

Field Nutrient Balance

Operation: Strout Crossing, LLC
Plan File: strout crossing8-25-11.mmp
Plan Folder: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11
County: Pike
State: Illinois
Crop Years: 9/8/2010

Plan Saved: 9/27/2011
Init. File Rev: 5/21/2008
2011-2015 Soils File Rev:

Manure-spreadable Area

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2011	J2	17.8	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	J2	17.8	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	J2	17.8	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2014	J2	17.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-192 [†]	-37	9	-37	9
2015	J2	17.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-195 [†]	-77	-41	-77	-41
Total	J2				765	359	278	194	117	109					
2011	J3	28.4	Corn	180	196 [□]	77 [□]	50 [□]	196	117	110	0	40	60	40	60
2012	J3	28.4	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	117	77	117
2013	J3	28.4	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	174	114	174
2014	J3	28.4	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	150	230	150	230
2015	J3	28.4	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	186	286	186	286
Total	J3				980	385	250	954	571	536					
2011	J4	70.3	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	J4	70.3	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	J4	70.3	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	65	106	65	106
2014	J4	70.3	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	102	163	102	163
2015	J4	70.3	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	138	219	138	219
Total	J4				765	359	278	745	446	419					
2011	J5	5.2	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	J5	5.2	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	J5	5.2	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	65	106	65	106
2014	J5	5.2	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	102	163	102	163
2015	J5	5.2	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	138	219	138	219
Total	J5				765	359	278	745	446	419					

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Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2011	51A	2.4	Wheat	60	100 [□]	36 [□]	18 [□]	0	0	0	-100	-36	-18	-36	-18
2012	51A	2.4	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2013	51A	2.4	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2014	51A	2.4	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
2015	51A	2.4	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	150	229	150	229
Total	51A				884	344	218	763	458	429					
2011	52A-G	13.5	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2012	52A-G	13.5	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2013	52A-G	13.5	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2014	52A-G	13.5	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
2015	52A-G	13.5	Corn	180	196 [□]	77 [□]	50 [□]	189	113	106	-1 [†]	150	229	150	229
Total	52A-G				884	362	218	763	458	429					
2011	51 AA-HH	36.8	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2012	51 AA-HH	36.8	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-96 [†]	-14	41	4	41
2013	51 AA-HH	36.8	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-1 [†]	40	100	44	100
2014	51 AA-HH	36.8	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	77	157	81	157
2015	51 AA-HH	36.8	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	214	118	214
Total	51 AA-HH				884	362	218	768	462	432					
2011	53 AA-DD	7.7	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2012	53 AA-DD	7.7	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-96 [†]	-14	41	4	41
2013	53 AA-DD	7.7	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-1 [†]	40	100	44	100
2014	53 AA-DD	7.7	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-191 [†]	-37	50	-33	50
2015	53 AA-DD	7.7	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-1 [†]	40	109	40	109
Total	53 AA-DD				884	362	218	582	351	327					
2011	55 A-F	24.2	Corn	180	196 [□]	77 [□]	50 [□]	192	117	109	-4	40	59	40	59

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					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2012	55 A-F	24.2	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-96 [†]	-14	41	4	41
2013	55 A-F	24.2	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-1 [†]	40	100	44	100
2014	55 A-F	24.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-191 [†]	-37	50	-33	50
2015	55 A-F	24.2	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-1 [†]	40	109	40	109
Total	55 A-F				884	362	218	580	351	327					
2011	53 A-P	33.6	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2012	53 A-P	33.6	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2013	53 A-P	33.6	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2014	53 A-P	33.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-191 [†]	0	66	0	66
2015	53 A-P	33.6	Corn	180	196 [□]	77 [□]	50 [□]	193	116	109	-1 [†]	39	125	39	125
Total	53 A-P				884	362	218	577	347	325					
2011	54 A-E	7.9	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2012	54 A-E	7.9	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2013	54 A-E	7.9	Grass	4	100 [□]	48 [□]	200 [□]	113	81	76	13	33	-124	33	-124
2014	54 A-E	7.9	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-97 [†]	-15	-200	-15	-200
2015	54 A-E	7.9	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-99 [†]	-48	-200	-48	-200
Total	54 A-E				500	240	1000	113	81	76					
2011	59 A-D	10.7	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2012	59 A-D	10.7	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2013	59 A-D	10.7	Grass	4	100 [□]	48 [□]	200 [□]	113	81	76	13	33	-124	33	-124
2014	59 A-D	10.7	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-97 [†]	-15	-200	-15	-200
2015	59 A-D	10.7	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-99 [†]	-48	-200	-48	-200
Total	59 A-D				500	240	1000	113	81	76					
2011	58 A-E	7.5	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2012	58 A-E	7.5	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200

