



# Farm Management

**Manure Management  
On Environmentally  
Sensitive Areas**  
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Editor's Note: This was adapted from "Penn State Agronomy Facts 55: Estimating Manure Application Rates."

Farmers are responsible for any pollution caused by the spreading of manure. Some special environmental considerations for field application of manure, as listed in the Nutrient Management Act regulations, include:

1. Do not spread manure within 100-feet of an open sinkhole where surface water flow is toward the sinkhole, unless the manure is mechanically incorporated within 24 hours of application.

2. Do not spread manure within 100-feet of active private drinking water sources such as wells and springs where surface flow is toward the water source, unless the manure is mechanically incorporated within 24 hours of application.

3. Do not spread manure within 100-feet of an active public drinking water source, unless other State or Federal

laws or regulations require a greater isolation distance.

4. Do not spread manure within concentrated water flow areas in which vegetation is maintained, such as ditches, waterways, gullies, and swales, during times when soil is frozen, snow covered, or saturated.

5. Do not spread manure within concentrated water flow areas in which vegetation is not maintained, such as intermittent streams, gullies, and ditches.

6. Do not spread manure within 100-feet of streams, springs, lakes, ponds, intakes to agricultural drainage systems (such as in-field catch basins and pipe outlet terraces), or other types of surface water conveyance, where surface flow is toward the identified area, during times when soil is frozen, snow covered, or saturated.

7. Do not spread manure upslope within 200-feet of streams, springs, lakes, ponds, intakes to agricultural drainage systems (such as in-field catch basins and pipe outlet terraces), or other types of surface water conveyance where the slope greater than eight percent within the 200-feet during times

when soil is frozen, snow covered, or saturated.

When necessary, to spread manure on frozen ground, apply to your most level fields, those farthest from streams, and those that having a vegetative cover or crop residue with the lowest runoff potential. Apply manure to distant or limited-access fields in early winter, then to nearer fields later in the season,

when mud and snow make access and spreading more difficult.

Use of conservation practices that reduce or slow runoff will help reduce the adverse effects of winter-applied manure. If spreading manure on soils subject to flooding, do so only at times when flooding is least likely to occur.

## Average Farm Feed Costs for Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's last week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania.

Remember, these are averages, so you

will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No.2y — 1.97 bu., 3.52 cwt.  
Wheat, No.2 — 2.14 bu., 3.58 cwt.  
Barley, No.3 — 1.36 bu., 2.91 cwt.  
Oats, No.2 — 1.29 bu., 4.02 cwt.  
Soybeans, No.1 — 4.17 bu., 6.96 cwt.  
Ear Corn — 56.14 ton, 2.81 cwt.  
Alfalfa Hay — 131.25 ton, 6.56 cwt.  
Mixed Hay — 123.75 ton, 6.19 cwt.  
Timothy Hay — 117.50 ton, 5.88 cwt.

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