Initial setting: Livestock or poultry operation with high nutrient levels in manure, air quality problems, or issues with pathogens.

**Feed Management (592)**

1. Improved diet formulation and feed ingredients
2. Feed additives
3. Improved feed management technologies

**D.1 (+) Animal nutrition**

**D.2 (-) Emissions of ammonia, odor, greenhouse gases, volatile organic compounds, and dust**

**D.3 (-) Nutrients and pathogens excreted in the manure**

**I.1 (+) Air quality**

**I.2 (-) Neighbor complaints**

**I.3 (-) Nutrients, salts, pathogens in surface and ground water**

**C.1 (+) Increased farm profitability**

**C.2 (+) Human health, domestic animal health, community well-being**

**C.3 (+) Quality of receiving waters, aquatic habitat, recreational opportunities**

**LEGEND**

- Mitigating practice
- Associated practice
- Notes:
  Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.