

IL Phosphorous Risk Assessment**Logeman Brothers Farm**

Field Name	Spread Acres	Connectivity to Surface Water	Runoff Potential	P1 Soil Test	P input Matrix
North End 3 Acres	4.6	High	High	High	Medium, Non Incorporated surface applications
Around Buildings	54.4	High	High	High	Medium, Non Incorporated surface applications
Pug Farm	90.2	High	High	Medium	Low, incorporate or inject >3" below the surface
Karen/Korte Farm	173.5	High	High	High	Low, incorporate or inject >3" below the surface
Quint Farm	149.1	High	High	High	Low, incorporate or inject >3" below the surface
Darrell Home Farm	117.8	High	High	Medium	Low, incorporate or inject >3" below the surface

**Logeman Brothers Farm
Supplemental Nutrients
Crop Year 2011**

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
North End 3 Acres	4.6	Grass	7	150	0	0	0	0
Around Buildings	54.4	Grass	7	150	0	0	0	0
Pug Farm	90.2	Corn	200	200	86	0	56	57
Karen/Korte Farm	173.5	Beans	65	0	0	0	85	0
Quint Farm	149.1	Beans	50	0	0	0	65	21
Darrell Home Farm	117.8	Corn	200	200	86	0	56	107

Crop Year 2012

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
North End 3 Acres	4.6	Grass	7	150	0	0	0	0
Around Buildings	54.4	Grass	7	150	0	0	0	0
Pug Farm	90.2	Beans	60	0	51	0	78	57
Karen/Korte Farm	173.5	Corn	200	200	0	0	56	0
Quint Farm	149.1	Corn	175	170	0	0	49	21
Darrell Home Farm	117.8	Beans	55	0	47	0	72	107

Crop Year 2013

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
North End 3 Acres	4.6	Grass	7	150	0	0	0	0
Around Buildings	54.4	Grass	7	150	0	0	0	0
Pug Farm	90.2	Corn	200	200	86	0	56	57
Karen/Korte Farm	173.5	Beans	65	0	0	0	85	0
Quint Farm	149.1	Beans	50	0	0	0	65	21
Darrell Home Farm	117.8	Corn	200	200	86	0	56	107

Crop Year 2014

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
North End 3 Acres	4.6	Grass	7	150	0	0	0	0
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Pug Farm	90.2	Beans	60	0	51	0	78	57
Karen/Korte Farm	173.5	Corn	200	200	0	0	56	0
Quint Farm	149.1	Corn	175	170	0	0	49	21
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* Buildup is based on buildup applications applied over a 4 year period. So, buildup = (9(Desired soil test - Actual soil test))/4

** Buildup is based on buildup applications applied over a 4 year period. So, buildup = (4(Desired soil test - Actual soil test))/4