

NM5: Spreading and Nutrient Management Sorted By Crop Report

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|--|-----------------------|
| Crop Year | 2024 |
| Reported For | Cumberland LLC |
| Printed | 2023-01-09 |
| 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

| Corn on Corn Fields | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|---------------------|-----------|--------------------------------|--------------------------------------|--------------------------------------|------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Glockzine | 36.3 | 152A WP | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 39 | 125 | 100 | 46 | 166 | 71 | 118 | 41 | -29 | 72 | Farrow 14-6-10 | 12000 gal Spring Subsurface | 168-72-120 | 35.8 Spreadable | 429600 gal |

36.3 planned Corn on Corn acres 429,600 planned gal Farrow

| First Year Corn Grain Fields | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|---|---------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|---|------|--------------|-------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| BDC | 41.7 | 3448 B P | Soybeans to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/3.1-4 | 85 | 160 | NT/NTc vr | 130 | 144 | 130 | 0 | 82 | 136 | 0 | 92 | 6 | 0 | 10 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Summer Unincorp | 21-0-0 | 41.7 Entire field | 4170 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 41.7 Entire field | 6255 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|---|---------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|-------------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| BDC | 41.7 | 3448 B P | Soybeans to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/3.1-4 | 85 | 160 | NT/NTc vr | 130 | 144 | 130 | 0 | 82 | 136 | 0 | 92 | 6 | 0 | 10 | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 41.7 Entire field | 10425 lb |
| Berglund Home | 9.8 | 82B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 71 | 123 | 100 | 0 | 0 | 113 | 0 | 0 | 13 | 0 | 0 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 9.8 Entire field | 980 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 9.8 Entire field | 1960 lb |
| C Johnson Middle | 57.7 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 13 | 54 | 100 | 100 | 61 | 153 | 76 | 120 | 53 | -24 | 59 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 57.3 Spreadable | 315150 gal |
| Chouinard Big | 43 | 3448 B P | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 69 | 82 | 130 | 0 | 37 | 154 | 77 | 121 | 24 | 77 | 85 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 43 Spreadable | 236500 gal |
| Chouinard Small | 9.1 | 3448 B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 74 | 58 | 130 | 0 | 80 | 136 | 0 | 61 | 6 | 0 | -19 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 9.1 Entire field | 910 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 9.1 Entire field | 910 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 9.1 Entire field | 2275 lb |
| DNR Back | 6.7 | 3626 A | Soybeans 7-10 inch row | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 66 | 119 | 130 | 0 | 3 | 136 | 0 | 0 | 6 | 0 | -3 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 6.7 Entire field | 670 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Spring Unincorp | 115-0-0 | 6.7 Entire field | 1675 lb |
| Herbert East | 12.4 | 3448 B P | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 27 | 89 | 130 | 64 | 6 | 154 | 77 | 121 | 24 | 13 | 115 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 12.4 Spreadable | 68200 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Home 40 | 28.4 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 17 | 74 | 100 | 100 | 61 | 134 | 57 | 96 | 34 | -43 | 35 | Farrow 14-6-10 | 10000 gal Spring Subsurface | 140-60-100 | 27.2 Spreadable | 272000 gal |
| Home S | 29.3 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 40 | 82 | 100 | 0 | 61 | 149 | 64 | 106 | 49 | 64 | 45 | Farrow 14-6-10 | 11000 gal Spring Subsurface | 154-66-110 | 28.3 Spreadable | 311300 gal |
| Huesset | 42.6 | 189A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 43 | 100 | 100 | 61 | 144 | 72 | 113 | 44 | -28 | 52 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 39.7 Spreadable | 218350 gal |
| JD Glover | 19.2 | 3448 B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 53 | 100 | 130 | 0 | 0 | 154 | 77 | 121 | 24 | 77 | 121 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 19.2 Spreadable | 105600 gal |
| Jerry Johnson E | 26.1 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 16 | 80 | 100 | 64 | 16 | 150 | 75 | 118 | 50 | 11 | 102 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 25.5 Spreadable | 140250 gal |
| Jerry Johnson W | 29.8 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 89 | 100 | 64 | 16 | 151 | 75 | 119 | 51 | 11 | 103 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 29.2 Spreadable | 160600 gal |
| JPM 20 W | 23.1 | 82B P | Soybeans 7-10 inch row | Corn grain | 171-190 | 70 | 50 | NT | 66 | 110 | 100 | 0 | 0 | 154 | 77 | 121 | 54 | 77 | 121 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 23.1 Spreadable | 127050 gal |
| JPM Elrose E | 31.5 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 41 | 68 | 100 | 0 | 61 | 147 | 73 | 115 | 47 | 73 | 54 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 30 Spreadable | 165000 gal |
| JPM Herberts | 25 | 3448 B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 63 | 141 | 130 | 0 | 0 | 154 | 77 | 121 | 24 | 77 | 121 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 25 Spreadable | 137500 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|-----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM Sherriffs | 20.3 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 50 | 100 | 100 | 61 | 154 | 77 | 121 | 54 | -23 | 60 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 20.3 Spreadable | 111650 gal |
| JPM Wood River N | 65.7 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 65 | 100 | 100 | 61 | 154 | 77 | 121 | 54 | -23 | 60 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 65.7 Spreadable | 361350 gal |
| Larry Anderson 87 | 14.6 | 3626 A W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 40 | 104 | 130 | 35 | 0 | 129 | 64 | 101 | -1 | 29 | 101 | swine 28-14-22 | 4600 gal Spring Subsurface | 129-64-101 | 14.6 Spreadable | 67160 gal |
| Lindgren Y 48 | 12.1 | 553B | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 27 | 72 | 125 | 35 | 72 | 106 | 46 | 76 | -19 | 11 | 4 | Farrow 14-6-10 | 8000 gal Fall Subsurface | 112-48-80 | 11.5 Spreadable | 92000 gal |
| Lundberg | 111.4 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 58 | 100 | 70 | 61 | 152 | 76 | 119 | 52 | 6 | 58 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 109.8 Spreadable | 603900 gal |
| Rivera | 25.8 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 24 | 66 | 100 | 30 | 61 | 150 | 75 | 118 | 50 | 45 | 57 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 25.2 Spreadable | 138600 gal |
| Tom Hinrichs | 39.8 | 152A W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 16 | 53 | 100 | 70 | 61 | 145 | 73 | 114 | 45 | 3 | 53 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 37.5 Spreadable | 206250 gal |
| Waller House | 18.6 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 15 | 75 | 100 | 100 | 80 | 153 | 77 | 120 | 53 | -23 | 40 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 18.5 Spreadable | 101750 gal |

743.7 planned First Year Corn Grain acres 6,730 planned lb Ammonium sulfate (AMS)

675,300 planned gal Farrow

7,165 planned lb Potassium chloride

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3,264,860 planned gal swine

16,335 planned lb Urea

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|---|------|-------------------------------------|---|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Arnie Borchert North | 5.4 | 3626A | Sunflower | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 78 | 89 | 0 | 0 | 44 | 0 | 0 | 61 | 0 | 0 | 17 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 5.4 Entire field | 540 lb |
| Craig Selander E | 33.1 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 27 | 85 | 0 | 3 | 21 | 0 | 0 | 0 | 0 | -3 | -21 | | | | 33.1 | |
| Dahlies | 34.4 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 18 | 61 | 0 | 33 | 66 | 0 | 0 | 92 | 0 | -33 | 26 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 34.4 Entire field | 5160 lb |
| DNR Front | 28.4 | 3626A WP | Sunflower | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 75 | 126 | 0 | 0 | 35 | 0 | 0 | 61 | 0 | 0 | 26 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 28.4 Entire field | 2840 lb |
| Gary Bohn | 7.4 | 553C | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 25 | 71 | 0 | 3 | 21 | 0 | 0 | 0 | 0 | -3 | -21 | | | | 7.4 | |
| JPM Bob Johnson S | 101.4 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 77 | 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 101.4 | |
| JPM Chet Elrose | 165.9 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 20 | 54 | 0 | 33 | 66 | 0 | 0 | 92 | 0 | -33 | 26 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 165.9 Entire field | 24885 lb |
| JPM Elrose W | 22.4 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 18 | 48 | 0 | 33 | 66 | 0 | 0 | 92 | 0 | -33 | 26 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 22.4 Entire field | 3360 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|----------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|-----|--|------|-----|-------------------------------------|------|-----|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| JPM Magnusse n | 50.9 | 553B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 17 | 84 | 0 | 33 | 21 | 0 | 0 | 0 | 0 | -33 | -21 | | | | 50.9 | |
| JPM Swan Lake | 61.4 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 21 | 79 | 0 | 10 | 21 | 0 | 0 | 0 | 0 | -10 | -21 | | | | 61.4 | |
| JPM T Farm | 68.4 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 45 | 67 | 0 | 0 | 115 | 0 | 0 | 122 | 0 | 0 | 7 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 68.4 Entire field | 13680 lb |
| K Wood | 52.6 | 86A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 17 | 71 | 0 | 33 | 21 | 0 | 0 | 0 | 0 | -33 | -21 | | | | 52.6 | |
| Kaslow Arleth 5 | 27.3 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 15 | 61 | 0 | 70 | 66 | 18 | 46 | 61 | 18 | -24 | -5 | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 27.3 Entire field | 2730 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 27.3 Entire field | 2730 lb |
| Kaslow North of Road | 31.3 | 189A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 14 | 81 | 0 | 70 | 21 | 18 | 46 | 0 | 18 | -24 | -21 | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 31.3 Entire field | 3130 lb |
| Kaslow S of Road | 48.2 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 18 | 73 | 0 | 33 | 21 | 0 | 0 | 0 | 0 | -33 | -21 | | | | 48.2 | |
| Loomis N | 12.1 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 36-45 | 30 | 55 | NT/NT cvr | 21 | 77 | 0 | 0 | 36 | 20 | 23 | 92 | 20 | 23 | 56 | Ammonium sulfate (AMS) 21-0-0 | 50 lb Spring Unincorp | 11-0-0 | 12.1 Entire field | 605 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | | | | | | | | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|---------------------------|------------------------|--------|-------------------|---------|--|--|--|--|--|------------------------------------|-----------------------|--------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K2O | Tillage | Avg P | Avg K | N | P205 | K2O | N | P205 | K2O | N | P205 | K2O | Product Name and Analysis | Rate and Method | N-P205-K2O credit | App Acres and Time | Total Amt | | | | | | | | | | | |
| Loomis N | 12.1 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 36-45 | 30 | 55 | NT/NT cvr | 21 | 77 | 0 | 0 | 36 | 20 | 23 | 92 | 20 | 23 | 56 | Diammonium phosphate (DAP) 18-46-0 | 50 lb Spring Unincorp | 9-23-0 | 12.1 Entire field | 605 lb | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 12.1 Entire field | 1815 lb | | | | | | | | |
| Loomis Peterson Rd | 2.2 | 553C | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 36-45 | 30 | 55 | NT/NT cvr | 29 | 82 | 0 | 15 | 85 | 20 | 23 | 92 | 20 | 8 | 7 | Ammonium sulfate (AMS) 21-0-0 | 50 lb Spring Unincorp | 11-0-0 | 2.2 Entire field | 110 lb | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 50 lb Spring Unincorp | 9-23-0 |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 2.2 Entire field | 330 lb | | | | | | | | | | | |
| Louise Line | 8.7 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 15 | 96 | 0 | 70 | 21 | 18 | 46 | 0 | 18 | -24 | -21 | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 8.7 Entire field | 870 lb | | | | | | | | | | | |
| Matt Olson | 21.4 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 26 | 84 | 0 | 10 | 21 | 0 | 0 | 0 | 0 | -10 | -21 | | | | 21.4 | | | | | | | | | | | | |
| Ned Erickson | 41.4 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 87 | 106 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | -8 | | | | 41.4 | | | | | | | | | | | | |
| Spook S | 15 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 65 | 0 | 40 | 66 | 21 | 56 | 109 | 21 | 16 | 43 | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 15 Entire field | 1500 lb | | | | | | | | | | | |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|-----------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Spook S | 15 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 65 | 0 | 40 | 66 | 21 | 56 | 109 | 21 | 16 | 43 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 15 Entire field | 1500 lb |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban Olson Big | 28.6 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 50 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 28.6 | |

