



DEALER: KOHLBRECHER TRUCKING
8307 MAIN ST.
ST. ROSE, IL 62230

ORDER #: 259170
MANURE ANALYSIS

*Fall
← slurry*

GROWER : BUEHNE FARMS INC.
SAMPLE ID: MANURE SAMPLE
LAB #: 22141

NUTRIENT	lbs / 1000 gal
TKN	17.5
NH4-N	11.0
P2O5	10.4
K2O	18.1
% TS	3.76
% H2O	96.24

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: 08-26-2011

SIGNED: Marina Pantu

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