

FIELD NUTRIENT NEEDS

Planned Crops and Fertilizer Recommendations

Field	Crop Year	Planned Crop	Yield Goal (per Acre)	N Rec (Lbs/A)	P ₂ O ₅ Rec (Lbs/A)	K ₂ O Rec (Lbs/A)	N Removed (Lbs/A)	P ₂ O ₅ Removed (Lbs/A)	K ₂ O Removed (Lbs/A)
Aebley 1 (843)	2008	Corn	160 Bu	190	90	145		69	45
Aebley 1 (843)	2009	Soybean	55 Bu	0	65	170		47	71
Aebley 1 (843)	2010	Wheat	80 Bu	70	90	120		48	24
Aebley 1 (843)	2011	Corn	160 Bu	190	90	145		69	45
Aebley 2 (843)	2008	Soybean	55 Bu	0	0	70		47	71
Aebley 2 (843)	2009	Wheat	80 Bu	70	0	25		48	24
Aebley 2 (843)	2010	Corn	160 Bu	190	0	45		69	45
Aebley 2 (843)	2011	Corn	160 Bu	190	0	45		69	45
CAPS 1 (1123)	2008	Corn	160 Bu	190	0	45		69	45
CAPS 1 (1123)	2009	Corn	160 Bu	190	0	45		69	45
CAPS 1 (1123)	2010	Soybean	55 Bu	0	0	70		47	71
CAPS 1 (1123)	2011	Wheat	80 Bu	70	0	25		48	24
CAPS 2 (1123)	2008	Corn	160 Bu	190	70	85		69	45
CAPS 2 (1123)	2009	Corn	160 Bu	190	70	85		69	45
CAPS 2 (1123)	2010	Soybean	55 Bu	0	45	115		47	71
CAPS 2 (1123)	2011	Wheat	80 Bu	90	70	65		48	24
CAPS 3 (1123)	2008	Corn	160 Bu	190	70	120		69	45
CAPS 3 (1123)	2009	Corn	160 Bu	190	70	120		69	45
CAPS 3 (1123)	2010	Soybean	55 Bu	0	45	150		47	71
CAPS 3 (1123)	2011	Wheat	80 Bu	70	70	100		48	24
FRANK'S (1123)	2008	Corn	160 Bu	190	0	45		69	45
FRANK'S (1123)	2009	Soybean	55 Bu	0	0	75		47	71
FRANK'S (1123)	2010	Wheat	80 Bu	70	0	25		48	24
FRANK'S (1123)	2011	Corn	160 Bu	190	0	45		69	45
HOME 1 (1113)	2008	Corn	160 Bu	190	0	45		69	45
HOME 1 (1113)	2009	Corn	160 Bu	190	0	45		69	45
HOME 1 (1113)	2010	Soybean	55 Bu	0	0	70		47	71
HOME 1 (1113)	2011	Wheat	80 Bu	70	0	25		48	24
HOME 2 (1113)	2008	Soybean	55 Bu	0	0	0		47	71
HOME 2 (1113)	2009	Corn	160 Bu	150	0	0		69	45
HOME 2 (1113)	2010	Corn	160 Bu	190	0	0		69	45
HOME 2 (1113)	2011	Soybean	55 Bu	0	0	0		47	71
HOME 4 (1113)	2008	Corn	180 Bu	175	75	100		77	50
HOME 4 (1113)	2009	Soybean	55 Bu	0	45	120		47	71
HOME 4 (1113)	2010	Corn	180 Bu	175	75	100		77	50
HOME 4 (1113)	2011	Soybean	55 Bu	0	45	120		47	71
Messman E (856)	2008	Soybean	55 Bu	0	0	0		47	71
Messman E (856)	2009	Wheat	80 Bu	70	0	0		48	24
Messman E (856)	2010	Corn	160 Bu	190	0	0		69	45
Messman E (856)	2011	Corn	160 Bu	190	0	0		69	45
Messman W (855)	2008	Soybean	55 Bu	0	45	70		47	71

Field	Crop Year	Planned Crop	Yield Goal (per Acre)	N Rec (Lbs/A)	P ₂ O ₅ Rec (Lbs/A)	K ₂ O Rec (Lbs/A)	N Removed (Lbs/A)	P ₂ O ₅ Removed (Lbs/A)	K ₂ O Removed (Lbs/A)
Messman W (855)	2009	Wheat	80 Bu	70	70	25		48	
Messman W (855)	2010	Corn	160 Bu	190	70	45		69	45
Messman W (855)	2011	Corn	160 Bu	190	70	45		69	45
Stanley S (1125)	2008	Wheat	80 Bu	70	85	55		48	24
Stanley S (1125)	2009	Corn	160 Bu	190	80	75		69	45
Stanley S (1125)	2010	Corn	160 Bu	190	80	75		69	45
Stanley S (1125)	2011	Soybean	55 Bu	0	60	100		47	71
Stanley N (1125)	2008	Corn	160 Bu	190	90	120		69	45
Stanley N (1125)	2009	Soybean	55 Bu	0	70	145		47	71
Stanley N (1125)	2010	Wheat	80 Bu	70	95	100		48	24
Stanley N (1125)	2011	Corn	160 Bu	190	90	120		69	45
HOME 3 (1113)	2008	Soybean	55 Bu	0	0	0		47	71
HOME 3 (1113)	2009	Corn	160 Bu	150	0	0		69	45
HOME 3 (1113)	2010	Soybean	55 Bu	0	0	0		47	71
HOME 3 (1113)	2011	Corn	160 Bu	150	0	0		69	45

* Unharvested cover crop or first crop in double-crop system.

