A low-cost pumping system below the settling basin can be used to remove the nutrient-rich effluent to cropland or pasture. The effluent and nutrients are then distributed through a hose or pipe via flood irrigation where both the water and the other nutrients can be used for crop growth, reducing the potential impact on water quality.

**Agenda**
- Pumping Effluent to Protect Water Quality | Kris Kohl | ISU Ag Engineer
- Cost and Benefits | Greg Galles | Owner
- Small Feedlot Plan | Shawn Shouse | ISU Ag Engineer

**Contacts**
Kris Kohl | ISU Ag Engineer | 712-730-5068
Beth Doran | ISU Beef Specialist | 712-737-4230

Please visit us at:
http://www.agronext.iastate.edu/immag/smallfeedlotsdairy.html

This field day will be held rain or shine. Directions from intersection of Hwy 3 and County Road L36 (D Ave.) south of Marcus, travel approximately 4 ½ miles south on D Ave. The feedlot is on west side of the road.

This field day is sponsored by Iowa State University Extension and Outreach and in part by the Water Quality Initiatives for Small Iowa Beef and Dairy Feedlot Operations project, supported in part by a section 319 grant through the Iowa Department of Natural Resources and the U.S. Environmental Protection Agency, Region 7.
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