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					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2013	58 A-E	7.5	Grass	4	100 [□]	48 [□]	200 [□]	113	81	76	13	33	-124	33	-124
2014	58 A-E	7.5	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-97 [†]	-15	-200	-15	-200
2015	58 A-E	7.5	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-99 [†]	-48	-200	-48	-200
Total	58 A-E				500	240	1000	113	81	76					
2011	A12	51.7	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A12	51.7	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A12	51.7	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2014	A12	51.7	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2015	A12	51.7	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
Total	A12				884	362	218	574	345	323					
2011	A2	13.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A2	13.8	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A2	13.8	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2014	A2	13.8	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2015	A2	13.8	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
Total	A2				884	362	218	574	345	323					
2011	A8	61.3	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A8	61.3	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A8	61.3	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2014	A8	61.3	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2015	A8	61.3	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
Total	A8				884	362	218	574	345	323					
2011	A10	8.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A10	8.6	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A10	8.6	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59

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					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2014	A10	8.6	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2015	A10	8.6	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
Total	A10				884	362	218	574	345	323					
2011	A9	13.1	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A9	13.1	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A9	13.1	Corn	180	196 [□]	77 [□]	50 [□]	194	117	109	-2	40	59	40	59
2014	A9	13.1	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-2 [†]	77	116	77	116
2015	A9	13.1	Corn	180	196 [□]	77 [□]	50 [□]	190	114	107	-1 [†]	114	173	114	173
Total	A9				884	362	218	574	345	323					
2011	Bradshaw A	84.3	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw A	84.3	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	Bradshaw A	84.3	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-173 [†]	-49	-1	-49	-1
2014	Bradshaw A	84.3	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	0 [†]	28	49	28	49
2015	Bradshaw A	84.3	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-172 [†]	-49	-1	-49	-1
Total	Bradshaw A				708	359	278	352	210	198					
2011	Bradshaw B	89.3	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw B	89.3	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	Bradshaw B	89.3	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-173 [†]	-49	-1	-49	-1
2014	Bradshaw B	89.3	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	0 [†]	28	49	28	49
2015	Bradshaw B	89.3	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-172 [†]	-49	-1	-49	-1
Total	Bradshaw B				708	359	278	352	210	198					
2011	Bradshaw C	129.6	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw C	129.6	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	Bradshaw C	129.6	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-173 [†]	-49	-1	-49	-1
2014	Bradshaw C	129.6	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	0 [†]	28	49	28	49

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					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2015	Bradshaw C	129.6	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-172 [†]	-49	-1	-49	-1
Total	Bradshaw C				708	359	278	352	210	198					
2011	Bradshaw D	54.1	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw D	54.1	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	-1	28	49	28	49
2013	Bradshaw D	54.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-173 [†]	-49	-1	-49	-1
2014	Bradshaw D	54.1	Corn	180	177 [□]	77 [□]	50 [□]	176	105	99	0 [†]	28	49	28	49
2015	Bradshaw D	54.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-172 [†]	-49	-1	-49	-1
Total	Bradshaw D				708	359	278	352	210	198					

Non-manure-spreadable Area

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2011	J2	2.2	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	J2	2.2	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	J2	2.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	J2	2.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	J2	2.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	J2				765	359	278	0	0	0					
2011	J3	4.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	J3	4.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2013	J3	4.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	J3	4.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	J3	4.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	J3				980	385	250	0	0	0					
2011	J4	11.1	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78

Field Nutrient Balance

Operation: Strout Crossing, LLC
Plan File: strout crossing8-25-11.mmp
Plan Folder: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11
County: Pike
State: Illinois
Crop Years: 9/8/2010

Plan Saved: 9/27/2011
Init. File Rev: 5/21/2008
2011-2015 Soils File Rev:

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2012	J4	11.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	J4	11.1	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	J4	11.1	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	J4	11.1	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	J4				765	359	278	0	0	0					
2011	J5	4.3	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	J5	4.3	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	J5	4.3	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	J5	4.3	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	J5	4.3	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	J5				765	359	278	0	0	0					
2011	51A	2.6	Wheat	60	100 [□]	36 [□]	18 [□]	0	0	0	-100	-36	-18	-36	-18
2012	51A	2.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2013	51A	2.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	51A	2.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	51A	2.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	51A				884	344	218	0	0	0					
2011	52A-G	2.8	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2012	52A-G	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2013	52A-G	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	52A-G	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	52A-G	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	52A-G				884	362	218	0	0	0					
2011	51 AA-HH	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	51 AA-HH	0.4	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18

Field Nutrient Balance

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County: Pike
State: Illinois
Crop Years: 9/8/2010

Plan Saved: 9/27/2011
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2011-2015 Soils File Rev:

