

Selling and Buying Manure in Iowa

This fact sheet is written to assist producers in Iowa who want to sell or buy animal manure. If you are planning to buy manure produced outside of Iowa or sell manure to someone located outside of Iowa, please be sure to check the regulatory requirements of other states. Sales or distribution of manure is regulated by either the Department of Natural Resources (DNR) or the Iowa Department of Agriculture and Land Stewardship (IDALS).

Selling Manure from Confinement Facilities that require a Manure Management Plan

Manure from confinement facilities requiring a manure management plan may be sold under one of four methods and still meet manure plan requirements. These methods are defined by the type of manure being sold.

Method 1. Selling Manure under Iowa Code Chapter 200. Manure may be sold under Chapter 200 of the Iowa Administrative Code which is regulated through IDALS. Manure sold under Chapter 200 is manure that has been manipulated in some manner, such as having other ingredients added, being dried or composted or being bagged for commercial distribution. Manure sold under Chapter 200 requires secondary containment around the manure storage structure. Manure sold under Chapter 200 requires a guaranteed analysis. A copy of the IDALS license and the DNR manure management plan

form for the sales of manure must be submitted to the DNR in place of the regular manure plan forms.

Method 2. Selling Manure under Iowa Code Chapter 200A or the "Bulk Dry Animal Nutrients Products Law." This is the most common method for selling dry manure. Manure that meets the definition of "dry" manure can be sold under Chapter 200A which is regulated by IDALS. The difference between Chapter 200 and 200A is that dry bulk animal nutrient product is defined as any unmanipulated animal manure sold in bulk form to which a label cannot be attached, the manure contains one or more recognized plant nutrients, the manure promotes plant growth, the manure does not flow perceptibly under pressure, the manure is not capable of being transported through a mechanical pumping device designed to move liquid and the constituent molecules of the manure do not flow freely among themselves, but do show a tendency to separate under stress. Manure sold under Chapter 200A requires a guaranteed analysis. Manure sold through Chapter 200A does not require implementation of the Iowa Phosphorous Index. However, a copy of the IDALS license and the DNR manure management plan form for the sales of dry manure must be submitted to the DNR in place of the regular manure plan forms. Manure sold under Chapter 200A does not require secondary containment.

Method 3. Distribution of Manure through a Ma-

Contributors

- Natural Resource Conservation Service
- Agribusiness Assoc. of Iowa
- Iowa Farm Bureau Federation
- Iowa Poultry Association
- Iowa Turkey Federation
- Iowa Pork Industry Center
- Iowa Beef Center
- Iowa Pork Producers Assoc.
- Iowa Department of Natural Resources
- Iowa Cattlemen's Association
- Iowa Department of Agriculture and Land Stewardship
- Iowa State Dairy Association
- Iowa Commercial Nutrient Applicators Association
- Coalition to Support Iowa's Farmers
- Iowa Corn Growers Association
- Iowa Soybean Association
- Iowa State University, University Extension
- Iowa State University, College of Agriculture and Life Sciences

nure Agreement. If you choose not to sell manure via method 1 or 2 as identified above, or if you plan to sell liquid manure from a confinement facility, you may do so through a manure agreement. In this case, you as the seller complete a manure agreement with the purchaser for either the cost of the manure or the cost of application of the manure or the cost of both. For this method you will be required to meet the application rate limits and conditions of your manure management plan as required by the DNR(DNR Form 542-4000) . This will include implementing the Iowa Phosphorus Index on all fields receiving manure through the agreement. In addition, the purchaser of manure is required to keep records of commercial fertilizer application to ensure nutrient application rates in the manure management plan are not exceeded. The purchaser of the manure is required to share these records with the owner of the manure management plan on an annual basis. One example for keeping these records includes the DNR Form 542-8167, "Statement of Intent" to report planned applications of commercial fertilizer to the DNR. Use of this form is not required. It should also be noted that if you as the manure generator, charge for the application of manure from your farm to others, the DNR considers you to be a commercial manure applicator and you will be required to be certified as a commercial manure applicator.

Method 4. Distribution of Manure through Manure Sales Form. This method is very similar to Method 3, but does not require a formal manure management plan. However, the requirements include all of the components of a manure management plan. If your operation has an established practice of sell-

ing manure or includes a type of livestock for which selling manure is a common practice, you must submit the following information to the DNR: estimate of number of acres required for land application of manure from your farm; annual animal production; manure volume generated; manure sales form; a statement of intent from the purchaser(s) or past sales records and, if required, the Iowa P Index and factors used in the Iowa P Index calculations. The DNR does not require use of specific forms for the sale of manure or the statement of intent to purchase manure, but links to examples may be found in the Additional Resources section at the end of this fact sheet. The owner of the manure shall maintain copies of the current manure management plan and signed copies of the sales forms from each purchaser for five years after each sale.

Selling Manure from Confinement Facilities that do not require Manure Management Plans

If you are not required to have a manure management plan, you may sell manure via methods 1 or 2 above if it is dry manure, or via a private contract. It is not necessary to have a private contract, but is possible the purchaser could sue the seller if the product fails to meet expectations for its intended use, therefore implementing a contract can help to protect the seller.

