

Field # \_\_\_\_\_

## Crop Phosphorus Requirement Worksheet

	Example	Your Farm
1. Crop to be grown	Fescue hay	_____
2. Crop yield expectations from field records or NRCS standards	3.5 tons	_____
3. Phosphorus guidelines per unit of yield (Table 6)	18 lb/ton	_____
4. Crop phosphorus requirement (2 x 3)	65 lb/acre	_____
5. Commercial fertilizer phosphorus added	0 lb/acre	_____
6. Crop phosphorus need from poultry manure (4 - 5)	65 lb/acre	_____
7. Poultry manure plant available phosphorus		
a. Phosphorus composition of poultry manure from farm average or state average (Table 1)	54 lb/ton	_____
b. Phosphorus availability coefficient (80%)	0.8	_____
c. Plant-available phosphorus (a x b)	43.2 lb/ton	_____
8. Poultry manure application rate (7 ÷ 8c)	1.5 ton/acre	_____
9. Acres of crop to be grown	50 acres	_____
10. Total poultry manure required (8 x 9)	75 tons	_____