Annual Field Nutrient Needs

Plan File: C:\Program Files\MMP 0.26\Madison Consulting Plans\Meier Farm.mmp
Operation: MEIER FARMS

Last Saved: 1/19/2009
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State: Illinois

Year	Field ID	Sub ID	Size Acres	Crop	Yield Goal /Acre	N Lb/Acre	P ₂ O ₅ Lb/Acre	K ₂ O Lb/Acre	N Lb/Field	P ₂ O ₅ Lb/Field	K ₂ O Lb/Field
2008	Aebley 1	843	15.6	Corn	160	190	90	145	2,964	1,404	2,262
2008	Aebley 2	843	45	Soybean	55	0	0	70	0	0	3,150
2008	CAPS 1	1123	18.9	Corn	160	190	0	45	3,591	0	850
2008	CAPS 2	1123	14.2	Corn	160	190	70	85	2,698	994	1,207
2008	CAPS 3	1123	15.4	Corn	160	190	70	120	2,926	1,078	1,848
2008	FRANK'S	1123	16.1	Corn	160	190	0	45	3,059	0	725
2008	HOME 1	1113	109.5	Corn	160	190	0	45	20,805	0	4,928
2008	HOME 2	1113	73	Soybean	55	0	0	0	0	0	0
2008	HOME 4	1113	19.4	Corn	180	175	75	100	3,395	1,455	1,940
2008	Messman E	856	34.3	Soybean	55	0	0	0	0	0	0
2008	Messman W	855	32	Soybean	55	0	45	70	0	1,440	2,240
2008	Stanley S	1125	16.7	Wheat	80	70	85	55	1,169	1,420	919
2008	Stanley N	1125	20.4	Corn	160	190	90	120	3,876	1,836	2,448
2008	HOME 3	1113	65	Soybean	55	0	0	0	0	0	0
Total			495.5						44,483	9,627	22,517
2009	Aebley 1	843	15.6	Soybean	55	0	65	170	0	1,014	2,652
2009	Aebley 2	843	45	Wheat	80	70	0	25	3,150	0	1,125
2009	CAPS 1	1123	18.9	Corn	160	190	0	45	3,591	0	850
2009	CAPS 2	1123	14.2	Corn	160	190	70	85	2,698	994	1,207
2009	CAPS 3	1123	15.4	Corn	160	190	70	120	2,926	1,078	1,848
2009	FRANK'S	1123	16.1	Soybean	55	0	0	75	0	0	1,208
2009	HOME 1	1113	109.5	Corn	160	190	0	45	20,805	0	4,928
2009	HOME 2	1113	73	Corn	160	150	0	0	10,950	0	0
2009	HOME 4	1113	19.4	Soybean	55	0	45	120	0	873	2,328
2009	Messman E	856	34.3	Wheat	80	70	0	0	2,401	0	0
2009	Messman W	855	32	Wheat	80	70	70	25	2,240	2,240	800
2009	Stanley S	1125	16.7	Corn	160	190	80	75	3,173	1,336	1,253
2009	Stanley N	1125	20.4	Soybean	55	0	70	145	0	1,428	2,958
2009	HOME 3	1113	65	Corn	160	150	0	0	9,750	0	0
Total			495.5						61,684	8,963	21,157
2010	Aebley 1	843	15.6	Wheat	80	70	90	120	1,092	1,404	1,872
2010	Aebley 2	843	45	Corn	160	190	0	45	8,550	0	2,025
2010	CAPS 1	1123	18.9	Soybean	55	0	0	70	0	0	1,323
2010	CAPS 2	1123	14.2	Soybean	55	0	45	115	0	639	1,633
2010	CAPS 3	1123	15.4	Soybean	55	0	45	150	0	693	2,310
2010	FRANK'S	1123	16.1	Wheat	80	70	0	25	1,127	0	403
2010	HOME 1	1113	109.5	Soybean	55	0	0	70	0	0	7,665
2010	HOME 2	1113	73	Corn	160	190	0	0	13,870	0	0
2010	HOME 4	1113	19.4	Corn	180	175	75	100	3,395	1,455	1,940
2010	Messman E	856	34.3	Corn	160	190	0	0	6,517	0	0
2010	Messman W	855	32	Corn	160	190	70	45	6,080	2,240	1,440

2010	Stanley S	1125	16.7	160	190	80	75	3,173	1,336	1,253
2010	Stanley N	1125	20.4	80	70	95	100	1,426	1,938	2,040
2010	HOME 3	1113	65	55	0	0	0	0	0	0
Total			495.5					45,232	9,705	23,904
2011	Aebley 1	843	15.6	160	190	90	145	2,964	1,404	2,262
2011	Aebley 2	843	45	160	190	0	45	8,550	0	2,025
2011	CAPS 1	1123	18.9	80	70	0	25	1,323	0	472
2011	CAPS 2	1123	14.2	80	90	70	65	1,278	984	923
2011	CAPS 3	1123	15.4	80	70	70	100	1,078	1,078	1,540
2011	FRANK'S	1123	16.1	160	190	0	45	3,059	0	725
2011	HOME 1	1113	109.5	80	70	0	25	7,665	0	2,738
2011	HOME 2	1113	73	55	0	0	0	0	0	0
2011	HOME 4	1113	19.4	55	0	45	120	0	873	2,328
2011	Messman E	858	34.3	160	190	0	0	6,517	0	0
2011	Messman W	855	32	160	190	70	45	6,080	2,240	1,440
2011	Stanley S	1125	16.7	55	0	60	100	0	1,002	1,670
2011	Stanley N	1125	20.4	160	190	90	120	3,676	1,836	2,448
2011	HOME 3	1113	65	160	150	0	0	9,750	0	0
Total			495.5					52,140	9,427	18,571

Notes

■ Indicates a custom fertilizer recommendation.