Amendments for the Treatment of Agricultural Waste (591)

1. Amendments added or applied and mixed into a waste stream generated by an animal or processing agricultural operation

   D.3 (+) Cost of materials, operation and management
   D.2 (+) Ammonia suppression
   D.1 (+) Odor suppression
   I.1 (-) Odor suppression
   I.2 (+) Nitrogen retention in waste stream
   I.3 (-) Ammonia emissions
   I.4 (+) Animal health
   I.5 (+/-) Net returns to producer
   C.1 (+) Air quality
   I.13 (+) Working conditions
   C.4 (+/-) Income and income stability (individuals and community)
   C.2 (+) Public/private health and safety, community relations
   C.3 (+) Water quality and compliance with water quality standards
   D.4 (+) Phosphorus binding
   D.5 (+) Solids separation
   I.6 (+) Phosphorus retention in waste stream
   I.7 (+) Nutrient utilization
   I.8 (-) Nutrient transport to receiving waters
   I.9 (+) Ability to manipulate and manage waste stream
   I.10 (+) Alternatives for solid waste utilization
   I.11 (-) Cost of future regulatory compliance
   I.12 (+) Operational efficiency/flexibility
   I.13 (+) Working conditions
   I.1 (-) Odor suppression
   I.10 (+) Alternatives for solid waste utilization
   I.11 (-) Cost of future regulatory compliance
   I.12 (+) Operational efficiency/flexibility
   I.13 (+) Working conditions

LEGEND

D. Direct effect
I. Indirect effect
C. Cumulative effect

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.

* Various practices for management and/or treatment of manure/wastes.