Manure Nutrient Analysis

Operation:	Strout Crossing, LLC	***County:***	Pike	***Plan Saved:***	8/26/2011
Plan File:	strout crossing8-25-11.mmp	***State:***	Illinois	***Init. File Rev:***	5/21/2008
Plan Folder:	S:\ProjectFiles\2011\11-105\CNMP			***Soils File Rev:***	9/8/2010

Manure Source	Dry Matter (%)	Total N	NH_4-N	Total P_2O_5	Total K_2O	Avail. P_2O_5	Avail. K_2O	Units	Analysis Source and Date
Deep Pit		14.6	13.1	8.1	7.6	8.1	7.6	Lb/1000Gal	Perry Agricultural Labs 3/4/10

(1) Entered analysis may be the average of several individual analyses.
(2) Illinois assumes that 100% of manure phosphorus and 100% of manure potassium is crop available. First-year per-acre nitrogen availability for individual manure applications is given in the Planned Nutrient Applications table. For more information about nitrogen availability in Illinois, see Illinois Administrative Code, Livestock Management Facility Regulations, sections 900.806, 900.808 (http://www.ilga.gov/commission/jcar/admincode/008/00800900sections.html).

March 4, 2010

SPECIAL REPORT

STROUT CROSSING
1113 E WASHINGTON
PITTSFIELD, IL 62363

SAMPLE: *B/G PIT* **LAB#** *606*	**AS IS**	**LBS/1000 GAL**	**LBS/ACRE-INCH** when irrigating
	%		
MOISTURE			
SOLIDS			
VOLATILE SOLIDS			
ASH			
pH			
For Farm Use	**%**	**LBS/1000 GAL**	**LBS/ACRE-INCH**
Total N (TKN) as N	0.175	14.56	402
P.A.N. (sub-surface)	0.155	12.95	357
P.A.N. (surface)	0.100	8.37	231
PHOSPHORUS			
AS P2O5 for farm use	0.097	8.11	224
POTASSIUM			
AS K2O for farm use	0.090	7.49	207
For Environmental Record Keeping	**mg/kg**	**LBS/1000 GAL**	**LBS/ACRE-INCH**
Total N (TKN) as N	1747	14.56	402
AMMONIA	1570	13.09	361
NITRATE			
ORGANIC N	177	1.48	41
P.A.N. (surface)	1004	8.37	231
P.A.N. (sub-surface)	1553	12.95	357
PHOSPHORUS AS P	425	3.54	98
POTASSIUM AS K	762	6.35	175
CALCIUM			
MAGNESIUM			
SULFUR			
CARBON/NITROGEN RATIO			

P.A.N. is potential available N for this cropping season. It is calculated using the factors below.

P.A.N. (surface) factors: Organic N release 35% Nonvolatililized NH3 60% availabilit			
Second Year Release	32	0.27	7
SUBSURFACE: ORGANIC N RELEASE =35%: NH3 FACTOR SUBSURFACE 95% availability			

PERRY AGRICULTURAL LABORATORY, INC.

December 30, 2008

SPECIAL REPORT

UAP - PLEASANT HILL

Cmt/n

ST Route

SAMPLE: *MARK WEBSTER LAGOON*	AS IS	LBS/1000 GAL	LBS/ACRE-INCH when irrigating
LAB# *366*			
	%		
MOISTURE			
SOLIDS			
VOLATILE SOLIDS			
ASH			
pH			
For Farm Use	%	LBS/1000 GAL	LBS/ACRE-INCH
Total N (TKN) as N	0.232	19.35	534
P.A.N. (sub-surface)	0.180	15.03	415
P.A.N. (surface)	0.126	10.53	290
PHOSPHORUS			
AS P2O5 for farm use	0.103	8.61	238
POTASSIUM			
AS K2O for farm use	0.121	10.11	279
For Environmental Record Keeping	mg/kg	LBS/1000 GAL	LBS/ACRE-INCH
Total N (TKN) as N	2322	19.35	534
AMMONIA	1800	15.01	414
NITRATE			
ORGANIC N	522	4.35	120
P.A.N. (surface)	1263	10.53	290
P.A.N. (sub-surface)	1803	15.03	415
PHOSPHORUS AS P	451	3.76	104
POTASSIUM AS K	1028	8.57	236
CALCIUM			
MAGNESIUM			
SULFUR			
CARBON/NITROGEN RATIO			

P.A.N. is potential available N for this cropping season. It is calculated using the factors below.

P.A.N. (surface) factors: Organic N release 35% Nonvolatililized NH3 60% availability

Second Year Release 94 0.78 22

SUBSURFACE: ORGANIC N RELEASE =35%: NH3 FACTOR SUBSURFACE 95% availability