

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

**Approved Land Uses**

Crop, Pasture, Grazed Range, Headquarters

**Approved Resource Concerns**

<b>Inefficient Energy Use</b>
Equipment and Facilities Energy
Farming/Ranching Practices and Field Operations

**Approved Conservation Practices**

<b>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.</b>	<b>Code</b>
Agricultural Energy Management Plan—Headquarters	122
Agricultural Energy Management Plan—Landscape	124
Farmstead Energy Improvement	374
Irrigation Water Management	449
Pumping Plant	533

<b>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.</b>	<b>Code</b>
Conservation Crop Rotation	328
Cover Crop	340
Residue and Tillage Management, Mulch Till	345
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329
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 Energy	Rationale	Farming/Ranching Practices and Field Operations	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		
Conservation Crop Rotation	328			X	Inclusion of legumes in crop rotation can reduce need for nitrogen inputs
Cover Crop	340			X	Legume cover crops can reduce nitrogen inputs
Irrigation Water Management	449			C	<b>Improvement of Irrigation Efficiency can result in reduced energy use for pumping</b>
Pumping Plant	533	C	Identified in AgEMP-HQ or On-Farm Energy Audit	C	<b>Identified in AgEMP-Landscape and Efficient pumping plant reduces energy use</b>
Residue and Tillage Management, Mulch Till	345			X	Few tillage trips across the field and Less horsepower requirements
Residue and Tillage Management, No Till/ Strip Till/ Direct Seed	329			X	No tillage operations, fewer trips across the field
Residue and Tillage Management, Ridge Till	346			X	Fewer tillage passes and less aggressive tillage
Windbreak/ Shelterbelt Establishment	380	X	Reduces heating around farmsteads		