867.9 planned Soybean acres

715 planned lb Ammonium sulfate (AMS)

8,945 planned lb Diammonium phosphate (DAP)

14 planned ton Incenerator Ash

56,840 planned lb Potassium chloride

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | | | | | | | | | | |
|--------------------|-----------|--------------------------------|------------------------------------|--------------|------------|------|-----|-----------|-------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|------------------------|-------------------|--------------------|-----------|--|--|--|--|--|--|--|--|--|--|--|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt | | | | | | | | | | | |
| Bill Tietz | 6.2 | 553B | Soybeans to small grain cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 21 | 26 | 80 | 0 | 41 | 89 | 0 | 61 | 9 | 0 | 20 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6.2 Entire field | 620 lb | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | legume | | 20-0-0 | | | | | | | | | | | | | |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|------------------------|--|------------|------|-----|-----------|-------|---------------------|----|------|--|----|------|-------------------------------------|-----|------|--------------|-------------------------------|--------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Casanova | 33 | 3626A P | Soybeans 7-10 inch row | Winter Rye (grain +straw) | 31-50 | 20 | 45 | NT | 120 | 128 | 60 | 0 | 0 | 67 | 0 | 0 | 7 | 0 | 0 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 33 Entire field | 3300 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 33 Entire field | 3300 lb |
| Chouinard West | 32.2 | 3448B P | Soybeans 7-10 inch row | Winter Rye (grain +straw) to annual cover crop | 31-50 | 20 | 45 | NT/NT cvr | 80 | 97 | 60 | 0 | 0 | 67 | 0 | 0 | 7 | 0 | 0 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 32.2 Entire field | 3220 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 32.2 Entire field | 3220 lb |
| Dennis Quimby | 20.6 | 553B W | Soybeans 7-10 inch row | Winter Rye (grain +straw) to annual cover crop | 15-30 | 15 | 40 | NT/NT cvr | 25 | 73 | 40 | 0 | 48 | 20 | 0 | 61 | -20 | 0 | 13 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 20.6 Entire field | 2060 lb |
| | | | | | | | | | | | | | | | | | | | | legume | | 20-0-0 | | |
| JPM North 20 | 20.3 | 553B | Corn grain | Winter wheat (grain +straw) to annual cover crop | 61-80 | 45 | 80 | NT/NT cvr | 9 | 67 | 75 | 85 | 108 | 88 | 44 | 130 | 13 | -41 | 22 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 20.3 Entire field | 2030 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3250 gal Fall Subsurface | 91-46-72 | 19.7 Spreadable | 64025 gal |
| Loomis S | 6 | 553B | Corn grain | Sunflower | 1201-2500 | 20 | 45 | NT | 27 | 82 | 80 | 10 | 75 | 69 | 0 | 92 | -11 | -10 | 17 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 6 Entire field | 900 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 150 lb Spring Unincorp | 69-0-0 | 6 Entire field | 900 lb |
| Medchill N | 84 | 3448B P | Soybeans 7-10 inch row | Winter Rye (grain +straw) to annual cover crop | 31-50 | 20 | 45 | NT/NT cvr | 133 | 126 | 60 | 0 | 0 | 67 | 0 | 0 | 7 | 0 | 0 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 84 Entire field | 8400 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|--|------------|------|-----|-----------|-------|---------------------|-----|------|--|----|------|-------------------------------------|-----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2024 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Medchill N | 84 | 3448B P | Soybeans 7-10 inch row | Winter Rye (grain +straw) to annual cover crop | 31-50 | 20 | 45 | NT/NT cvr | 133 | 126 | 60 | 0 | 0 | 67 | 0 | 0 | 7 | 0 | 0 | Urea 46-0-0 | 100 lb Summer Unincorp | 46-0-0 | 84 Entire field | 8400 lb |
| Northstar | 27.7 | 3448B P | Soybeans to small grain cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 79 | 82 | 100 | 0 | 1 | 90 | 0 | 0 | -10 | 0 | -1 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 27.7 Entire field | 2770 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 150 lb Summer Unincorp | 69-0-0 | 27.7 Entire field | 4155 lb |
| Spook N | 14.1 | 553B W | Corn grain to small grain cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 7 | 26 | 80 | 60 | 63 | 85 | 46 | 107 | 5 | -14 | 44 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 14.1 Entire field | 1410 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 14.1 Entire field | 1410 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 175 lb Spring Unincorp | 0-0-107 | 14.1 Entire field | 2468 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 14.1 Entire field | 1410 lb |

244.1 planned Other Crops acres

19,100 planned lb Ammonium sulfate (AMS)

1,410 planned lb Diammonium phosphate (DAP)

8,078 planned lb Potassium chloride

64,025 planned gal swine

22,315 planned lb Urea

1,892 total planned acres

| Total Manure Volume | Manure App Plan | Remaining Manure |
|---------------------|-----------------|------------------|
| 10 tons | 14 | -4 |
| 4398318 gals | 4,433,785 | -35,467 |

Total Planned to be Applied

- 26,545 planned lb Ammonium sulfate (AMS)
- 10,355 planned lb Diammonium phosphate (DAP)
- 1,104,900 planned gal Farrow
- 14 planned ton Incenerator Ash
- 72,082 planned lb Potassium chloride
- 3,328,885 planned gal swine
- 38,650 planned lb Urea

List of fields that need new soil tests before plan year 2025

JPM Chet Elrose

| Tillage Abbreviations | |
|------------------------------|-----------------------------|
| Abbreviation | Tillage |
| NT | No Till |
| NT/NTcvr | No Till, cover crop no till |

NM5: Spreading and Nutrient Management Sorted By Crop Report

| | |
|--|-----------------------|
| Crop Year | 2025 |
| Reported For | Cumberland LLC |
| Printed | 2023-01-09 |
| 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

| Corn on Corn Fields | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|---------------------|-----------|--------------------------------|--------------------------------------|--------------------------------------|------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| C Johnson Middle | 57.7 | 553B W | Corn grain | Corn grain | 171-190 | 70 | 50 | NT | 13 | 54 | 125 | 100 | 36 | 163 | 70 | 109 | 38 | -30 | 73 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 57.3 Spreadable | 286500 gal |
| Glockzine | 36.3 | 152A WP | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 39 | 125 | 100 | 23 | 163 | 59 | 99 | 38 | -41 | 76 | Farrow 14-6-10 | 10000 gal Spring Subsurface | 140-60-100 | 35.8 Spreadable | 358000 gal |
| Huesset | 42.6 | 189A W | Corn grain to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 11 | 43 | 125 | 100 | 43 | 159 | 68 | 108 | 34 | -32 | 65 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 39.7 Spreadable | 208425 gal |
| Jerry Johnson E | 26.1 | 553B W | Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 80 | 125 | 59 | 0 | 167 | 72 | 113 | 42 | 13 | 113 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 25.5 Spreadable | 133875 gal |
| Jerry Johnson W | 29.8 | 553C P | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 89 | 125 | 59 | 0 | 167 | 72 | 113 | 42 | 13 | 113 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 29.2 Spreadable | 153300 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Corn on Corn Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|---------------------|-----------|--------------------------------|--------------------------------------|---|---------------|------|-----|-----------|---------------|-------|---------------------|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM Herberts | 25 | 3448BP | Corn grain to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/2.1-3 | 80 | 130 | NT/NTc vr | 63 | 141 | 130 | 0 | 0 | 150 | 63 | 99 | 20 | 63 | 99 | swine 28-14-22 | 4500 gal Spring Subsurface | 126-63-99 | 25 Spreadable | 112500 gal |
| JPM Sherriffs | 20.3 | 553BW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 50 | 125 | 100 | 35 | 164 | 70 | 110 | 39 | -30 | 75 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 20.3 Spreadable | 101500 gal |
| JPM Wood River N | 65.7 | 152AW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 65 | 125 | 100 | 35 | 164 | 70 | 110 | 39 | -30 | 75 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 65.7 Spreadable | 328500 gal |
| Lundberg | 111.4 | 553BW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 58 | 125 | 64 | 37 | 168 | 72 | 114 | 43 | 8 | 77 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 109.8 Spreadable | 576450 gal |
| Rivera | 25.8 | 553CP | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 24 | 66 | 125 | 0 | 38 | 160 | 68 | 107 | 35 | 68 | 69 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 25.2 Spreadable | 126000 gal |
| Waller House | 18.6 | 553BW | Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 75 | 125 | 100 | 40 | 163 | 70 | 109 | 38 | -30 | 69 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 18.5 Spreadable | 92500 gal |

