



Reducing The Impact Of Spring Flooding On Seed, Feed And Manure

SEED

- Store seed off the ground and in an area not prone to flooding.
- Dike or sandbag bins.
- Remove seed from flood-prone areas.
- Spring road restrictions could limit the speed at which seed can be removed.
- Anticipate a high demand for early maturity varieties which could mean higher prices and shortages.
- Identify potential alternative suppliers of seed.
- Consider keeping a copy of the labeling and an unopened seed container from each lot. This is a good way to preserve evidence in case a performance problem with the seed occurs.

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FEED

- Store drugs for animal feed off the ground/floor in an area not prone to flooding.
- Move manufactured feed out of flood zone.
- Spring road restrictions could limit the speed at which feed can be removed.
- Delay shipments or receipt of drugs and feeds.

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LIVESTOCK PRODUCERS AND CUSTOM MANURE APPLICATORS

- Immediately remove manure stockpiles from floodplains.
- To reduce the potential for manure contamination to waters of the state, contact the Minnesota Pollution Control Agency (MPCA) at 800-657-3864 or the MPCA Detroit Lakes Office directly at 218-847-1519 and your local County Feedlot Officer/s (CFOs) if your manure storage facility has the potential to overflow.

- **If your manure storage facility overflows, you must contact the Minnesota Duty Officer at (800) 422-0798.**
- Reduce the amount of clean water runoff entering manure storage structures by diverting roof and driveway runoff or by modifying facilities to eliminate feedlot runoff (i.e., total confinement).
- Although winter manure application is normally discouraged, consider winter manure applications to remove manure from facilities threatened by floodwaters or in danger of overflowing. When applying manure consider slopes less than 6%, maintain a 300 foot setback from sensitive features and avoid floodplains.
- Consider hiring a commercial applicator if you do not have suitable equipment or time.
- If your site has a National Pollution Discharge Elimination System (NPDES) permit issued by the MPCA and you are considering land application, call the MPCA directly for further information as there are additional restrictions on land application.
- Consider applying manure on crops that normally do not receive manure. For example, apply manure on fields going into soybeans, alfalfa, or apply on pasture.
- Producers should consider temporary stockpiles outside flood areas or storing manure in other liquid manure storage outside areas that may be affected by floodwaters or in danger of overflowing.
- Contact your local Soil and Water Conservation District (SWCD), University of Minnesota Extension service or MPCA for more information on allowable manure application rates and suggestions for the best ways to reduce the risk of pollution from spring flooding.

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