




**SEND TO:** L & A SCHILLNG  
3818 KLEIN SCHOOL RD  
NEW ATHENS, IL 62264

**ORDER #:** 278473

**KJMM Notes**

**MBR = Deep Pit (Partial slatted)**

**MP = Deep Pit Barns (1-12)**

**ML = Lagoon**

SAMPLE ID:	MANURE ANALYSIS		
	MBR	MP	ML
LAB #:	24759	24760	24761
NUTRIENT	lbs/1000gal	lbs/1000gal	lbs/1000gal
TKN	69.2	28.2	6.7
NH4-N	41.7	17.8	3.1
P2O5	44.3	29.0	3.6
K2O	31.0	18.1	17.7
% TS	9.89	2.14	0.78
% H2O	90.11	97.86	99.22

TKN is the total nitrogen in the sample. NH4-N is ammonia nitrogen, at application it is 100% available. TKN minus NH4-N is organic nitrogen, it is 20% available the first year. The plant available nitrogen equals  $(0.2 \times \text{organic nitrogen}) + \text{NH4-N}$ . Example TKN = 50, NH4-N = 18, then Org-N =  $50 - 18 = 32$ . Therefore, plant available nitrogen =  $(.2 \times 32) + 18 = 24.4$ . P2O5 (Phosphate) and K2O (Potash) are usually 90% available the first year.

DATE: 10-17-2011

SIGNED: Marina Pantu

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