459.3 planned Corn on Corn acres

358,000 planned gal Farrow

2,119,550 planned gal swine

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Arnie Borchert North | 5.4 | 3626 A | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 78 | 89 | 130 | 0 | 42 | 140 | 70 | 110 | 10 | 70 | 69 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 5.4 Spreadable | 27000 gal |
| Craig Selander E | 33.1 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 27 | 85 | 100 | 35 | 80 | 146 | 73 | 114 | 46 | 38 | 34 | swine 28-14-22 | 5300 gal Spring Subsurface | 148-74-117 | 32.5 Spreadable | 172250 gal |
| Dahlies | 34.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 61 | 100 | 70 | 69 | 153 | 76 | 120 | 53 | 6 | 51 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 34.1 Spreadable | 187550 gal |
| DNR Front | 28.4 | 3626 A WP | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 75 | 126 | 130 | 0 | 12 | 140 | 70 | 110 | 10 | 70 | 98 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 28.4 Spreadable | 142000 gal |
| Gary Bohn | 7.4 | 553C | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 25 | 71 | 100 | 35 | 80 | 134 | 67 | 106 | 34 | 32 | 26 | swine 28-14-22 | 5300 gal Fall Subsurface | 148-74-117 | 6.7 Spreadable | 35510 gal |
| JPM Bob Johnson S | 101.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 77 | 117 | 100 | 0 | 42 | 143 | 72 | 113 | 43 | 72 | 71 | swine 28-14-22 | 5300 gal Spring Subsurface | 148-74-117 | 97.9 Spreadable | 518870 gal |
| JPM Chet Elrose | 165.9 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 54 | 100 | 70 | 69 | 152 | 65 | 108 | 52 | -5 | 39 | Farrow 14-6-10 | 11250 gal Spring Subsurface | 158-68-113 | 159.6 Spreadable | 179550 gal |
| JPM Elrose W | 22.4 | 553B | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 48 | 100 | 70 | 69 | 149 | 74 | 117 | 49 | 4 | 48 | swine 28-14-22 | 5500 gal Fall Subsurface | 154-77-121 | 21.6 Spreadable | 118800 gal |
| JPM Magnusse n | 50.9 | 553B P | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 17 | 84 | 100 | 70 | 80 | 151 | 75 | 119 | 51 | 5 | 39 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 49.9 Spreadable | 274450 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|--|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM North 20 | 20.3 | 553B | Winter wheat (grain +straw) to annual cover crop | Corn grain | 171-190 | 70 | 50 | NT | 9 | 67 | 100 | 110 | 73 | 157 | 71 | 112 | 57 | -39 | 39 | swine 28-14-22 | 5250 gal Fall Subsurface | 147-74-116 | 19.7 Spreadable | 103425 gal |
| JPM Swan Lake | 61.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 21 | 79 | 100 | 35 | 80 | 146 | 73 | 115 | 46 | 38 | 35 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 58.4 Spreadable | 321200 gal |
| JPM T Farm | 68.4 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 45 | 67 | 100 | 0 | 88 | 139 | 70 | 109 | 39 | 70 | 21 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 61.8 Spreadable | 339900 gal |
| K Wood | 52.6 | 86A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 17 | 71 | 100 | 70 | 80 | 154 | 77 | 121 | 54 | 7 | 41 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 52.6 Spreadable | 289300 gal |
| Kaslow Arleth 5 | 27.3 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 15 | 61 | 100 | 100 | 95 | 150 | 75 | 118 | 50 | -25 | 23 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 26.6 Spreadable | 146300 gal |
| Kaslow North of Road | 31.3 | 189A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 14 | 81 | 100 | 100 | 80 | 151 | 75 | 118 | 51 | -25 | 38 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 30.6 Spreadable | 168300 gal |
| Kaslow S of Road | 48.2 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 73 | 100 | 70 | 80 | 151 | 75 | 118 | 51 | 5 | 38 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 47.2 Spreadable | 259600 gal |
| Louise Line | 8.7 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 96 | 100 | 100 | 80 | 143 | 72 | 113 | 43 | -28 | 33 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 8.1 Spreadable | 44550 gal |
| Matt Olson | 21.4 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 26 | 84 | 100 | 35 | 80 | 150 | 75 | 118 | 50 | 40 | 38 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 20.8 Spreadable | 114400 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|-----------|---------------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Ned Erickson | 41.4 | 3448 B P | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 87 | 106 | 130 | 0 | 25 | 137 | 69 | 108 | 7 | 69 | 83 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 40.6 Spreadable | 203000 gal |
| Spook N | 14.1 | 553B W | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 7 | 26 | 125 | 110 | 51 | 146 | 73 | 115 | 21 | -37 | 64 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 13.4 Spreadable | 73700 gal |
| Spook S | 15 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 65 | 100 | 54 | 52 | 144 | 71 | 112 | 44 | 17 | 60 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 13.9 Spreadable | 76450 gal |
| Urban Olson Big | 28.6 | 553B W | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 50 | 112 | 100 | 0 | 0 | 138 | 69 | 109 | 38 | 69 | 109 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 26.9 Spreadable | 141225 gal |

888 planned First Year Corn Grain acres 1,795,500 planned gal Farrow
 3,757,780 planned gal swine

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------|-----------|--------------------------------|---|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|---|------|-------------------------------------|---|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| BDC | 41.7 | 3448B P | Corn grain, baled stalks, to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NTc vr | 130 | 144 | 0 | 0 | 30 | 0 | 0 | 61 | 0 | 0 | 31 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 41.7 Entire field | 4170 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|-----------------|-----------|--------------------------------|--|--|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Berglund Home | 9.8 | 82B P | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 71 | 123 | 0 | 0 | 57 | 0 | 0 | 61 | 0 | 0 | 4 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 9.8 Entire field | 980 lb |
| Casanova | 33 | 3626A P | Winter Rye (grain +straw) | Soybeans grain + straw to small grain cover crop | 46-55 | 55 | 125 | NT/NT cvr | 120 | 128 | 0 | 0 | 59 | 0 | 0 | 61 | 0 | 0 | 2 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 33 Entire field | 3300 lb |
| Chouinard Small | 9.1 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 74 | 58 | 0 | 0 | 100 | 0 | 0 | 61 | 0 | 0 | -39 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 9.1 Entire field | 910 lb |
| Chouinard West | 32.2 | 3448B P | Winter Rye (grain +straw) to annual cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 80 | 97 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | -29 | | | | 32.2 | |
| DNR Back | 6.7 | 3626A | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 66 | 119 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | -35 | | | | 6.7 | |
| Home S | 29.3 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 40 | 82 | 0 | 0 | 70 | 23 | 0 | 92 | 23 | 0 | 22 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 29.3 Entire field | 4395 lb |
| JD Glover | 19.2 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 53 | 100 | 0 | 0 | 0 | 24 | 0 | 0 | 24 | 0 | 0 | | | | 19.2 | |
| JPM Elrose E | 31.5 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 41 | 68 | 0 | 0 | 61 | 23 | 0 | 61 | 23 | 0 | 0 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 31.5 Entire field | 3150 lb |
| Lindgren Y 48 | 12.1 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 27 | 72 | 0 | 9 | 96 | 16 | 0 | 92 | 16 | -9 | -4 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 12.1 Entire field | 1815 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------|-----------|--------------------------------|--|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|---|------|-------------------------------------|---|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Medchill N | 84 | 3448B P | Winter Rye (grain +straw) to annual cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 133 | 126 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | -14 | | | | 84 | |
| Northstar | 27.7 | 3448B P | Sunflower | Soybeans 7 -10 inch row | 46-55 | 40 | 70 | NT | 79 | 82 | 0 | 0 | 70 | 0 | 0 | 92 | 0 | 0 | 22 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 27.7 Entire field | 4155 lb |

336.3 planned Soybean acres

22,875 planned lb Potassium chloride

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|--|---|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|----------------|--------------------------|-------------------------------------|----------------|-----------|--------------|---------------------------|----------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Bill Tietz | 6.2 | 553B | Sunflower | Grass hay Seeding | 2-3 | 40 | 140 | NT | 21 | 26 | 130 | 0 | 165 | 119 | 98 | 154 | -11 | 98 | -11 | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal |
| | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal | | | | | | |
| Chouinard Big | 43 | 3448B P | Corn grain | Winter Rye (grain +straw) | 31-50 | 20 | 45 | NT | 69 | 82 | 60 | 0 | 3 | 59 | 0 | 0 | -1 | 0 | -3 | Urea 46-0-0 | 75 lb Spring Unincorp | 35-0-0 | 43 Entire field | 3225 lb |
| Dennis Quimby | 20.6 | 553B W | Winter Rye (grain +straw) to annual cover crop | Sunflower | 2501-4000 | 40 | 80 | NT | 25 | 73 | 80 | 4 | 97 | 104 | 52 | 81 | 24 | 48 | -16 | swine 28-14-22 | 3700 gal Spring Subsurface | 104-52-81 | 20.6 Spreadable | 76220 gal |
| Herbert East | 12.4 | 3448B P | Corn grain | Winter Rye (forage) to Corn silage, 30 inch row | 2.0-3.5/20.1-25 | 130 | 405 | NT | 27 | 89 | 210 | 117 | 348 | 234 | 105 | 348 | 24 | -12 | 1 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 12.4 Entire field | 3720 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | | Soil Test | | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|--------------------|-----------|--------------------------------|------------------------------------|---|-----------------|------|-----|---------|-----------|-------|-----|---------------------|-----|-----|--|-----|-----|-------------------------------------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|--|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt | |
| Herbert East | 12.4 | 3448B P | Corn grain | Winter Rye (forage) to Corn silage, 30 inch row | 2.0-3.5/20.1-25 | 130 | 405 | NT | 27 | 89 | 210 | 117 | 348 | 234 | 105 | 348 | 24 | -12 | 1 | swine 28-14-22 | 4000 gal Fall Subsurface | 112-56-88 | 12.4 Spreadable | 49600 gal | |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3500 gal Spring Subsurface | 98-49-77 | 12.4 Spreadable | 43400 gal | |
| Home 40 | 28.4 | 553B W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 17 | 74 | 185 | 180 | 325 | 222 | 101 | 280 | 37 | -79 | -45 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 28.4 Entire field | 5680 lb | |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3500 gal Fall Subsurface | 98-49-77 | 27.2 Spreadable | 95200 gal | |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 4000 gal Spring Subsurface | 112-56-88 | 27.2 Spreadable | 108800 gal | |
| JPM 20 W | 23.1 | 82B P | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 66 | 110 | 185 | 0 | 147 | 220 | 98 | 154 | 35 | 98 | 7 | swine 28-14-22 | 3500 gal Fall Subsurface | 98-49-77 | 23.1 Spreadable | 80850 gal | |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3500 gal Spring Subsurface | 98-49-77 | 23.1 Spreadable | 80850 gal | |
| Larry Anderson 87 | 14.6 | 3626A W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 40 | 104 | 210 | 31 | 63 | 179 | 93 | 199 | -31 | 62 | 136 | Incenerator Ash 3-11-52 | 1.5 ton Spring Unincorp | 5-16-78 | 14.6 Spreadable | 22 ton | |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 14.6 Spreadable | 80300 gal | |
| Loomis N | 12.1 | 553B | Soybeans to small grain cover crop | Grass hay Seeding | 2-3 | 40 | 140 | NT | 21 | 77 | 160 | 0 | 114 | 139 | 98 | 154 | -21 | 98 | 40 | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 12.1 Spreadable | 42350 gal | |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|------------------------------------|-------------------|------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|-----|------|--------------|---------------------------|---------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2025 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Loomis N | 12.1 | 553B | Soybeans to small grain cover crop | Grass hay Seeding | 2-3 | 40 | 140 | NT | 21 | 77 | 160 | 0 | 114 | 139 | 98 | 154 | -21 | 98 | 40 | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 12.1 Spreadable | 42350 gal |
| | | | | | | | | | | | | | | | | | | | | legume | | 20-0-0 | | |
| Loomis Peterson Rd | 2.2 | 553C | Soybeans to small grain cover crop | Grass hay Seeding | 2-3 | 40 | 140 | NT | 29 | 82 | 160 | 12 | 163 | 139 | 98 | 154 | -21 | 86 | -9 | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 2.2 Spreadable | 7700 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 2.2 Spreadable | 7700 gal |
| | | | | | | | | | | | | | | | | | | | | legume | | 20-0-0 | | |
| Loomis S | 6 | 553B | Sunflower | Grass hay Seeding | 3.1-4 | 55 | 195 | NT | 27 | 82 | 130 | 30 | 208 | 119 | 98 | 215 | -11 | 68 | 7 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6 Entire field | 600 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 6 Spreadable | 21000 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6 Spreadable | 21000 gal |
| Tom Hinrichs | 39.8 | 152A W | Corn grain | Sunflower | 1201-2500 | 20 | 45 | NT | 16 | 53 | 80 | 17 | 37 | 101 | 40 | 123 | 21 | 23 | 86 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 39.8 Entire field | 3980 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3000 gal Fall Subsurfa ce | 84-42-66 | 37.5 Spreadable | 112500 gal |