Selling Manure from Permitted Open Feedlots

The DNR has no regulations on selling manure from permitted open feedlots, so you will be required to comply with all DNR requirements pertaining to a Nutrient Management Plan. So, similar to manure from confinement feeding operations, manure will have to be distributed and or sold through manure agreements as part of the nutrient management

plan. (See methods 3 or 4 above).

Selling Manure from Non-permitted Open Feedlots

Because non-permitted open feedlots are not required to meet nutrient management plan requirements, there are no regulations for selling manure. They may choose to sell dry manure under Chapter 200 or 200A, but are not required to do so. It may be beneficial to sell manure from these types of facilities via a private contract to protect the seller, but it is not necessary.

Things to Consider if you are Buying Manure

Manure is a great nutrient source for crop production, however, if you are buying or selling manure, please consider the following requirements:

If you purchase manure from a confinement facility with more than 500 animal units in confinement, you will need to meet confinement site manure applicator certification requirements to haul, handle, transport or land apply the manure on your farm.

If you purchase manure from a confinement facility with more than 500 animal units in confinement or from a permitted open feedlot, application of manure from those facilities is subject to the terms of the manure or nutrient management plan of the original generator of the manure and certain regulatory requirements. This will include following certain application rates, application methods, setback distances for land application and stockpiling regulations. It may also require implementation of the Iowa P-Index for the fields receiving the manure.

Manure from all sources is subject to land application separation distances depending on how the manure is applied and the water source being protected. Please see the link to DNR 113 Land Application Separation Distances in the Additional Resources section of this fact sheet.

Unless you have purchased manure through Chapter 200 or Chapter 200A, it not necessary for the seller of the manure to provide you with a copy of a guaranteed analysis for nutrient content of the manure.

Links to Forms and Additional Resources:

Additional information and resources can be found on the IMMAG Web page at: <http://www.agronext.iastate.edu/immag/>.

Application for Fertilizer Dry Bulk Animal Nutrient License <http://www.iowaagriculture.gov/feedAndFertilizer/pdfs/drybulkannutrientprod.pdf>

Dry Bulk Animal Nutrient Distribution Statement <http://www.iowaagriculture.gov/feedAndFertilizer/pdfs/drybulknutrientdist.pdf>

DNR Form 542-8069 Manure Management Plan for Sales of Dry Manure under Iowa Code Chapters 200 or 200A <http://www.iowadnr.gov/afo/forms/5428069.pdf>

DNR Form 542-8120 Manure Management Plan Compliance Review- Sales of Manure <http://www.iowadnr.gov/afo/forms/5428120.pdf>



DNR Form 542-4000 Manure Management Plan Form <http://www.iowadnr.gov/afo/forms/5424000b.pdf>

Statement of Intent - Commercial Fertilizer Application for Confinement Livestock and Poultry Producers <http://www.iowadnr.com/afo/forms/5428167.pdf>

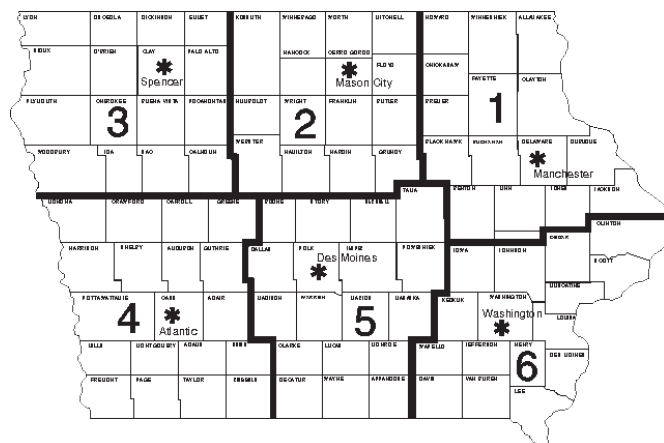
DNR 113 Separation Distances for Land Application of Manure <http://www.iowadnr.gov/afo/files/sepdstb4.pdf>

Example Manure Sales Form <http://www.agronext.iastate.edu/immag/buysell/manuresalesform.pdf>

Example Statement of Intent to Purchase Manure <http://www.agronext.iastate.edu/immag/buysell/intenttopurchase.pdf>

For additional information regarding sales of manure under Chapter 200 or 200A please contact, Terry Jensen, Iowa Department of Agriculture and Land Stewardship at (515) 281-8599 or terry.jensen@iowaagriculture.gov

For additional information regarding selling or distributing manure through manure agreements as part of manure or nutrient management plans please contact your DNR Field Office.



Field Office 1 Manchester	Phone: (563) 927-2640
Field Office 2 Mason City	Phone: (641) 424-4073
Field Office 3 Spencer	Phone: (712) 262-4177
Field Office 4 Atlantic	Phone: (712) 243-1934
Field Office 5 Des Moines	Phone: (515) 725-0268
Field Office 6 Washington	Phone: (319) 653-2135

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