NM3: Field Data and 590 Assessment Plan

Reported For	Minglewood, Inc
Printed	2023-01-24
Plan Completion/Update Date	2023-01-24
SnapPlus Version 20.4 built on 2021-06-03	
C:\Users\Haily Sand\OneDrive - URUS\Agsource Data Backup\Accounts\NMPs\22_CAFO_MinglewoodInc_4365\20_MinglewoodInc_Repermit.snapDb	

Prepared for:
Minglewood, Inc
attn:Kevin Solum/Krisitin Solum-Quist
74 105 st
Deer Park, 54007

WPDES Permitted Farm

Field Data: 3,076 Total Acres Reported.

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Amery				21.3	Polk	CHETEK ChD2	16	100	2.1 - 6	301 - 1000	No / No	No	No	Cg-Cg-Cg-Csl +cv-Csl +cv-Csl +cv	NT-NT-NT-NT/NTcvr-NT/NTcvr-FVT/NTcvr	2023-2028	**3**	**2.9**	**0.7**	**1**	8	-466	-
Amundsen				31.7	Polk	AMERY AlC	9	150	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-Csl+cv-Cg-Csl +cv-Csl +cv	NT/NTcvr-NT/NTcvr-NT-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**2.6**	**0.6**	**2**	59	-225	0
Barry Black				42.7	Polk	ANTIGO ScB	4	200	0 - 2	301 - 1000	No / No	No	No	Cgbs-Csl +cv-Cg-Cg-Cgbs-Cgbs	NT-NT/NTcvr-NT-NT-NT-NT	2023-2028	**3**	**1.4**	**0.8**	**1**	42	-302	-
Benny Boes		11830	3	6.7	Polk	SANTIAGO SaB	4	200	0 - 2	1001 - 5000	No / No	No	No	Cg-Sg30-Csl+cv-Cg-Sg30	NT-FVT-NT/NTcvr-SCD-NT	2023-2027	**4**	**2.3**	**0.5**	**2**	41	-229	-
Betty				42	Polk	SANTIAGO SaB	4	200	0 - 2	301 - 1000	No / No	No	No	Sg30-As-A-A-Ag-GH	NT-NT-None-None-None-None	2023-2028	**4**	**0.1**	**1.3**	**0**	104	-173	-98

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Big Marv				65.7	Polk	AMERY AoC	9	150	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**3**	**0.3**	**3**	80	-301	0
Bill Linda				62.6	Polk	SANTIA GO SaB	4	200	0 - 2	1001 - 5000	No / No	No	No	As-A-A-A-Ag-GH-Cg	SFC-None-None-None-None-None-NT	2023-2029	**4**	**0.2**	**1.3**	**0**	25	-271	-
Bill				29.3	Polk	AMERY AlB	4	200	2.1 - 6	1001 - 5000	No / No	No	No	Sg30-Cg-Sg30-Cg-Sg30	NT-SCD-NT-SCD-NT	2023-2027	**3**	**1.3**	**0.7**	**1**	16	-180	-
Bins				27.7	Polk	AMERY AlC	9	150	0 - 2	301 - 1000	No / No	No	No	Csl+cv-Csl+cv-Csl+cv-As-A-A-Ag-GH	FVT/NTcvr-FVT/NTcvr-FVT/NTcvr-SFC-None-None-None-None	2023-2030	**3**	**1.2**	**0.7**	**1**	61	-347	0
Boes				69.4	Polk	SANTIA GO ScB	4	200	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-Csl+cv-Cg-Sg30	FVT/NTcvr-FVT/NTcvr-SCD-NT	2023-2026	**4**	**3.4**	**0.3**	**3**	97	-145	0
Burger				116.4	Polk	ANTIGO AtB	4	200	2.1 - 6	301 - 1000	No / No	No	No	Sg30-Cg-Sg30-Cg-Sg30-Cg-Sg30	NT-NT-NT-NT-NT-NT-NT	2023-2029	**3**	**0.5**	**0.8**	**0**	26	-169	-
Charlie				39.1	Polk	AMERY AnC	9	150	0 - 2	1001 - 5000	No / No	No	No	Sg30-Cg-Csl+cv-Sg30-As-A-Ag	NT-NT-FVT/NTcvr-NT-SFC-None-None	2023-2029	**3**	**3**	**0.5**	**2**	18	-311	-
Christianson				33.3	Polk	CROMWELL CrB	4	200	2.1 - 6	301 - 1000	No / No	No	No	Cg-GH-GH-GH-GH	NT-None-None-None-None	2023-2027	**2**	**0**	**1.5**	**0**	120	-279	-145