208.4 planned Other Crops acres

22 planned ton Incenerator Ash

13,980 planned lb Potassium chloride

913,220 planned gal swine

3,225 planned lb Urea

1,892 total planned acres

Total Planned to be Applied

| Total Manure Volume | Manure App Plan | Remaining Manure |
|---------------------|-----------------|------------------|
| 20 tons | 22 | -2 |
| 8796637 gals | 8,944,050 | -147,413 |

- 2,153,500 planned gal Farrow
- 22 planned ton Incenerator Ash
- 36,855 planned lb Potassium chloride
- 6,790,550 planned gal swine
- 3,225 planned lb Urea

List of fields that need new soil tests before plan year 2026

| | |
|----------------------|------------------|
| Arnie Borchert North | BDC |
| Berglund Home | Bill Tietz |
| C Johnson Middle | Casanova |
| Chouinard Big | Chouinard Small |
| Chouinard West | Craig Selander E |
| Dahlies | Dennis Quimby |
| DNR Back | DNR Front |
| Gary Bohn | Glockzine |
| Herbert East | Home 40 |
| Home S | Huesset |
| JD Glover | Jerry Johnson E |
| Jerry Johnson W | JPM 20 W |
| JPM Bob Johnson S | JPM Chet Elrose |
| JPM Elrose E | JPM Elrose W |
| JPM Herberts | JPM Magnussen |
| | JPM Sherriffs |

| | |
|--------------------|----------------------|
| JPM North 20 | JPM T Farm |
| JPM Swan Lake | K Wood |
| JPM Wood River N | Kaslow North of Road |
| Kaslow Arleth 5 | Larry Anderson 87 |
| Kaslow S of Road | Loomis N |
| Lindgren Y 48 | Loomis S |
| Loomis Peterson Rd | Lundberg |
| Louise Line | Medchill N |
| Matt Olson | Northstar |
| Ned Erickson | Spook N |
| Rivera | Tom Hinrichs |
| Spook S | Waller House |
| Urban Olson Big | |

| Tillage Abbreviations | |
|-----------------------|-----------------------------|
| Abbreviation | Tillage |
| NT | No Till |
| NT/NTcvr | No Till, cover crop no till |

NM5: Spreading and Nutrient Management Sorted By Crop Report

| | |
|--|-----------------------|
| Crop Year | 2026 |
| Reported For | Cumberland LLC |
| Printed | 2023-01-09 |
| 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

| Corn on Corn Fields | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|----------------------|-----------|--------------------------------|--------------------------------------|--------------------------------------|------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Arnie Borchert North | 5.4 | 3626A | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 78 | 89 | 130 | 0 | 16 | 159 | 69 | 108 | 29 | 69 | 92 | swine 28-14-22 | 4900 gal Fall Subsurface | 137-69-108 | 5.4 Spreadable | 26460 gal |
| DNR Front | 28.4 | 3626A WP | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 75 | 126 | 150 | 0 | 0 | 156 | 67 | 106 | 6 | 67 | 106 | swine 28-14-22 | 4800 gal Spring Subsurface | 134-67-106 | 28.4 Spreadable | 136320 gal |
| Home 40 | 28.4 | 553B W | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 17 | 74 | 125 | 100 | 95 | 145 | 49 | 81 | 20 | -51 | -14 | Farrow 14-6-10 | 8500 gal Fall Subsurface | 119-51-85 | 27.2 Spreadable | 231200 gal |
| Jerry Johnson E | 26.1 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 80 | 125 | 57 | 0 | 166 | 72 | 113 | 41 | 15 | 113 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 25.5 Spreadable | 133875 gal |
| Jerry Johnson W | 29.8 | 553C P | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 89 | 125 | 57 | 0 | 166 | 72 | 113 | 41 | 15 | 113 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 29.2 Spreadable | 153300 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Corn on Corn Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|----------------------|-----------|--------------------------------|---|--------------------------------------|--------------|------|-----|-----------|---------------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|-----------------------------|-------------------|--------------------|-------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM 20 W | 23.1 | 82B P | Winter Rye (forage) to Corn grain | Corn grain | 171-190 | 70 | 50 | NT | 66 | 110 | 125 | 0 | 43 | 163 | 67 | 105 | 38 | 67 | 62 | swine 28-14-22 | 4750 gal Spring Subsurface | 133-67-105 | 23.1 Spreadable | 109725 gal |
| JPM Chet Elrose | 165.9 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 54 | 125 | 70 | 56 | 159 | 58 | 97 | 34 | -12 | 41 | Farrow 14-6-10 | 10100 gal Spring Subsurface | 141-61-101 | 159.6 Spreadable | 1611960 gal |
| JPM Herberts | 25 | 3448B P | Corn grain, baled stalks, to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 63 | 141 | 130 | 0 | 0 | 153 | 67 | 106 | 23 | 67 | 106 | swine 28-14-22 | 4800 gal Spring Subsurface | 134-67-106 | 25 Spreadable | 120000 gal |
| JPM Sherriffs | 20.3 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 50 | 125 | 100 | 20 | 169 | 74 | 116 | 44 | -26 | 96 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 20.3 Spreadable | 106575 gal |
| JPM Wood River N | 65.7 | 152A W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 65 | 125 | 100 | 20 | 142 | 60 | 95 | 17 | -40 | 75 | swine 28-14-22 | 4300 gal Fall Subsurface | 120-60-95 | 65.7 Spreadable | 282510 gal |
| Kaslow Arleth 5 | 27.3 | 553B W | Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 61 | 125 | 100 | 72 | 159 | 68 | 107 | 34 | -32 | 35 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 26.6 Spreadable | 133000 gal |
| Kaslow North of Road | 31.3 | 189A W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 14 | 81 | 125 | 100 | 42 | 160 | 68 | 108 | 35 | -32 | 66 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 30.6 Spreadable | 153000 gal |
| Larry Anderson 87 | 14.6 | 3626A W | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 40 | 104 | 130 | 0 | 0 | 157 | 66 | 103 | 27 | 66 | 103 | swine 28-14-22 | 4700 gal Spring Subsurface | 132-66-103 | 14.6 Spreadable | 68620 gal |
| Lundberg | 111.4 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 58 | 125 | 62 | 18 | 167 | 72 | 114 | 42 | 10 | 96 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 109.8 Spreadable | 576450 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Corn on Corn Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|---------------------|-----------|--------------------------------|--------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Rivera | 25.8 | 553C P | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 24 | 66 | 125 | 0 | 26 | 165 | 72 | 113 | 40 | 72 | 87 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 25.2 Spreadable | 132300 gal |
| Spook S | 15 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 65 | 125 | 53 | 35 | 152 | 65 | 102 | 27 | 12 | 67 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 13.9 Spreadable | 69500 gal |
| Waller House | 18.6 | 553B W | Corn grain to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 15 | 75 | 125 | 100 | 11 | 167 | 73 | 115 | 42 | -27 | 104 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 18.5 Spreadable | 97125 gal |

662.1 planned Corn on Corn acres

1,843,160 planned gal Farrow

2,298,760 planned gal swine

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|--|---|---------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|-----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Casanova | 33 | 3626 A P | Soybeans grain + straw to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/3.1-4 | 85 | 160 | NT/NTc vr | 120 | 128 | 130 | 0 | 84 | 119 | 60 | 94 | -11 | 60 | 10 | swine 28-14-22 | 4250 gal Fall Subsurface | 119-60-94 | 33 Spreadable | 140250 gal |
| Chouinard Big | 43 | 3448 B P | Winter Rye (grain +straw) | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 69 | 82 | 130 | 0 | 50 | 154 | 77 | 121 | 24 | 77 | 71 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 43 Spreadable | 236500 gal |
| Chouinard Small | 9.1 | 3448 B P | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 74 | 58 | 130 | 0 | 80 | 154 | 77 | 121 | 24 | 77 | 41 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 9.1 Spreadable | 50050 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|---|---------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Chouinard West | 32.2 | 3448 B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 80 | 97 | 130 | 0 | 25 | 154 | 77 | 121 | 24 | 77 | 96 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 32.2 Spreadable | 177100 gal |
| Dennis Quimby | 20.6 | 553B W | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 25 | 73 | 125 | 0 | 80 | 136 | 60 | 95 | 11 | 60 | 15 | swine 28-14-22 | 4300 gal Fall Subsurface | 120-60-95 | 20.6 Spreadable | 88580 gal |
| DNR Back | 6.7 | 3626 A | Soybeans 7-10 inch row | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 66 | 119 | 130 | 0 | 25 | 154 | 77 | 121 | 24 | 77 | 96 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 6.7 Spreadable | 36850 gal |
| Home S | 29.3 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 40 | 82 | 100 | 0 | 73 | 149 | 64 | 106 | 49 | 64 | 33 | Farrow 14-6-10 | 11000 gal Spring Subsurface | 154-66-110 | 28.3 Spreadable | 311300 gal |
| JD Glover | 19.2 | 3448 B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 53 | 100 | 130 | 0 | 2 | 158 | 90 | 186 | 28 | 90 | 184 | Incenerator Ash 3-11-52 | 1.3 ton Spring Unincorp | 4-13-65 | 19.2 Spreadable | 24 ton |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 19.2 Spreadable | 105600 gal |
| Lindgren Y 48 | 12.1 | 553B | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 27 | 72 | 100 | 35 | 80 | 146 | 73 | 115 | 46 | 38 | 35 | swine 28-14-22 | 5500 gal Fall Subsurface | 154-77-121 | 11.5 Spreadable | 63250 gal |
| Medchill N | 84 | 3448 B P | Soybeans to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/3.1-4 | 85 | 160 | NT/NTc vr | 133 | 126 | 130 | 0 | 85 | 139 | 70 | 109 | 9 | 70 | 24 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 83.5 Spreadable | 417500 gal |
| Northstar | 27.7 | 3448 B P | Soybeans 7-10 inch row | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 79 | 82 | 130 | 0 | 39 | 154 | 77 | 121 | 24 | 77 | 82 | swine 28-14-22 | 5500 gal Summer Subsurface | 154-77-121 | 27.7 Spreadable | 152350 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|------------------------------|-----------|--------------------------------|------------|--------------------------------------|--------------|------|-----|-----------|---------------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Tom Hinrichs | 39.8 | 152A W | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 53 | 125 | 47 | 9 | 165 | 77 | 120 | 40 | 30 | 111 | swine 28-14-22 | 5800 gal Spring Subsurface | 162-81-128 | 37.5 Spreadable | 217500 gal |

356.7 planned First Year Corn Grain acres 311,300 planned gal Farrow
 24 planned ton Incenerator Ash
 1,685,530 planned gal swine

