

Separation Distance Charts

Minimum required separation distances for Concentrated Animal Feeding Operations (CAFOs) construction

(Constructed on or after March 1st, 2003)

Type of Structure	Total Animal Unit Capacity*	Residence (in unincorporated areas)
Anaerobic lagoons & uncovered earthen manure storage basins	500 or less	1,875 feet
	501-999	1,875 feet
	1,000 to 2,999	2,500 feet
	3,000 or more	3,000 feet
Uncovered formed manure storage structure	500 or less	None
	501-999	1,250 feet
	1,000 to 2,999	1,875 feet
	3,000 or more	2,375 feet
Confinement buildings and covered formed manure storage structures	500 or less	None
	501-999	1,250 feet
	1,000 to 2,999	1,875 feet
	3,000 or more	2,375 feet
Egg washwater storage structures	500 or less	None
	501-999	1,000 feet
	1,000 to 2,999	1,500 feet
	3,000 or more	2,000 feet

* Read below for information on how to calculate animal unit capacity.

Minimum Required Separation Distances for Land Application of Manure from CAFOs

(For liquid manure from CAFOs – except for irrigation)

Required Separation Distance From	Incorporated Within 24 hours or less	Surface Applied
Residence, business, church, school, or public use area	0 feet	750 feet
Sinkhole, abandoned well, cistern, drinking water well, designated wetland, water source	0 feet	200 feet

How to Calculate Animal Unit Capacity

One finishing hog = .4 animal unit

(Example: 2,500-head of finishing hogs x .4 = 1,000 animal units)

One nursery pig = .1 animal unit

One cattle = one animal unit

One dairy cow = 1.4 animal units

One broiler/layer chicken less than three lbs = .0025 animal unit

One broiler/layer chick 3 lbs or greater = .01 animal unit

This information is compiled from documents provided by the Department of Natural Resources. If you have any questions or for more information about any of these rules or regulations contact Iowa Citizens for Community Improvement at 515-282-0484 or iowacci@iowacci.org.