

NM1: Narrative and Crops Report

Starting Year	2022
Reported For	Cumberland LLC
Printed	2022-12-30
Plan Completion/Update Date:	2019-05-29
SnapPlus Version 20.4 built on 2021-06-03	
C:\NMPS\CAFO_Cumberland_LLC\Lucky-Oats.snapDb	

Prepared for:
 Cumberland LLC
 attn:Jeff Sauer
 N13126 BRUCE MOUND AVE
 Thorp, 54771

Farm has 56 fields totalling 1892 cropped acres.

Farm Narrative: 50% anticipated manure crop year 2024. The buildings have not been constructed, once they are finished hogs will start arriving. The Cumberland LLC project consists of 2 barns- GDU barn and farrowing barn. Manure pits will be under roof-under the facility. Erik Melin will be receiving all the manure produced. Fields owned by Erik and his dad have been no-till for 20+ years, all the fields they currently rent have also been no till as long as they have rented them.

Mortality waste will be incinerated. Values for mortality waste were estimated using number from the University of Georgia for incinerated wood ash. Other manure values are default values; manure samples will be pulled on all sources when animals arrive at the facility.

Soil samples were taken on 2.5 ac grids.

Cover crops are used on when time allows.

Some cover crops will be harvested in the spring as a forage source.

Manure is planned to be custom applied with a low disturbance injector in the spring and fall. Some manure will be surface applied on hay ground.

Annual Farm Notes:

Crop Year	Annual Notes
2023	

Spreader Calibration Methods: Custom applications, Amount applied / Acres

Narrative and Crops:

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Arnie Borchert North	5.4	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Sunflower No Till 1201-2500 lb/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain, baled stalks, to small grain cover crop No Till, cover crop no till 171-190/3.1-4 bu/acre/ton/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
BDC	41.7	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain, baled stalks, to small grain cover crop No Till, cover crop no till 171-190/3.1-4 bu/acre/ton/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre
Berglund Home	9.8	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Bill Tietz	6.2	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Sunflower No Till 1201-2500 lb/acre	Grass hay Seeding No Till 2-3 ton/acre	Grass hay None 3.1-4 ton/acre	Grass hay None 3.1-4 ton/acre
C Johnson Middle	57.7	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Casanova	33	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (grain +straw) No Till 31-50 bu/acre	Soybeans grain + straw to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain, baled stalks, to small grain cover crop No Till, cover crop no till 171-190/3.1-4 bu/acre/ton/acre	Soybeans grain + straw to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Chouinard Big	43	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (grain +straw) No Till 31-50 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Chouinard Small	9.1	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (grain +straw) No Till 31-50 bu/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Chouinard West	32.2	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 31-50 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Craig Selander E	33.1	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre
Dahlies	34.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre
Dennis Quimby	20.6	Corn grain to small grain cover crop No Till, cover crop disked 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 15-30 bu/acre	Sunflower No Till 2501-4000 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
DNR Back	6.7	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 31-50 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Grass hay Seeding No Till 3.1-4 ton/acre
DNR Front	28.4	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 31-50 bu/acre	Sunflower No Till 1201-2500 lb/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Grass hay Seeding No Till 3.1-4 ton/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Gary Bohn	7.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Glockzine	36.3	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Herbert East	12.4	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn silage, 30 inch row No Till 2.0-3.5/20.1-25 ton/acre/ton/acre	Winter Rye (forage) to Corn silage, 30 inch row No Till 2.0-3.5/20.1-25 ton/acre/ton/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Home 40	28.4	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn silage to annual cover crop No Till, cover crop no till 20.1-25 ton/acre
Home S	29.3	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn silage to annual cover crop No Till, cover crop no till 20.1-25 ton/acre
Huesset	42.6	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 51-70 bu/acre
JD Glover	19.2	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Jerry Johnson E	26.1	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Jerry Johnson W	29.8	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
JPM 20 W	23.1	Sorghum-sudan forage to small grain cover crop No Till, cover crop disked 5-7 ton/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain No Till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
JPM Bob Johnson S	101.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
JPM Chet Elrose	165.9	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
JPM Elrose E	31.5	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Grass hay Seeding No Till 3.1-4 ton/acre
JPM Elrose W	22.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
JPM Herberts	25	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain, baled stalks, to small grain cover crop No Till, cover crop no till 171-190/2.1-3 bu/acre/ton/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
JPM Magnusse n	50.9	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Grass hay Seeding No Till 2-3 ton/acre	Grass hay None 3.1-4 ton/acre
JPM North 20	20.3	Sunflower No Till 1201-2500 lb/acre	Corn grain No Till 171-190 bu/acre	Winter wheat (grain +straw) to annual cover crop No Till, cover crop no till 61-80 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn silage, 30 inch row No Till 2.0-3.5/20.1-25 ton/acre/ton/acre	Corn grain No Till 171-190 bu/acre
JPM Sherriffs	20.3	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
JPM Swan Lake	61.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
JPM T Farm	68.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre
JPM Wood River N	65.7	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
K Wood	52.6	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Kaslow Arleth 5	27.3	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Kaslow North of Road	31.3	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Kaslow S of Road	48.2	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Sunflower No Till 2501-4000 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Larry Anderson 87	14.6	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Lindgren Y 48	12.1	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Sunflower No Till 1201-2500 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Loomis N	12.1	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Grass hay Seeding No Till 2-3 ton/acre	Grass hay None 3.1-4 ton/acre	Grass hay None 3.1-4 ton/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Loomis Peterson Rd	2.2	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Grass hay Seeding No Till 2-3 ton/acre	Grass hay None 3.1-4 ton/acre	Grass hay None 3.1-4 ton/acre
Loomis S	6	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain No Till 171-190 bu/acre	Sunflower No Till 1201-2500 lb/acre	Grass hay Seeding No Till 3.1-4 ton/acre	Grass hay None 3.1-4 ton/acre	Grass hay None 3.1-4 ton/acre
Louise Line	8.7	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Winter Rye (forage) to Corn silage, 30 inch row No Till 2.0-3.5/20.1-25 ton/acre/ton/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Lundberg	111.4	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Matt Olson	21.4	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Medchill N	84	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 31-50 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain, baled stalks, to small grain cover crop No Till, cover crop no till 171-190/3.1-4 bu/acre/ton/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Ned Erickson	41.4	Sunflower No Till 1201-2500 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (grain +straw) to annual cover crop No Till, cover crop no till 51-70 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre