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Danny				31.9	Polk	SANTIAGO SaB	4	200	2.1 - 6	301 - 1000	No / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-As	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-SFC	2023-2027	**4**	**2**	**0.5**	**3**	141	-267	-200
Deer Park				87	St. Croix	ANTIGO ScC2	9	150	0 - 2	301 - 1000	On contour / No	No	No	Cg-Sg30-As-A-A-Ag-GH	NT-NT-SFC-None-None-None-None	2023-2029	**3**	**0.9**	**0.8**	**1**	17	-302	-
Dennis Henke				127.2	St. Croix	AMERY AlC2	9	150	0 - 2	5001 - 10000	On contour / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**2.2**	**0.5**	**1**	57	-286	0
Detar				22.3	Polk	AMERY AlC	9	150	0 - 2	301 - 1000	On contour / Edge	No	No	Csl+cv-Cg-Sg30-As-A	FVT/NTcvr-SCD-NT-SFC-None	2023-2027	**3**	**2.6**	**0.6**	**1**	166	-293	-160
Ditlefson-Church				50.1	Polk	AMERY AlD	16	100	More than 12	0 - 300	On contour / No	No	No	Asls-A-Ag-GH-Cg-Csl+cv-Sg30	Fcult-None-None-None-NT-FVT/NTcvr-NT	2023-2029	**3**	**1.7**	**0.8**	**1**	10	-235	-
Dorsey				107	St. Croix	ANTIGO AoB	4	200	2.1 - 6	301 - 1000	On contour / No	No	No	Sg30-Csl+cv-Cg-Sg30	NT-FVT/NTcvr-SCD-NT	2023-2026	**3**	**1.8**	**0.6**	**2**	19	-157	-
Duke E				34.9	Polk	AMERY AlC	9	150	0 - 2	301 - 1000	No / No	Yes	No	Cg-As-A-A-Ag-GH-Csl+cv-Csl+cv	NT-SFC-None-None-None-None-FVT/NTcvr-FVT/NTcvr	2023-2030	**3**	**2.1**	**0.6**	**2**	64	-316	0
Duke S				14.6	Polk	AMERY AlC	9	150	2.1 - 6	301 - 1000	On contour / No	No	No	Cg-Csl+cv-Csl+cv-Csl+cv	NT-NT/NTcvr-FVT/NTcvr-FVT/NTcvr	2023-2026	**3**	**3**	**0.4**	**2**	87	-135	0

