

Attachment E
APHIS FORM 7023
Explanation of Procedures Producing Pain or Distress
Column E (Feral Pigs)

Registration #: 74-R-0146

Number of Animals Used in Study: 43

Species: feral pigs

Procedure Producing Pain or Stress in Feral Pigs: Intoxication due to consumption of candidate pesticides with sodium nitrite as the active ingredient

Justification-Feral Pigs: Anesthetic, analgesic, and tranquilizing drugs were not used on specimens listed in column E during the reporting period. All experiments were toxicological in nature and use of such drugs would compromise key components of the investigation which were assessments of spilled toxic bait mass and location. Feeding behaviors of intoxicated subjects used in testing were necessary for determination of potential risks to non-target consumers which would have access to toxicants removed from target-specific feeders by feral pigs and spilled on the ground. The mass and location of such spills allow estimates of the number of individuals within a species which could reach a lethal concentration (e.g. LD₅₀) (if spills were consumed entirely) as well as identifying potential spill mitigation measures.

Signature of Institutional Official: _____

(b) (6), (b) (7)(C)

Date: 11-20-20