Field Name	Field Acres	2022	2023	2024	2025	2026	2027
Northstar	27.7	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Sunflower No Till 1201-2500 lb/acre	Soybeans 7-10 inch row No Till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Rivera	25.8	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre
Spook N	14.1	Grass hay None 4.1-5 ton/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Sunflower No Till 1201-2500 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Spook S	15	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Tom Hinrichs	39.8	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Sunflower No Till 1201-2500 lb/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain No Till 171-190 bu/acre
Urban Olson Big	28.6	Soybeans to small grain cover crop No Till, cover crop no till 36-45 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Winter Rye (forage) to Corn grain No Till 2.0-3.5/171-190 ton/acre/bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre
Waller House	18.6	Corn grain No Till 171-190 bu/acre	Soybeans to small grain cover crop No Till, cover crop no till 46-55 bu/acre	Corn grain No Till 171-190 bu/acre	Corn grain to small grain cover crop No Till, cover crop no till 171-190 bu/acre	Corn grain No Till 171-190 bu/acre	Sunflower No Till 1201-2500 lb/acre

Summary by Crop:

NOTE: Yields calculated using the midpoint of the SnapPlus yield goal range for each crop.

Crops Grouped By Category		2022	2023	2024	2025	2026	2027
Corn grain to small grain cover crop	Acres bu	892 161,006	884 159,562	475 85,738	1054 190,247	851 153,606	959 173,100
Corn grain, baled stalks, to small grain cover crop	Acres bu/ton			42 7,581/149	25 4,513/64	117 21,119/415	5 903/18
Soybeans to small grain cover crop	Acres bu	847 34,304	736 37,168	868 43,834	259 13,080	281 14,191	385 19,443
Sunflower	Acres lb	62 114,731	46 85,123	54 99,927	60 195,030	48 156,024	19 35,160
Soybeans 7-10 inch row	Acres bu		200 10,100		44 2,222	136 6,868	42 2,121
Winter Rye (forage) to Corn grain	Acres ton/bu				66 182/11,913	248 682/44,764	136 374/24,548
Grass hay	Acres ton	14 64				27 96	77 273
Grass hay Seeding	Acres ton				27 68	51 128	67 238
Corn grain	Acres bu	19 3,430	26 4,693	264 47,652	269 48,555	51 9,206	60 10,830
Soybeans grain + straw to small grain cover crop	Acres bu				33 1,667		33 1,667
Winter Rye (grain +straw)	Acres bu			33 1,337	43 1,742		9 365
Winter Rye (grain +straw) to annual cover crop	Acres bu	35 1,418		137 5,549		41 2,481	43 2,602

Crops Grouped By Category		2022	2023	2024	2025	2026	2027
Winter Rye (forage) to Corn silage, 30 inch row	Acres ton/ton				12 33/271	41 113/925	
Corn silage to annual cover crop	Acres ton						58 1,308
Sorghum-sudan forage to small grain cover crop	Acres ton	23 138					
Winter wheat (grain +straw) to annual cover crop	Acres bu			20 1,410			