

Field # _____

Crop Phosphorus Requirement Worksheet

	Example	Your Farm
1. Crop to be grown	<u>Fescue Hay</u>	_____
2. Crop yield expectations from field records or NRCS standards	<u>2.5 tons</u>	_____
3. Phosphorus guidelines per unit of yield (Table-----)	_____	_____
4. Crop phosphorus requirement (2 x 3)	_____	_____
5. Commercial fertilizer phosphorus added	<u>0 lb/acre</u>	_____
6. Crop phosphorus need from poultry manure (4 - [5 + 6])	<u>0 lb/acre</u>	_____
7. Poultry manure plant available phosphorus		
a. Phosphorus composition of poultry manure from farm average or state average (Table 1)	<u>54 lb/ton</u>	_____
b. Phosphorus availability coefficient (80%)	<u>0.8</u>	_____
c. Plant-available phosphorus (a x b)	_____	_____
8. Poultry manure application rate (7 ÷ 8 c)	_____	_____
9. Acres of crop to be grown	<u>100 acres</u>	_____
10. Total poultry manure required (9 x 10)	_____	_____