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Craig Selander E | 33.1 | 553B W | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 27 | 85 | 0 | 0 | 66 | 22 | 0 | 92 | 22 | 0 | 26 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 33.1 Entire field | 4965 lb |
| Dahlies | 34.4 | 152A W | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 18 | 61 | 0 | 34 | 64 | 23 | 0 | 61 | 23 | -34 | -3 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 34.4 Entire field | 3440 lb |
| Gary Bohn | 7.4 | 553C | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NTc vr | 25 | 71 | 0 | 0 | 74 | 21 | 0 | 61 | 21 | 0 | -13 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 7.4 Entire field | 740 lb |
| Glockzine | 36.3 | 152A WP | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NTc vr | 11 | 39 | 0 | 70 | 39 | 21 | 0 | 61 | 21 | -70 | 22 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 36.3 Entire field | 3630 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|-------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| JPM Bob Johnson S | 101.4 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 77 | 117 | 0 | 0 | 0 | 22 | 0 | 0 | 22 | 0 | 0 | | | | 101.4 | |
| JPM Swan Lake | 61.4 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 21 | 79 | 0 | 0 | 65 | 23 | 0 | 61 | 23 | 0 | -4 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 61.4 Entire field | 6140 lb |
| JPM T Farm | 68.4 | 553B W | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 45 | 67 | 0 | 0 | 94 | 21 | 0 | 92 | 21 | 0 | -2 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 68.4 Entire field | 10260 lb |
| K Wood | 52.6 | 86A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 17 | 71 | 0 | 33 | 59 | 24 | 0 | 61 | 24 | -33 | 2 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 52.6 Entire field | 5260 lb |
| Matt Olson | 21.4 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 26 | 84 | 0 | 0 | 62 | 23 | 0 | 61 | 23 | 0 | -1 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 21.4 Entire field | 2140 lb |

416.4 planned Soybean acres

36,575 planned lb Potassium chloride

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|------------------------------------|-----------------------------------|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| BDC | 41.7 | 3448B P | Soybeans to small grain cover crop | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 130 | 144 | 210 | 0 | 120 | 210 | 105 | 165 | 0 | 105 | 45 | swine 28-14-22 | 7500 gal Spring Subsurface | 210-105-165 | 41.7 Spreadable | 312750 gal |
| Berglund Home | 9.8 | 82B P | Soybeans 7-10 inch row | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 71 | 123 | 180 | 0 | 266 | 210 | 105 | 287 | 30 | 105 | 21 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 9.8 Entire field | 1960 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|--------------------|-----------|--------------------------------|---|---|-----------------|------|-----|---------|-----------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Berglund Home | 9.8 | 82B P | Soybeans 7-10 inch row | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 71 | 123 | 180 | 0 | 266 | 210 | 105 | 287 | 30 | 105 | 21 | swine 28-14-22 | 7500 gal Spring Subsurface | 210-105-165 | 9.8 Spreadable | 73500 gal |
| Bill Tietz | 6.2 | 553B | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 21 | 26 | 130 | 0 | 240 | 149 | 98 | 246 | 19 | 98 | 6 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 6.2 Entire field | 930 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal |
| C Johnson Middle | 57.7 | 553B W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 13 | 54 | 185 | 180 | 287 | 207 | 93 | 299 | 22 | -87 | 12 | Potassium chloride 0-0-61 | 250 lb Spring Unincorp | 0-0-153 | 57.7 Entire field | 14425 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 6700 gal Spring Subsurface | 188-94-147 | 57.3 Spreadable | 383910 gal |
| Herbert East | 12.4 | 3448B P | Winter Rye (forage) to Corn silage, 30 inch row | Winter Rye (forage) to Corn silage, 30 inch row | 2.0-3.5/20.1-25 | 130 | 405 | NT | 27 | 89 | 210 | 130 | 405 | 235 | 102 | 343 | 25 | -28 | -62 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 12.4 Entire field | 3720 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7250 gal Spring Subsurface | 203-102-160 | 12.4 Spreadable | 89900 gal |
| Huesset | 42.6 | 189A W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 11 | 43 | 185 | 180 | 295 | 204 | 91 | 297 | 19 | -89 | 2 | Potassium chloride 0-0-61 | 250 lb Spring Unincorp | 0-0-153 | 42.6 Entire field | 10650 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7000 gal Spring Subsurface | 196-98-154 | 39.7 Spreadable | 277900 gal |
| JPM Elrose E | 31.5 | 553B W | Soybeans to small grain cover crop | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 41 | 68 | 160 | 0 | 360 | 187 | 93 | 330 | 27 | 93 | -30 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 31.5 Entire field | 9450 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|---|-----------------|------|-----|---------|-----------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM Elrose E | 31.5 | 553B W | Soybeans to small grain cover crop | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 41 | 68 | 160 | 0 | 360 | 187 | 93 | 330 | 27 | 93 | -30 | swine 28-14-22 | 7000 gal Spring Subsurface | 196-98-154 | 30 Spreadable | 210000 gal |
| JPM Elrose W | 22.4 | 553B | Corn grain to small grain cover crop | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 18 | 48 | 205 | 116 | 312 | 226 | 101 | 342 | 21 | -15 | 30 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 22.4 Entire field | 6720 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7500 gal Spring Subsurface | 210-105-165 | 21.6 Spreadable | 162000 gal |
| JPM Magnusse n | 50.9 | 553B P | Corn grain | Grass hay Seeding | 2-3 | 40 | 140 | NT | 17 | 84 | 130 | 35 | 131 | 140 | 96 | 151 | 10 | 61 | 20 | swine 17-14-22 | 7000 gal Spring Unincorp | 119-98-154 | 49.9 Spreadable | 349300 gal |
| JPM North 20 | 20.3 | 553B | Corn grain | Winter Rye (forage) to Corn silage, 30 inch row | 2.0-3.5/20.1-25 | 130 | 405 | NT | 9 | 67 | 185 | 210 | 466 | 212 | 95 | 332 | 27 | -115 | -134 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 20.3 Entire field | 6090 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7000 gal Fall Subsurface | 196-98-154 | 19.7 Spreadable | 137900 gal |
| Kaslow S of Road | 48.2 | 152A W | Corn grain to small grain cover crop | Sunflower | 2501-4000 | 40 | 80 | NT | 18 | 73 | 80 | 35 | 72 | 103 | 40 | 62 | 23 | 5 | -10 | swine 28-14-22 | 2900 gal Fall Subsurface | 81-41-64 | 47.2 Spreadable | 136880 gal |
| Loomis N | 12.1 | 553B | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 21 | 77 | 160 | 0 | 185 | 149 | 98 | 215 | -11 | 98 | 30 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 12.1 Entire field | 1210 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 12.1 Spreadable | 42350 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 12.1 Spreadable | 42350 gal |
| Loomis Peterson Rd | 2.2 | 553C | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 29 | 82 | 160 | 0 | 225 | 149 | 98 | 246 | -11 | 98 | 21 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 2.2 Entire field | 330 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|---|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|-----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Loomis Peterson Rd | 2.2 | 553C | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 29 | 82 | 160 | 0 | 225 | 149 | 98 | 246 | -11 | 98 | 21 | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 2.2 Spreadable | 7700 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 2.2 Spreadable | 7700 gal |
| Loomis S | 6 | 553B | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 27 | 82 | 130 | 0 | 218 | 149 | 98 | 215 | 19 | 98 | -3 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6 Entire field | 600 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 6 Spreadable | 21000 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6 Spreadable | 21000 gal |
| Louise Line | 8.7 | 152A W | Corn grain to small grain cover crop | Winter Rye (forage) to Corn silage, 30 inch row | 2.0-3.5/20.1-25 | 130 | 405 | NT | 15 | 96 | 185 | 190 | 442 | 218 | 98 | 337 | 33 | -92 | -105 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 8.7 Entire field | 2610 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7500 gal Spring Subsurface | 210-105-165 | 8.1 Spreadable | 60750 gal |
| Ned Erickson | 41.4 | 3448B P | Corn grain | Winter Rye (grain +straw) to annual cover crop | 51-70 | 30 | 50 | NT/NT cvr | 87 | 106 | 60 | 0 | 0 | 67 | 0 | 0 | 7 | 0 | 0 | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 41.4 Entire field | 4140 lb |
| Spook N | 14.1 | 553B W | Corn grain to small grain cover crop | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 7 | 26 | 185 | 200 | 296 | 209 | 93 | 268 | 24 | -107 | -28 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 14.1 Entire field | 2820 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7000 gal Spring Subsurface | 196-98-154 | 13.4 Spreadable | 93800 gal |
| Urban Olson Big | 28.6 | 553B W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 50 | 112 | 205 | 0 | 142 | 219 | 99 | 155 | 14 | 99 | 13 | swine 28-14-22 | 3750 gal Fall Subsurface | 105-53-83 | 26.9 Spreadable | 100875 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|------------|-----------------------------------|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2026 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Urban Olson Big | 28.6 | 553B W | Corn grain | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 50 | 112 | 205 | 0 | 142 | 219 | 99 | 155 | 14 | 99 | 13 | swine 28-14-22 | 3750 gal Spring Subsurface | 105-53-83 | 26.9 Spreadable | 100875 gal |

456.8 planned Other Crops acres

61,515 planned lb Potassium chloride

2,675,840 planned gal swine

4,140 planned lb Urea

1,892 total planned acres

Total Planned to be Applied

| Total Manure Volume | Manure App Plan | Remaining Manure |
|---------------------|-----------------|------------------|
| 20 tons | 24 | -4 |
| 8796637 gals | 8,814,590 | -17,953 |

2,154,460 planned gal Farrow

24 planned ton Incenerator Ash

98,090 planned lb Potassium chloride

6,660,130 planned gal swine

4,140 planned lb Urea

List of fields that need new soil tests before plan year 2027

| | |
|----------------------|------------------|
| Arnie Borchert North | BDC |
| Berglund Home | Bill Tietz |
| C Johnson Middle | Casanova |
| Chouinard Big | Chouinard Small |
| Chouinard West | Craig Selander E |
| | Dennis Quimby |

| | |
|--------------------|----------------------|
| Dahlies | DNR Front |
| DNR Back | Glockzine |
| Gary Bohn | Home 40 |
| Herbert East | Huesset |
| Home S | Jerry Johnson E |
| JD Glover | JPM 20 W |
| Jerry Johnson W | JPM Chet Elrose |
| JPM Bob Johnson S | JPM Elrose W |
| JPM Elrose E | JPM Magnussen |
| JPM Herberts | JPM Sherriffs |
| JPM North 20 | JPM T Farm |
| JPM Swan Lake | K Wood |
| JPM Wood River N | Kaslow North of Road |
| Kaslow Arleth 5 | Larry Anderson 87 |
| Kaslow S of Road | Loomis N |
| Lindgren Y 48 | Loomis S |
| Loomis Peterson Rd | Lundberg |
| Louise Line | Medchill N |
| Matt Olson | Northstar |
| Ned Erickson | Spook N |
| Rivera | Tom Hinrichs |
| Spook S | Waller House |
| Urban Olson Big | |

| Tillage Abbreviations | |
|------------------------------|--------------------------------|
| Abbreviation | Tillage |
| None | None |
| NT | No Till |
| NT/NTcvr | No Till, cover crop no till |