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2013	51 AA-HH	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	51 AA-HH	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	51 AA-HH	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	51 AA-HH				884	362	218	0	0	0					
2011	53 AA-DD	0.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	53 AA-DD	0.8	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	53 AA-DD	0.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	53 AA-DD	0.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	53 AA-DD	0.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	53 AA-DD				884	362	218	0	0	0					
2011	55 A-F	0.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	55 A-F	0.5	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	55 A-F	0.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	55 A-F	0.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	55 A-F	0.5	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	55 A-F				884	362	218	0	0	0					
2011	53 A-P	4.2	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2012	53 A-P	4.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2013	53 A-P	4.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	53 A-P	4.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	53 A-P	4.2	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	53 A-P				884	362	218	0	0	0					
2011	58 A-E	4.8	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2012	58 A-E	4.8	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2013	58 A-E	4.8	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200

Field Nutrient Balance

Operation: Strout Crossing, LLC
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State: Illinois
Crop Years: 9/8/2010

Plan Saved: 9/27/2011
Init. File Rev: 5/21/2008
2011-2015 Soils File Rev:

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2014	58 A-E	4.8	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
2015	58 A-E	4.8	Grass	4	100 [□]	48 [□]	200 [□]	0	0	0	-100	-48	-200	-48	-200
Total	58 A-E				500	240	1000	0	0	0					
2011	A12	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A12	1.6	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A12	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	A12	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	A12	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	A12				884	362	218	0	0	0					
2011	A2	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A2	1.6	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A2	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	A2	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	A2	1.6	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	A2				884	362	218	0	0	0					
2011	A8	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A8	2.8	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A8	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	A8	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2015	A8	2.8	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	A8				884	362	218	0	0	0					
2011	A10	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2012	A10	0.4	Wheat	60	100 [□]	54 [□]	18 [□]	0	0	0	-100	-54	-18	-36	-18
2013	A10	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
2014	A10	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50

Field Nutrient Balance

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Plan Saved: 9/27/2011
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2011-2015 Soils File Rev:

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
2015	A10	0.4	Corn	180	196 [□]	77 [□]	50 [□]	0	0	0	-196	-77	-50	-77	-50
Total	A10				884	362	218	0	0	0					
2011	Bradshaw A	7.4	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw A	7.4	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	Bradshaw A	7.4	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2014	Bradshaw A	7.4	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2015	Bradshaw A	7.4	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
Total	Bradshaw A				708	359	278	0	0	0					
2011	Bradshaw B	15.9	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw B	15.9	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	Bradshaw B	15.9	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2014	Bradshaw B	15.9	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2015	Bradshaw B	15.9	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
Total	Bradshaw B				708	359	278	0	0	0					
2011	Bradshaw C	20.0	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw C	20.0	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	Bradshaw C	20.0	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2014	Bradshaw C	20.0	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2015	Bradshaw C	20.0	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
Total	Bradshaw C				708	359	278	0	0	0					
2011	Bradshaw D	4.1	Soybean	60	0 [□]	51 [□]	78 [□]	0	0	0	0	-51	-78	-51	-78
2012	Bradshaw D	4.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2013	Bradshaw D	4.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2014	Bradshaw D	4.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50
2015	Bradshaw D	4.1	Corn	180	177 [□]	77 [□]	50 [□]	0	0	0	-177	-77	-50	-77	-50

Field Nutrient Balance

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County: Pike
State: Illinois
Crop Years: 2011-2015

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Soils File Rev: 2011-2015

Year	Field	Size Acres	Crop	Yield Goal /Acre	Fertilizer Recs ¹			Nutrients Applied ²			Balance After Recs ³			Balance After Removal ⁴	
					N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	N Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A	P ₂ O ₅ Lb/A	K ₂ O Lb/A
Total	Bradshaw D				708	359	278	0	0	0					

¹ Fertilizer Recs are the crop fertilizer recommendations. The N rec accounts for any N credit from previous legume crop.

² Nutrients Applied are the nutrients expected to be available to the crop from that year's manure applications plus nutrients from that year's commercial fertilizer applications and nitrates from irrigation water. With a double-crop year, the total nutrients applied for both crops and the year's balances are listed on the second crop's line.

³ For N, Nutrients Applied minus Fertilizer Recs for indicated crop year. Also includes amount of residual N expected to become available that year from prior years' manure applications. For P₂O₅ and K₂O, Nutrients Applied minus Fertilizer Recs *through* the indicated crop year, with positive balances carried forward to subsequent years. Negative values indicate a potential need to apply additional nutrients.

⁴ Nutrients Applied minus amount removed by harvested portion of crop through the indicated year. Positive balances are carried forward to subsequent years.

¤ Indicates a custom fertilizer recommendation in the Fertilizer Recs column.

^a Indicates in the Balance After Recs N column that the legume crop is assumed to utilize up to 150 pounds of the supplied N.

[†] Indicates in the Balance After Recs N column that the value includes residual N expected to become available that year from prior years' manure applications.