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Duke W				26.5	Polk	ANTIGO ScB	4	200	0 - 2	301 - 1000	No / No	No	No	Cg-As-A-A-Ag-GH-Csl+cv-Csl+cv	NT-SFC-None-None-None-None-FVT/NTcvr-FVT/NTcvr	2023-2030	**3**	**1.5**	**0.7**	**2**	82	-315	0
Fansler				29.4	Polk	AMERY AlC	9	150	0 - 2	1001 - 5000	No / No	No	No	Ag-GH-Cg-Csl+cv-Sg30-As-A-A	None-None-NT-FVT/NTcvr-NT-SFC-None-None	2023-2030	**3**	**1.4**	**0.7**	**1**	14	-405	-
Fouks				43.8	St. Croix	AMERY AlC2	9	150	0 - 2	301 - 1000	No / No	No	No	Sg30-As-A-A-Ag-GH-Cg	NT-SFC-None-None-None-None-NT	2023-2029	**3**	**1**	**0.8**	**1**	38	-326	-
Gary				28.2	Polk	SANTIAGO ScB	4	200	0 - 2	301 - 1000	No / No	No	No	Sg30-Cg-Sg30-Cg-Sg30-Cg	NT-NT-NT-NT-NT-NT	2023-2028	**4**	**0.4**	**0.8**	**0**	23	-149	-
Gehrman		906	1	57.8	Polk	SANTIAGO ScB	4	200	0 - 2	1001 - 5000	No / No	No	No	A-A-Ag-GH-Csl+cv-Csl+cv	None-None-None-None-NT/NTcvr-NT/NTcvr	2023-2028	**4**	**0.2**	**0.9**	**0**	58	-403	0
Goodrich				101.7	St. Croix	AMERY AmB	4	200	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**1.7**	**0.5**	**1**	38	-400	-
Hagen				47.8	Polk	AMERY AlC	9	150	0 - 2	301 - 1000	No / No	No	No	Sg30-As-A-A-Ag-GH	SFC-SFC-None-None-None-None	2023-2028	**3**	**1.2**	**0.7**	**1**	38	-268	-

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Hansen				46.7	Polk	SANTIAGO SaC	9	150	0 - 2	1001 - 5000	No / No	No	No	Cg-Csl +cv-Cg-Csl+cv-Csl+cv	NT-NT/NTcvr-NT-NT/NTcvr-NT/NTcvr	2023-2027	**4**	**1.7**	**0.8**	**2**	117	-282	-188
Hoff				68.1	Polk	AMERY AoC	9	150	0 - 2	301 - 1000	No / No	No	No	Cg-As-A-A-Ag-GH-Cg	NT-SFC-None-None-None-None-NT	2023-2029	**3**	**0.8**	**0.9**	**1**	89	-296	0
Hogland				13	St. Croix	ROSHOLT OmC2	11	150	2.1 - 6	301 - 1000	On contour / No	No	No	Sg30-Csl +cv-Csl +cv-Cg-Sg30-Csl +cv	NT-NT/NTcvr-FVT/NTcvr-FVT-NT-FVT/NTcvr	2023-2028	**3**	**2.9**	**0.3**	**2**	6	-373	-
House				82.3	Polk	SANTIAGO SaC	9	150	0 - 2	1001 - 5000	On contour / No	No	No	Cg-Csl +cv-Sg30-As-A	NT-FVT/NTcvr-NT-SFC-None	2023-2027	**4**	**2.4**	**0.5**	**2**	74	-209	0
Jim Thompson				39.7	St. Croix	AMERY AmC2	9	150	0 - 2	1001 - 5000	On contour / No	No	No	Csl+cv-Csl+cv-Cg-Sg30-A	NT/NTcvr-NT/NTcvr-NT-NT-None	2023-2027	**3**	**1.3**	**0.7**	**1**	28	-216	-
John E				51.5	Polk	AMERY AoC	9	150	2.1 - 6	1001 - 5000	On contour / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-FVT/NTcvr	2023-2026	**3**	**2.7**	**0.3**	**1**	11	-326	-
John W				76.8	Polk	ROSHOLT RpC	9	150	0 - 2	1001 - 5000	On contour / No	No	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**2**	**0.5**	**1**	21	-357	-
Jorgenson		913	1,2,3,4	62.4	Polk	SANTIAGO ScB	4	200	0 - 2	1001 - 5000	No / No	No	No	A-A-Ag-GH-Csl +cv-Csl +cv-Csl +cv	None-None-None-None-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2029	**4**	**0.3**	**0.8**	**0**	63	-487	0