NM5: Spreading and Nutrient Management Sorted By Crop Report

| | |
|--|-----------------------|
| Crop Year | 2027 |
| Reported For | Cumberland LLC |
| Printed | 2023-01-09 |
| 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

| Corn on Corn Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------------|-----------|--------------------------------|--------------------------------------|---|---------------|------|-----|-----------|---------------|-------|---------------------|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Arnie Borchert North | 5.4 | 3626A | Corn grain to small grain cover crop | Corn grain, baled stalks, to small grain cover crop | 171-190/3.1-4 | 85 | 160 | NT/NTc vr | 78 | 89 | 130 | 0 | 114 | 158 | 69 | 108 | 28 | 69 | -6 | swine 28-14-22 | 4900 gal Spring Subsurface | 137-69-108 | 5.4 Spreadable | 26460 gal |
| C Johnson Middle | 57.7 | 553B W | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 13 | 54 | 125 | 100 | 83 | 168 | 70 | 109 | 43 | -30 | 26 | swine 28-14-22 | 5000 gal Spring Subsurface | 140-70-110 | 57.3 Spreadable | 286500 gal |
| Dennis Quimby | 20.6 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 25 | 73 | 125 | 0 | 65 | 139 | 60 | 95 | 14 | 60 | 30 | swine 28-14-22 | 4300 gal Fall Subsurface | 120-60-95 | 20.6 Spreadable | 88580 gal |
| Home 40 | 28.4 | 553B W | Corn grain to small grain cover crop | Corn silage to annual cover crop | 20.1-25 | 80 | 185 | NT/NTc vr | 17 | 74 | 125 | 110 | 240 | 169 | 84 | 289 | 44 | -26 | 49 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 28.4 Entire field | 5680 lb |
| | | | | | | | | | | | | | | | | | | | | Incenerator Ash 3-11-52 | 1 ton Spring Unincorp | 3-11-52 | 27.2 Spreadable | 27 ton |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 5540 gal Spring Subsurface | 155-78-122 | 27.2 Spreadable | 150688 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Corn on Corn Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------------|-----------|--------------------------------|---|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|-----------------------------|-------------------|--------------------|-------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Home S | 29.3 | 553BW | Corn grain to small grain cover crop | Corn silage to annual cover crop | 20.1-25 | 80 | 185 | NT/NTc vr | 40 | 82 | 125 | 0 | 207 | 169 | 73 | 237 | 44 | 73 | 30 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 29.3 Entire field | 5860 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 5400 gal Spring Subsurface | 151-76-119 | 28.3 Spreadable | 152820 gal |
| JPM Chet Elrose | 165.9 | 553BW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 54 | 125 | 70 | 54 | 169 | 63 | 106 | 44 | -7 | 52 | Farrow 14-6-10 | 11000 gal Spring Subsurface | 154-66-110 | 159.6 Spreadable | 1755600 gal |
| JPM Elrose W | 22.4 | 553B | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 48 | 125 | 70 | 65 | 166 | 68 | 106 | 41 | -2 | 41 | swine 28-14-22 | 5000 gal Fall Subsurface | 140-70-110 | 21.6 Spreadable | 108000 gal |
| JPM North 20 | 20.3 | 553B | Winter Rye (forage) to Corn silage, 30 inch row | Corn grain | 171-190 | 70 | 50 | NT | 9 | 67 | 125 | 110 | 95 | 168 | 69 | 109 | 43 | -41 | 14 | swine 28-14-22 | 5100 gal Fall Subsurface | 143-71-112 | 19.7 Spreadable | 100470 gal |
| JPM Sherriffs | 20.3 | 553BW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 50 | 125 | 100 | 0 | 169 | 73 | 114 | 44 | -27 | 114 | swine 28-14-22 | 5200 gal Spring Subsurface | 146-73-114 | 20.3 Spreadable | 105560 gal |
| JPM Wood River N | 65.7 | 152AW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 65 | 125 | 100 | 20 | 167 | 74 | 117 | 42 | -26 | 97 | swine 28-14-22 | 5300 gal Spring Subsurface | 148-74-117 | 65.7 Spreadable | 348210 gal |
| Kaslow Arleth 5 | 27.3 | 553BW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 61 | 125 | 100 | 60 | 168 | 74 | 116 | 43 | -26 | 56 | swine 28-14-22 | 5400 gal Spring Subsurface | 151-76-119 | 26.6 Spreadable | 143640 gal |
| Kaslow North of Road | 31.3 | 189AW | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 14 | 81 | 125 | 100 | 14 | 169 | 74 | 116 | 44 | -26 | 102 | swine 28-14-22 | 5400 gal Spring Subsurface | 151-76-119 | 30.6 Spreadable | 165240 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Corn on Corn Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|---------------------|-----------|--------------------------------|---|--------------------------------------|--------------|------|-----|-----------|---------------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Louise Line | 8.7 | 152A W | Winter Rye (forage) to Corn silage, 30 inch row | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 96 | 125 | 100 | 80 | 168 | 69 | 109 | 43 | -31 | 29 | swine 28-14-22 | 5300 gal Spring Subsurface | 148-74-117 | 8.1 Spreadable | 42930 gal |
| Lundberg | 111.4 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 58 | 125 | 60 | 0 | 168 | 73 | 115 | 43 | 13 | 115 | swine 28-14-22 | 5300 gal Spring Subsurface | 148-74-117 | 109.8 Spreadable | 581940 gal |
| Spook N | 14.1 | 553B W | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 7 | 26 | 125 | 110 | 95 | 169 | 70 | 110 | 44 | -40 | 15 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 13.4 Spreadable | 70350 gal |
| Spook S | 15 | 553B W | Corn grain to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 65 | 125 | 58 | 28 | 159 | 69 | 109 | 34 | 11 | 81 | swine 28-14-22 | 5350 gal Spring Subsurface | 150-75-118 | 13.9 Spreadable | 74365 gal |
| Tom Hinrichs | 39.8 | 152A W | Corn grain to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 16 | 53 | 125 | 40 | 0 | 169 | 73 | 175 | 44 | 33 | 175 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 39.8 Entire field | 3980 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 37.5 Spreadable | 206250 gal |
| Urban Olson Big | 28.6 | 553B W | Winter Rye (forage) to Corn grain | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 50 | 112 | 125 | 0 | 37 | 168 | 69 | 109 | 43 | 69 | 72 | swine 28-14-22 | 5250 gal Spring Subsurface | 147-74-116 | 26.9 Spreadable | 141225 gal |

712.2 planned Corn on Corn acres

1,755,600 planned gal Farrow

27 planned ton Incenerator Ash

15,520 planned lb Potassium chloride

2,793,228 planned gal swine

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|--|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|---------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Gary Bohn | 7.4 | 553C | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 25 | 71 | 100 | 23 | 80 | 145 | 72 | 114 | 45 | 49 | 34 | swine 28-14-22 | 5700 gal Fall Subsurface | 160-80-125 | 6.7 Spreadable | 38190 gal |
| Glockzine | 36.3 | 152A WP | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 39 | 100 | 100 | 73 | 152 | 65 | 108 | 52 | -35 | 35 | Farrow 14-6-10 | 11000 gal Spring Subsurface | 154-66-110 | 35.8 Spreadable | 393800 gal |
| JPM Bob Johnson S | 101.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 77 | 117 | 100 | 0 | 49 | 149 | 74 | 117 | 49 | 74 | 68 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 97.9 Spreadable | 538450 gal |
| JPM Swan Lake | 61.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 21 | 79 | 100 | 17 | 80 | 146 | 73 | 115 | 46 | 56 | 35 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 58.4 Spreadable | 321200 gal |
| K Wood | 52.6 | 86A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 17 | 71 | 100 | 70 | 78 | 154 | 77 | 121 | 54 | 7 | 43 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 52.6 Spreadable | 289300 gal |
| Kaslow S of Road | 48.2 | 152A W | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 73 | 125 | 65 | 80 | 168 | 78 | 123 | 43 | 13 | 43 | swine 28-14-22 | 5700 gal Spring Subsurface | 160-80-125 | 47.2 Spreadable | 269040 gal |
| Matt Olson | 21.4 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 26 | 84 | 100 | 15 | 80 | 150 | 75 | 118 | 50 | 60 | 38 | swine 28-14-22 | 5500 gal Spring Subsurface | 154-77-121 | 20.8 Spreadable | 114400 gal |
| Ned Erickson | 41.4 | 3448 B P | Winter Rye (grain +straw) to annual cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 87 | 106 | 130 | 0 | 17 | 159 | 80 | 125 | 29 | 80 | 108 | swine 28-14-22 | 5800 gal Spring Subsurface | 162-81-128 | 40.6 Spreadable | 235480 gal |

370.1 planned First Year Corn Grain acres

393,800 planned gal Farrow

1,806,060 planned gal swine

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|-----------------|-----------|--------------------------------|---|--|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| BDC | 41.7 | 3448B P | Winter Rye (forage) to Corn grain | Soybeans 7 -10 inch row | 46-55 | 40 | 70 | NT | 130 | 144 | 0 | 0 | 12 | 32 | 0 | 0 | 32 | 0 | -12 | | | | 41.7 | |
| Berglund Home | 9.8 | 82B P | Winter Rye (forage) to Corn grain | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 71 | 123 | 0 | 0 | 49 | 32 | 0 | 92 | 32 | 0 | 43 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 9.8 Entire field | 1470 lb |
| Casanova | 33 | 3626A P | Corn grain, baled stalks, to small grain cover crop | Soybeans grain + straw to small grain cover crop | 46-55 | 55 | 125 | NT/NT cvr | 120 | 128 | 0 | 0 | 60 | 18 | 0 | 61 | 18 | 0 | 1 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 33 Entire field | 3300 lb |
| Chouinard Big | 43 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 69 | 82 | 0 | 0 | 35 | 24 | 0 | 61 | 24 | 0 | 27 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 43 Entire field | 4300 lb |
| Chouinard West | 32.2 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 80 | 97 | 0 | 0 | 0 | 24 | 0 | 0 | 24 | 0 | 0 | | | | 32.2 | |
| Herbert East | 12.4 | 3448B P | Winter Rye (forage) to Corn silage, 30 inch row | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 27 | 89 | 0 | 40 | 70 | 31 | 0 | 92 | 31 | -40 | 22 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 12.4 Entire field | 1860 lb |
| JD Glover | 19.2 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 53 | 100 | 0 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | | | | 19.2 | |
| Jerry Johnson E | 26.1 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 80 | 0 | 25 | 0 | 22 | 0 | 0 | 22 | -25 | 0 | | | | 26.1 | |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|-------------------|-----------|--------------------------------|---|------------------------------------|------------|------|-----|-----------|-----------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|---------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Jerry Johnson W | 29.8 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 89 | 0 | 25 | 0 | 22 | 0 | 0 | 22 | -25 | 0 | | | | 29.8 | |
| JPM 20 W | 23.1 | 82B P | Corn grain | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 66 | 110 | 0 | 0 | 8 | 20 | 0 | 0 | 20 | 0 | -8 | | | | 23.1 | |
| JPM Herberts | 25 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 63 | 141 | 0 | 0 | 0 | 21 | 0 | 0 | 21 | 0 | 0 | | | | 25 | |
| Larry Anderson 87 | 14.6 | 3626A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 40 | 104 | 0 | 0 | 0 | 20 | 0 | 0 | 20 | 0 | 0 | | | | 14.6 | |
| Lindgren Y 48 | 12.1 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 27 | 72 | 0 | 0 | 65 | 23 | 0 | 61 | 23 | 0 | -4 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 12.1 Entire field | 1210 lb |
| Medchill N | 84 | 3448B P | Corn grain, baled stalks, to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 133 | 126 | 0 | 0 | 23 | 21 | 0 | 0 | 21 | 0 | -23 | | | | 84 | |
| Northstar | 27.7 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 79 | 82 | 0 | 0 | 29 | 24 | 0 | 0 | 24 | 0 | -29 | | | | 27.7 | |
| Rivera | 25.8 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 24 | 66 | 0 | 0 | 28 | 22 | 0 | 0 | 22 | 0 | -28 | | | | 25.8 | |

