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
D.4 (+) Phosphorus binding
D.5 (+) Solids separation

I.2 (+) Nitrogen retention in waste stream
I.1 (-) Odor suppression
I.6 (+) Phosphorus retention in waste stream
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.8 (-) Nutrient transport to receiving waters
I.7 (+) Nutrient utilization
I.5 (+/-) Net returns to producer
I.4 (+) Animal health
I.3 (-) Ammonia emissions
I.1 (+) Air quality
I.7 (+) Nutrient utilization

C.4 (+/-) Income and income stability (individuals and community)
C.2 (+) Public/private health and safety, community relations
C.1 (+) Air quality
C.3 (+) Water quality and compliance with water quality standards

Initial setting: Established operation producing manure or agricultural processing wastes where changes to the characteristics of the waste stream are needed

LEGEND

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.