

Nutrient Volume Calculations

Timber Ridge Pork

Manure Storage Lagoon	N lbs/yr Per 1000		P lbs/yr Per 1000		K lbs/yr Per 1000		Total N Produced Per Year		Total P Produced Per Year		Total K Produced Per Year		
	gal	20.25	gal	36.975	gal	7.4	Gal/Yr	1,600,000	Per Year	32,400	Per Year	59,160	Per Year

Total N Produced/yr - N Required lbs/ac = # acres needed for application based on N  
32,400                    88.0                    **368**

Total P Produced/yr - P Required lbs/ac = # acres needed for application based on P  
59,160                    60.0                    **986**

108 lbs/acre & 55 lbs/acre is a conservative estimate of an average of 180 bu corn & 50 bu beans. Even though more than 50% of the fields will be in corn each year, this is used as a conservative estimate.

*This farm is in nutrient balance for N or P loading rates.*