459.5 planned Soybean acres

12,140 planned lb Potassium chloride

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|-----------------------------------|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------|----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Bill Tietz | 6.2 | 553B | Grass hay | Grass hay | 3.1-4 | 55 | 195 | None | 21 | 26 | 130 | 0 | 234 | 149 | 98 | 246 | 19 | 98 | 12 | Potassium chloride 0-0-61 | 150 lb Spring Unincorp | 0-0-92 | 6.2 Entire field | 930 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Spring Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6.2 Spreadable | 21700 gal |
| Chouinard Small | 9.1 | 3448B P | Corn grain | Winter Rye (grain +straw) | 31-50 | 20 | 45 | NT | 74 | 58 | 60 | 0 | 55 | 79 | 46 | 72 | 19 | 46 | 18 | swine 17-14-22 | 3250 gal Fall Unincorp | 55-46-72 | 9.1 Spreadable | 29575 gal |
| Craig Selander E | 33.1 | 553B W | Soybeans 7-10 inch row | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 27 | 85 | 160 | 42 | 304 | 206 | 103 | 284 | 46 | 61 | -20 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 33.1 Entire field | 6620 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7500 gal Spring Subsurface | 210-105-165 | 32.5 Spreadable | 243750 gal |
| Dahlies | 34.4 | 152A W | Soybeans 7-10 inch row | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 18 | 61 | 180 | 120 | 360 | 211 | 105 | 349 | 31 | -15 | -11 | Potassium chloride 0-0-61 | 300 lb Spring Unincorp | 0-0-183 | 34.4 Entire field | 10320 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 7600 gal Spring Subsurface | 213-106-167 | 34.1 Spreadable | 259160 gal |
| DNR Back | 6.7 | 3626A | Corn grain to small grain cover crop | Grass hay Seeding | 3.1-4 | 55 | 195 | NT | 66 | 119 | 160 | 0 | 52 | 196 | 105 | 165 | 36 | 105 | 113 | swine 28-14-22 | 4000 gal Fall Subsurface | 112-56-88 | 6.7 Spreadable | 26800 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3500 gal Summer Unincorp | 60-49-77 | 6.7 Spreadable | 23450 gal |
| DNR Front | 28.4 | 3626A WP | Corn grain to small grain cover crop | Grass hay Seeding | 3.1-4 | 55 | 195 | NT | 75 | 126 | 130 | 0 | 35 | 156 | 84 | 132 | 26 | 84 | 97 | swine 28-14-22 | 3000 gal Fall Subsurface | 84-42-66 | 28.4 Spreadable | 85200 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|--------------------------------------|--|-----------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|-------------------------------------|-----------------------------|-------------------|--------------------|------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| DNR Front | 28.4 | 3626A WP | Corn grain to small grain cover crop | Grass hay Seeding | 3.1-4 | 55 | 195 | NT | 75 | 126 | 130 | 0 | 35 | 156 | 84 | 132 | 26 | 84 | 97 | swine 17-14-22 | 3000 gal Summer Unincorp | 51-42-66 | 28.4 Spreadable | 85200 gal |
| Huesset | 42.6 | 189A W | Winter Rye (forage) to Corn grain | Winter Rye (grain +straw) to annual cover crop | 51-70 | 30 | 50 | NT/NT cvr | 11 | 43 | 40 | 60 | 93 | 46 | 46 | 61 | 6 | -14 | -32 | Diammoniu m phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 42.6 Entire field | 4260 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 42.6 Entire field | 4260 lb |
| JPM Elrose E | 31.5 | 553B W | Winter Rye (forage) to Corn grain | Grass hay Seeding | 3.1-4 | 55 | 195 | NT | 41 | 68 | 130 | 0 | 240 | 162 | 83 | 253 | 32 | 83 | 13 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 31.5 Entire field | 6300 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 3000 gal Fall Subsurfa ce | 84-42-66 | 30 Spreadable | 90000 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3250 gal Summer Unincorp | 55-46-72 | 30 Spreadable | 97500 gal |
| JPM Magnusse n | 50.9 | 553B P | Grass hay Seeding | Grass hay | 3.1-4 | 55 | 195 | None | 17 | 84 | 130 | 0 | 205 | 164 | 111 | 175 | 34 | 111 | -30 | swine 17-14-22 | 4100 gal Spring Unincorp | 70-57-90 | 49.9 Spreadable | 204590 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 4000 gal Summer Unincorp | 68-56-88 | 49.9 Spreadable | 199600 gal |
| JPM T Farm | 68.4 | 553B W | Soybeans 7-10 inch row | Winter Rye (forage) to Corn grain | 2.0-3.5/171-190 | 120 | 270 | NT | 45 | 67 | 160 | 0 | 360 | 202 | 101 | 312 | 42 | 101 | -48 | Potassium chloride 0-0-61 | 250 lb Spring Unincorp | 0-0-153 | 68.4 Entire field | 17100 lb |
| | | | | | | | | | | | | | | | | | | | | swine 28-14-22 | 8000 gal Spring Subsurfa ce | 224-112-176 | 61.8 Spreadable | 494400 gal |
| Loomis N | 12.1 | 553B | Grass hay | Grass hay | 3.1-4 | 55 | 195 | None | 21 | 77 | 160 | 0 | 195 | 183 | 126 | 198 | 23 | 126 | 3 | swine 17-14-22 | 4500 gal Spring Unincorp | 77-63-99 | 12.1 Spreadable | 54450 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|--------------------|-----------|--------------------------------|------------|--------------|------------|------|-----|-----------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|-------------------------------|--------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2027 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Loomis N | 12.1 | 553B | Grass hay | Grass hay | 3.1-4 | 55 | 195 | None | 21 | 77 | 160 | 0 | 195 | 183 | 126 | 198 | 23 | 126 | 3 | swine 17-14-22 | 4500 gal Summer Unincorp | 77-63-99 | 12.1 Spreadable | 54450 gal |
| Loomis Peterson Rd | 2.2 | 553C | Grass hay | Grass hay | 3.1-4 | 55 | 195 | None | 29 | 82 | 160 | 0 | 204 | 183 | 126 | 198 | 23 | 126 | -6 | swine 17-14-22 | 4500 gal Spring Unincorp | 77-63-99 | 2.2 Spreadable | 9900 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 4500 gal Summer Unincorp | 77-63-99 | 2.2 Spreadable | 9900 gal |
| Loomis S | 6 | 553B | Grass hay | Grass hay | 3.1-4 | 55 | 195 | None | 27 | 82 | 130 | 0 | 225 | 163 | 109 | 233 | 33 | 109 | 8 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6 Entire field | 600 lb |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 4000 gal Spring Unincorp | 68-56-88 | 6 Spreadable | 24000 gal |
| | | | | | | | | | | | | | | | | | | | | swine 17-14-22 | 3800 gal Summer Unincorp | 65-53-84 | 6 Spreadable | 22800 gal |
| Waller House | 18.6 | 553B W | Corn grain | Sunflower | 1201-2500 | 20 | 45 | NT | 15 | 75 | 80 | 50 | 0 | 89 | 0 | 0 | 9 | -50 | 0 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 18.6 Entire field | 1860 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 18.6 Entire field | 1860 lb |

350.2 planned Other Crops acres

1,860 planned lb Ammonium sulfate (AMS)

4,260 planned lb Diammonium phosphate (DAP)

46,130 planned lb Potassium chloride

2,058,125 planned gal swine

1,860 planned lb Urea

1,892 total planned acres

Total Planned to be Applied

| Total Manure Volume | Manure App Plan | Remaining Manure |
|---------------------|-----------------|------------------|
| 20 tons | 27 | -7 |
| 8796637 gals | 8,806,813 | -10,176 |

1,860 planned lb Ammonium sulfate (AMS)
 4,260 planned lb Diammonium phosphate (DAP)
 2,149,400 planned gal Farrow
 27 planned ton Incenerator Ash
 73,790 planned lb Potassium chloride
 6,657,413 planned gal swine
 1,860 planned lb Urea

List of fields that need new soil tests before plan year 2028

| | |
|----------------------|------------------|
| Arnie Borchert North | BDC |
| Berglund Home | Bill Tietz |
| C Johnson Middle | Casanova |
| Chouinard Big | Chouinard Small |
| Chouinard West | Craig Selander E |
| Dahlies | Dennis Quimby |
| DNR Back | DNR Front |
| Gary Bohn | Glockzine |
| Herbert East | Home 40 |
| Home S | Huesset |
| JD Glover | Jerry Johnson E |
| Jerry Johnson W | JPM 20 W |
| JPM Bob Johnson S | JPM Chet Elrose |
| JPM Elrose E | JPM Elrose W |
| JPM Herberts | JPM Magnussen |

| | |
|--------------------|----------------------|
| JPM North 20 | JPM Sherriffs |
| JPM Swan Lake | JPM T Farm |
| JPM Wood River N | K Wood |
| Kaslow Arleth 5 | Kaslow North of Road |
| Kaslow S of Road | Larry Anderson 87 |
| Lindgren Y 48 | Loomis N |
| Loomis Peterson Rd | Loomis S |
| Louise Line | Lundberg |
| Matt Olson | Medchill N |
| Ned Erickson | Northstar |
| Rivera | Spook N |
| Spook S | Tom Hinrichs |
| Urban Olson Big | Waller House |

| Tillage Abbreviations | |
|-----------------------|-----------------------------|
| Abbreviation | Tillage |
| None | None |
| NT | No Till |
| NT/NTcvr | No Till, cover crop no till |

