

Section 5 Example: Manure Transfer Plan

1. Manure nutrients to be transferred to off-farm users.

The Beef Case Study farm will initiate a manure transfer program with the goal of moving 3,500 tons of manure per year to neighboring crop producers. During our first year, these products will be applied at no cost to the crop producer and applied at a rate designed to meet the crops nitrogen requirements. Side by side demonstration comparing commercial fertilizer and manure will be set up on at least three crop farm sites with an end of year comparison of yields.

The Beef Case Study farm will establish a nutrient management plan for each neighboring crop producer field receiving manure. It will also maintain records to document its implementation. All planning and record keeping will follow the same procedures as currently used on land owned by the beef case study.

If these demonstrations are successful, the beef case study farm will negotiate future prices for manure transfer with neighboring crop producers.

	a. Annual Quantity of Manure Transferred	N Transferred Off-Farm		P ₂ O ₅ Transferred Off-Farm	
		b. Concentration From Manure Analysis	c. Total Annual Transfer (lbs.) [a x b]	d. Concentration From Manure Analysis	e. Total Annual Transfer (lbs.) [a x d]
f. Excess Manure Nitrogen			70,000		
Off-Farm Users: Crop Producers	3,500 <input checked="" type="checkbox"/> Tons <input type="checkbox"/> Gallons <input type="checkbox"/> Acre-in	20 lb/ton	70,000 lb N	28 lb P ₂ O ₅ / t	98,000 lb P ₂ O ₅
h. Unused Manure Nitrogen [Row f - Row g]			0		

2. Services to be offered in support of manure transfer to off-farm users.

a. Handling and application services to be included with manure.

- Loading of manure
 Land application of manure
 Transport of manure to site
 Incorporation of manure

Describe: Animal feeding operation will load, haul and land apply manure according to a nitrogen rate specified in an NMP

b. Agronomic services to be included for assisting users in agronomic applications of manure.

- Calibration of manure applicator
 Manure analysis
 Customer report following application of manure nutrient rates
 Soil testing
 Consulting agronomist

Describe: Crop producer is responsible for collecting soil samples.

c. Nuisance avoidance services to be included with transfer of manure to off-farm user:

- Incorporation of manure
 Composting of manure
 Composting
 Notification of neighbors
 Notification of local government
 Application setback from homes: _____
 Application setback from surface water: 100 ft
 Other setbacks: _____
 Timing to limit nuisance: _____