified in AgEMP-HQ or On-Farm Energy Audit		
Irrigation Water Management	449			C	Allows capture of surface water and reduces the need to draw groundwater
Pumping Plant	533	C	Identified in AgEMP-HQ or On-Farm Energy Audit	C	Identified in AgEMP-Landscape and efficient pumping plant reduces energy use
Conservation Crop Rotation	328			X	Inclusion of legumes in crop rotation can reduce need for nitrogen inputs
Residue and Tillage Management, No Till/ Strip Till/ Direct Seed	329			X	No tillage operations, fewer trips across the field
Cover Crop	340			X	Legume cover crops can reduce nitrogen inputs
Residue and Tillage Management, Mulch Till	345			X	Fewer tillage trips across the field and less horsepower requirements
Residue and Tillage Management, Ridge Till	346			X	Fewer tillage passes and less aggressive tillage
Windbreak/ Shelterbelt Establishment	380	X	Reduces heating around farmsteads		