

Nutrient Volume Calculations

Timber Ridge Pork

Manure Storage Lagoon	N lbs/yr		P lbs/yr		K lbs/yr		Total N		Total P		Total K	
	Per 1000	gal	Per 1000	gal	Per 1000	gal	Produced Per Year	Gal/Yr	Produced Per Year	Per Year	Produced Per Year	Per Year
	20.25		36.975		7.4		32,400	1,600,000	59,160		11,840	

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.