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Junior				48.8	Polk	SANTIAGO SaB	4	200	0 - 2	301 - 1000	No / No	No	No	GH-Cg-Csl+cv-Sg30-As-A-A	None-NT-FVT/NTcvr-NT-SFC-None-None	2023-2029	**4**	**1.2**	**0.7**	**1**	29	-311	-
Kermit E		913	1	73.2	St. Croix	SANTIAGO SaC2	9	150	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-Sg30-As-A-A-Ag-GH	NT/NTcvr-NT-SFC-None-None-None-None	2023-2029	**5**	**1.7**	**0.7**	**1**	14	-283	-
Kermit S				30	St. Croix	ONAMIA CoC2	9	150	0 - 2	1001 - 5000	No / No	No	No	Csl+cv-As-A-A-Ag-GH-Csl+cv	NT/NTcvr-SFC-None-None-None-None-FVT/NTcvr	2023-2029	**3**	**2.3**	**0.6**	**1**	46	-448	-
Kermit W		913		22.8	St. Croix	ONAMIA CoC2	9	150	0 - 2	1001 - 5000	On contour / No	No	No	Csl+cv-As-A-A-Ag-GH	NT/NTcvr-SFC-None-None-None-None	2023-2028	**3**	**1.1**	**0.8**	**1**	18	-288	-
Kimble				47.2	Polk	SANTIAGO SaB	4	200	2.1 - 6	301 - 1000	No / No	No	No	Cg-As-A-A-Ag-GH-Cg	NT-SFC-None-None-None-None-NT	2023-2029	**4**	**0.7**	**0.9**	**1**	54	-281	0
Kobs				26.6	Polk	AMERY AnB	4	200	0 - 2	5001 - 10000	No / No	No	No	Cg-As-A-A-Ag-GH-Sg30-A	NT-SFC-None-None-None-None-NT-None	2023-2030	**3**	**0.5**	**0.9**	**0**	17	-379	-
Little Marv		1510	1	11	Polk	AMERY AlC	9	150	0 - 2	1001 - 5000	No / No	No	No	Cg-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**2.1**	**0.6**	**2**	107	-247	-188

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Lutz				45.7	Polk	SANTIAGO SaB	4	200	2.1 - 6	301 - 1000	No / No	No	No	Csl+cv-As-A-A-Ag-GH-Cg	NT/NTcvr-SFC-None-None-None-None-NT	2023-2029	**4**	**0.6**	**0.9**	**2**	174	-244	-128
Measner				227.6	St. Croix	ONAMIA CoC2	9	150	0 - 2	1001 - 5000	On contour / No	Yes	No	Csl+cv-Csl+cv-Csl+cv-Csl+cv-Csl+cv	NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr-NT/NTcvr	2023-2027	**3**	**2.1**	**0.5**	**2**	51	-292	0
Mildred Jerdee				57.1	Polk	AMERY AlC	9	150	0 - 2	301 - 1000	On contour / No	No	No	GH-Csl+cv-Csl+cv-Csl+cv-As-A-A-Ag	None-FVT/NTcvr-FVT/NTcvr-FVT/NTcvr-SFC-None-None-None	2023-2030	**3**	**1.9**	**0.5**	**1**	15	-453	-
Moore				105	St. Croix	FREEON FnB	4	200	2.1 - 6	1001 - 5000	No / No	No	No	GH-Cg-Sg30-As-A-A-Ag-GH	None-SCD-NT-SFC-None-None-None-None	2023-2030	**4**	**0.9**	**0.8**	**1**	25	-298	-
Ness				15.3	Polk	AMERY AlC	9	150	2.1 - 6	1001 - 5000	No / No	No	No	Cg-As-A-A-Ag-GH-Ag	NT-SFC-None-None-None-None-None	2023-2029	**3**	**0.5**	**0.9**	**0**	9	-359	-
New Deer Park				103	St. Croix	ONAMIA CoC2	9	150	0 - 2	301 - 1000	No / No	No	No	Cg-Sg30-As-A-A-Ag-GH	NT-NT-SFC-None-None-None-None	2023-2029	**3**	**1**	**0.8**	**1**	31	-288	-

