

AL405 / EXCLUSION FENCING FOR FERAL SWINE (ELECTRIC)

PURPOSE - The purpose of exclusionary fencing is to exclude or minimize access to high value crops, orchards, grazing lands and row crops to feral swine. This would reduce damage to vegetative cover, property damage, potential for erosion, and possible pathogen transmittal to humans and domestic animals.

RESOURCE CONCERN - To assist agricultural producers in reducing erosion, soil quality degradation, and water quality issues that can arise from damage to the land from feral swine. These problems can culminate from crop destruction, rooting, wallowing, and concentrations of E. Coli, Salmonella, and Giardia left behind in water sources. Water quality degradation can extend past field sediment and pathogen loss into deterioration of aquatic habitat for sensitive species.

5-wire high tensile electric fences with wire spacing fixed to keep feral swine out are required. Woven wire or multi-strand barbed wire fencing will not be permissible for exclusion fencing under this practice. The goal will be to balance the necessary components to exclude the target species and reduce damage to natural resources while maintaining a viable cost structure and availability to historically underserved producers.

MANAGEMENT - Properly designed and constructed fencing will reduce the frequency of repairs necessary to continue exclusion of feral swine. All fences require proper maintenance and should be checked on a regular basis. Power sources, solar panels, batteries, insulators, and grounding equipment should be inspected frequently. Tall grasses, shrubs and small trees proximal to the fence will require cutting and/or spraying to reduce short circuits, breaches, and loss of visibility when performing maintenance checks. Fallen limbs and trees must be removed quickly and any damage repaired to preserve restricted access.

REQUIREMENTS - All feral swine exclusion fences funded under this practice must use a charger rated at 8 joules output or higher. Refer to the NRCS Conservation Practice Standard 382 for High Tensile Use PExclusion Electric Fence for Feral Swine for additional specifications.