

COALITION TO SUPPORT
IOWA'S FARMERS



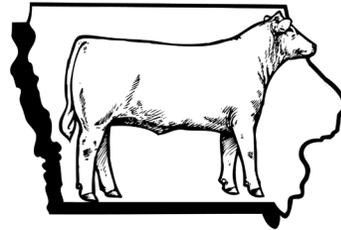
WHO WE ARE



MEMBER ORGANIZATIONS



Iowa Cattlemen's



Association



Rules for Livestock Farms



- ▶ **Size matters:**
- ▶ Capacity determines which rules apply. Capacity is the maximum number of animals that will be confined at any one time.
- ▶ 500 Animal Units or Less - Small Animal Feeding Operations (SAFO)
- ▶ 500 to 1,000 Animal Units – (Medium AFO)

New
Confinements,
Size matters!

What is an Animal Unit?

Animal Unit Conversion Factors

Species	Animal Unit
Slaughter and feeder cattle	1.0
Immature dairy cattle	1.0
Mature dairy cattle	1.4
Swine over 55 pounds	0.4
Swine between 15 and 55 pounds	0.1
Sheep or lambs	0.1
Turkeys over 112 ounces	0.018
Turkeys less than 112 ounces	0.0085
Chickens over 48 ounces	0.01
Chickens less than 48 ounces	0.0025
Fish	0.001

What rules apply to all sized confinement barns?

- ▶ Setbacks to water
- ▶ Check for Alluvial and Karst soils
- ▶ Stormwater discharge permit
- ▶ All confinement animals counted together (Combination Farms)



Setbacks from water bodies:

- ▶ 100 to 200 feet for a confinement from a private well
- ▶ 200/500 feet from a water source (lake, river, reservoir, creek, stream, ditch or other body of water having definite banks and a bed)
- ▶ 1000 feet from a major water source (navigable lake or river listed in DNR rules)
- ▶ 2500 feet from a designated wetland
- ▶ 1000 feet from a known sinkhole



Alluvial and Karst

- ▶ **Alluvial soil/floodplain:** Alluvial soils are soils deposited by running water and are often located in existing **floodplains**.
- ▶ **Karst/Bedrock:** Karst terrain is characterized by the **presence of easily dissolved bedrock** (limestone and dolomite) near the ground surface. Because carbonate rocks can be dissolved by groundwater, karst areas are often characterized by **sinkholes, springs, and losing streams** where some surface flow is lost to groundwater.



Stormwater Discharge Permit

- ▶ Stormwater discharge permit: A storm water discharge permit is required if the **area disturbed during construction is more than one acre.**





500 to 1,000 Animal Units

- ▶ Separation distances to residences, businesses, churches, schools, public use areas, and public roads must be met.
- ▶ Manure Management Plan or Nutrient Management Plan
- ▶ Certified Manure Applicator
- ▶ Construction Design Statement and Standards

Separation Distances

Type of Structure (liquid, semi-liquid and dry manure storage)	Total Animal Unit Capacity (AUC) (AU)	Residences, Businesses, Churches, Schools		Public use areas
		Unincorporated Areas	Incorporated Areas	
Anaerobic lagoons and uncovered earthen manure storage basins	500 AU or less	1,875 feet	1,875 feet	1,875 feet
	501 AU to < 1,000 AU	1,875 feet	1,875 feet	1,875 feet
	1,000 AU to < 3,000 AU	2,500 feet	2,500 feet	2,500 feet
	3,000 AU or more	3,000 feet	3,000 feet	3,000 feet
Covered earthen manure storage basins	500 AU or less	1,250 feet	1,875 feet	1,875 feet
	501 AU to < 1,000 AU	1,250 feet	1,875 feet	1,875 feet
	1,000 AU to < 3,000 AU	1,875 feet	2,500 feet	2,500 feet
	3,000 AU or more	2,375 feet	3,000 feet	3,000 feet
Uncovered formed manure storage structures	500 AU or less	None	None	None
	501 AU to < 1,000 AU	1,500 feet	1,875 feet	1,875 feet
	1,000 AU to < 3,000 AU	2,000 feet	2,500 feet	2,500 feet
	3,000 AU or more	2,500 feet	3,000 feet	3,000 feet
Confinement buildings and covered formed manure storage structures	500 AU or less	None	None	None
	501 AU to < 1,000 AU	1,250 feet	1,875 feet	1,875 feet
	1,000 AU to < 3,000 AU	1,875 feet	2,500 feet	2,500 feet
	3,000 AU or more	2,375 feet	3,000 feet	3,000 feet
Egg washwater storage structures	500 AU or less	None	None	None
	501 AU to < 1,000 AU	1,000 feet	1,875 feet	1,875 feet
	1,000 AU to < 3,000 AU	1,500 feet	2,500 feet	2,500 feet
	3,000 AU or more	2,000 feet	3,000 feet	3,000 feet

Confinement Animals Counted Together (Combination Farms)

- ▶ Under state law, for the purpose of new construction permitting, all animal units in the same production practice need to be counted together.
- ▶ What this means is if you have a 1,200 head confinement hog barn and you are considering building a 200 head calving barn, you need to count the animal units from both confinements together to know what separation distances and permitting requirements would need to be met for the proposed cattle farm. (**680** total Animal Units)



Before building, get yourself educated!



- ▶ You will have a lot of interest in your project!
- ▶ It costs too much to do it wrong!
- ▶ Contact the Coalition to help you with siting and the rules.
- ▶ Have a plan for today and tomorrow!

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