Field Name	SubFarm	FSA Trct	FSA Fld	Acres	County	Critical Soil Series & Symbol	F. Slp %	F.Slp Len ft	Below Field Slope To Water %	Dist.To Water ft	Contour/ Filters	Irrig	Tiled	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	SCI	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Peaches		1266		8.2	St. Croix	SANTIAGO SaB	4	200	0 - 2	1001 - 5000	On contour / No	No	No	Cg-Cg-Sg30-Csl+cv-Cg	NT-SCD-NT-FVT/NTcvr-SCD	2023-2027	**5**	**1.5**	**0.6**	**1**	46	-272	-
Pickard				41.3	Polk	AMERY AoC	9	150	0 - 2	1001 - 5000	On contour / No	No	No	Csl+cv-Csl+cv-Cg-Sg30-A-A	SVT/NTcvr-SVT/NTcvr-SVT-NT-None-None	2023-2028	**3**	**1.7**	**0.5**	**2**	100	-340	0
Pit				46.7	Polk	CHETEK ChD2	16	100	0 - 2	301 - 1000	No / No	No	No	GH-Cg-Csl+cv-Sg30-As-A	None-NT-FVT/NTcvr-NT-SFC-None	2023-2028	**3**	**2.9**	**0.6**	**2**	18	-211	-
Ritchie				31.9	Polk	AMERY AlD	16	100	2.1 - 6	301 - 1000	On contour / No	No	No	Cg-Cg-Csl+cv-Csl+cv-Cg	NT-NT-NT/NTcvr-NT/NTcvr-NT	2023-2027	**3**	**1.5**	**0.9**	**1**	13	-262	-
Ruds E				103.2	Polk	ANTIGO AtB	4	200	0 - 2	5001 - 10000	No / No	No	No	Cg-Cg-Sg30-Csl+cv-Cg-Sg30	NT-SCD-NT-FVT/NTcvr-SCD-NT	2023-2028	**3**	**2.1**	**0.7**	**1**	17	-264	-
Ruds M				118.1	Polk	ANTIGO AtB	4	200	0 - 2	1001 - 5000	No / No	No	No	Cg-As-A-Ag-GH-Cg	NT-SFC-None-None-None-NT	2023-2028	**3**	**0.3**	**1.1**	**0**	51	-267	0
Ruds W				19.5	Polk	SANTIAGO SaB	4	200	0 - 2	1001 - 5000	No / No	No	No	As-A-Ag-GH-Cg-Csl+cv	SFC-None-None-None-NT-FVT/NTcvr	2023-2028	**4**	**0.9**	**0.8**	**1**	14	-251	-
Storrdahl				40.5	Polk	AMERY AlD	16	100	0 - 2	1001 - 5000	No / No	No	No	Sg30-As-A-A-Ag-GH-Csl+cv	NT-SFC-None-None-None-None-NT/NTcvr	2023-2029	**3**	**2**	**0.7**	**1**	8	-362	-
Warren Henke				15	Polk	AMERY AnC	9	150	0 - 2	301 - 1000	On contour / No	No	No	Cg-Cg-Csl+cv-Sg30-As-A	NT-NT-FVT/NTcvr-NT-SFC-None	2023-2028	**3**	**2.1**	**0.6**	**1**	18	-229	-

Crop Abbreviations

Abbreviation	Crop
A	Alfalfa
Ag	Alfalfa (grassy, yr 3+)
As	Alfalfa Seeding Spring
Asls	Alfalfa Seeding Fall
Cg	Corn grain
Cgbs	Corn grain, baled stalks
Csl+cv	Corn silage to small grain cover crop
GH	Grass hay
Sg30	Soybeans 30-36 inch row

Tillage Abbreviations

Abbreviation	Tillage
Fcult	Field Cultivation
FVT	Fall vertical tillage
FVT/NTcvr	Fall vertical tillage, cover crop no till
None	None
NT	No Till
NT/NTcvr	No Till, cover crop no till
SCD	Spring Chisel, disked
SFC	Spring Cultivation
SVT	Spring vertical tillage
SVT/NTcvr	Spring vertical tillage, cover crop no till