NM5: Spreading and Nutrient Management Sorted By Crop Report

| | |
|--|-----------------------|
| Crop Year | 2023 |
| 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

| First Year Corn Grain Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|-----------|---------------|-------|---------------------|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------------------|------------------------|-------------------|----------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Craig Selander E | 33.1 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 27 | 85 | 100 | 27 | 43 | 147 | 44 | 122 | 47 | 17 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 33.1 Entire field | 99 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 33.1 Entire field | 2482 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 33.1 Entire field | 2648 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 33.1 Entire field | 6620 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 33.1 Entire field | 8275 lb |
| Dahlies | 34.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 61 | 100 | 70 | 73 | 137 | 77 | 122 | 37 | 7 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 34.4 Entire field | 103 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Dahlies | 34.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 61 | 100 | 70 | 73 | 137 | 77 | 122 | 37 | 7 | 49 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 34.4 Entire field | 2580 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 34.4 Entire field | 5160 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 34.4 Entire field | 6880 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 34.4 Entire field | 6880 lb |
| Gary Bohn | 7.4 | 553C | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 25 | 71 | 100 | 27 | 43 | 147 | 44 | 122 | 47 | 17 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 7.4 Entire field | 22 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 7.4 Entire field | 555 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 7.4 Entire field | 592 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 7.4 Entire field | 1480 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 7.4 Entire field | 1850 lb |
| Glockzine | 36.3 | 152A WP | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 39 | 100 | 100 | 73 | 137 | 77 | 122 | 37 | -23 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 36.3 Entire field | 109 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 36.3 Entire field | 2722 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|------------------------------------|-------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Glockzine | 36.3 | 152A WP | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 11 | 39 | 100 | 100 | 73 | 137 | 77 | 122 | 37 | -23 | 49 | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 36.3 Entire field | 5445 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 36.3 Entire field | 7260 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 36.3 Entire field | 7260 lb |
| JPM Bob Johnson S | 101.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 77 | 117 | 100 | 0 | 0 | 133 | 8 | 61 | 33 | 8 | 61 | 7-23-1-0 7-23-1 | 3 gal Spring Subsurface | 2-8-0 | 101.4 Entire field | 304 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 101.4 Entire field | 7605 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 101.4 Entire field | 10140 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 101.4 Entire field | 25350 lb |
| JPM Chet Elrose | 165.9 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 54 | 100 | 70 | 73 | 137 | 77 | 122 | 37 | 7 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 165.9 Entire field | 498 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 165.9 Entire field | 12442 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 165.9 Entire field | 24885 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 165.9 Entire field | 33180 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| JPM Chet Elrose | 165.9 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 20 | 54 | 100 | 70 | 73 | 137 | 77 | 122 | 37 | 7 | 49 | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 165.9 Entire field | 33180 lb |
| JPM Elrose W | 22.4 | 553B | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 48 | 100 | 70 | 73 | 137 | 77 | 122 | 37 | 7 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 22.4 Entire field | 67 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 22.4 Entire field | 1680 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 22.4 Entire field | 3360 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 22.4 Entire field | 4480 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 22.4 Entire field | 4480 lb |
| JPM Magnusse n | 50.9 | 553B P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 17 | 84 | 100 | 70 | 43 | 137 | 77 | 122 | 37 | 7 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 50.9 Entire field | 153 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 50.9 Entire field | 3818 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 50.9 Entire field | 7635 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 50.9 Entire field | 10180 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 50.9 Entire field | 10180 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|--------------|---------------|-------|---------------------|------|--|-----|------|-------------------------------------|----|------|--------------|---------------------------------------|-------------------------|-------------------|----------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| JPM North 20 | 20.3 | 553B | Sunflower | Corn grain | 171-190 | 70 | 50 | NT | 9 | 67 | 125 | 110 | 95 | 137 | 77 | 122 | 12 | -33 | 27 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 20.3 Entire field | 61 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 20.3 Entire field | 1522 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 20.3 Entire field | 3045 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 20.3 Entire field | 4060 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 20.3 Entire field | 4060 lb |
| JPM Swan Lake | 61.4 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 21 | 79 | 100 | 27 | 43 | 157 | 37 | 122 | 57 | 10 | 79 | 7-23-1 7-23-1 | 3 lb Spring Unincorp | 0-1-0 | 61.4 Entire field | 184 lb |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 61.4 Entire field | 4605 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 61.4 Entire field | 4912 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 61.4 Entire field | 12280 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 61.4 Entire field | 16885 lb |
| JPM T Farm | 68.4 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 45 | 67 | 100 | 0 | 73 | 133 | 8 | 61 | 33 | 8 | -12 | 7-23-1-0 7-23-1 | 3 gal Spring Subsurface | 2-8-0 | 68.4 Entire field | 205 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM T Farm | 68.4 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 45 | 67 | 100 | 0 | 73 | 133 | 8 | 61 | 33 | 8 | -12 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 68.4 Entire field | 5130 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 68.4 Entire field | 6840 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 68.4 Entire field | 17100 lb |
| K Wood | 52.6 | 86A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 17 | 71 | 100 | 70 | 43 | 137 | 77 | 122 | 37 | 7 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 52.6 Entire field | 158 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 52.6 Entire field | 3945 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 52.6 Entire field | 7890 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 52.6 Entire field | 10520 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 52.6 Entire field | 10520 lb |
| Kaslow Arleth 5 | 27.3 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 61 | 100 | 100 | 73 | 137 | 77 | 122 | 37 | -23 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 27.3 Entire field | 82 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 27.3 Entire field | 2048 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 27.3 Entire field | 4095 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Kaslow Arleth 5 | 27.3 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 61 | 100 | 100 | 73 | 137 | 77 | 122 | 37 | -23 | 49 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 27.3 Entire field | 5460 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 27.3 Entire field | 5460 lb |
| Kaslow North of Road | 31.3 | 189A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 14 | 81 | 100 | 100 | 43 | 137 | 77 | 122 | 37 | -23 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 31.3 Entire field | 94 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 31.3 Entire field | 2348 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 31.3 Entire field | 4695 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 31.3 Entire field | 6260 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 31.3 Entire field | 6260 lb |
| Kaslow S of Road | 48.2 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 73 | 100 | 70 | 43 | 137 | 77 | 122 | 37 | 7 | 79 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 48.2 Entire field | 145 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 48.2 Entire field | 3615 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 48.2 Entire field | 7230 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 48.2 Entire field | 9640 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|------------------------------------|-------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Kaslow S of Road | 48.2 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 18 | 73 | 100 | 70 | 43 | 137 | 77 | 122 | 37 | 7 | 79 | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 48.2 Entire field | 9640 lb |
| Loomis N | 12.1 | 553B | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 21 | 77 | 100 | 27 | 73 | 137 | 77 | 122 | 37 | 50 | 49 | 7-23-1-0 7-23-1 | 3 gal Spring Unincorp | 2-8-0 | 12.1 Entire field | 36 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 12.1 Entire field | 908 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 150 lb Spring Unincorp | 27-69-0 | 12.1 Entire field | 1815 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 12.1 Entire field | 2420 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 200 lb Summer Unincorp | 92-0-0 | 12.1 Entire field | 2420 lb |
| Loomis Peterson Rd | 2.2 | 553C | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 29 | 82 | 100 | 27 | 73 | 133 | 8 | 61 | 33 | -19 | -12 | 7-23-1-0 7-23-1 | 3 gal Spring Subsurface | 2-8-0 | 2.2 Entire field | 7 gal |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 2.2 Entire field | 165 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 2.2 Entire field | 220 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 2.2 Entire field | 550 lb |
| Loomis S | 6 | 553B | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 27 | 82 | 100 | 27 | 73 | 133 | 8 | 61 | 33 | -19 | -12 | 7-23-1-0 7-23-1 | 3 gal Spring Subsurface | 2-8-0 | 6 Entire field | 18 gal |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Loomis S | 6 | 553B | Soybeans to small grain cover crop | Corn grain | 171-190 | 70 | 50 | NT | 27 | 82 | 100 | 27 | 73 | 133 | 8 | 61 | 33 | -19 | -12 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 6 Entire field | 450 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6 Entire field | 600 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 6 Entire field | 1500 lb |
| Louise Line | 8.7 | 152A W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 15 | 96 | 100 | 100 | 43 | 157 | 37 | 122 | 57 | -63 | 79 | 7-23-1 7-23-1 | 3 lb Spring Unincorp | 0-1-0 | 8.7 Entire field | 26 lb |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 8.7 Entire field | 652 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 8.7 Entire field | 696 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 8.7 Entire field | 1740 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 8.7 Entire field | 2392 lb |
| Matt Olson | 21.4 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 26 | 84 | 100 | 27 | 43 | 157 | 37 | 122 | 57 | 10 | 79 | 7-23-1 7-23-1 | 3 lb Spring Unincorp | 0-1-0 | 21.4 Entire field | 64 lb |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 21.4 Entire field | 1605 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 21.4 Entire field | 1712 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|------|--|-----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Matt Olson | 21.4 | 553C P | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 26 | 84 | 100 | 27 | 43 | 157 | 37 | 122 | 57 | 10 | 79 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 21.4 Entire field | 4280 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 21.4 Entire field | 5885 lb |
| Ned Erickson | 41.4 | 3448 B P | Sunflower | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 87 | 106 | 130 | 0 | 7 | 131 | 0 | 61 | 1 | 0 | 54 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 41.4 Entire field | 3105 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 41.4 Entire field | 4140 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 250 lb Summer Unincorp | 115-0-0 | 41.4 Entire field | 10350 lb |
| Spook N | 14.1 | 553B W | Grass hay | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 7 | 26 | 125 | 110 | 95 | 157 | 37 | 122 | 32 | -73 | 27 | 7-23-1 7-23-1 | 3 lb Spring Unincorp | 0-1-0 | 14.1 Entire field | 42 lb |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 14.1 Entire field | 1058 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 14.1 Entire field | 1128 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 14.1 Entire field | 2820 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 14.1 Entire field | 3878 lb |
| Spook S | 15 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 65 | 100 | 70 | 73 | 157 | 37 | 122 | 57 | -33 | 49 | 7-23-1 7-23-1 | 3 lb Spring Unincorp | 0-1-0 | 15 Entire field | 45 lb |
| | | | | | | | | | | | | | | | | | | | | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 15 Entire field | 1125 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| First Year Corn Grain Fields | | | | | Crop Removal | | | Soil Test ppm | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|------------------------------|-----------|--------------------------------|------------------------------------|--------------------------------------|--------------|------|-----|---------------|-------|---------------------|-----|--|-----|-----|-------------------------------------|-----|----|--------------|-----|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Spook S | 15 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 16 | 65 | 100 | 70 | 73 | 157 | 37 | 122 | 57 | -33 | 49 | Diammonium phosphate (DAP) 18-46-0 | 80 lb Spring Unincorp | 14-37-0 | 15 Entire field | 1200 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 15 Entire field | 3000 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 15 Entire field | 4125 lb |
| Urban Olson Big | 28.6 | 553B W | Soybeans to small grain cover crop | Corn grain to small grain cover crop | 171-190 | 70 | 50 | NT/NTc vr | 50 | 112 | 100 | 0 | 0 | 127 | 1 | 122 | 27 | 1 | 122 | 7-23-1 7-23-1 | 3 lb Spring Subsurface | 0-1-0 | 28.6 Entire field | 86 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 28.6 Entire field | 5720 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 275 lb Summer Unincorp | 127-0-0 | 28.6 Entire field | 7865 lb |

910.8 planned First Year Corn Grain acres 448 planned lb 7-23-1
 2,161 planned gal 7-23-1-0
 66,165 planned lb Ammonium sulfate (AMS)
 88,143 planned lb Diammonium phosphate (DAP)
 160,220 planned lb Potassium chloride
 206,345 planned lb Urea

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | | | | | | | | | | | | |
|------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|-------------------------------|-----------------------|-------------------|--------------------|-----------|--|--|--|--|--|--|--|------------------------------------|---------------------------|------------------------|-------------------|-------------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt | | | | | | | | | | | | |
| BDC | 41.7 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 130 | 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 41.7 | | | | | | | | | | | | | |
| Berglund Home | 9.8 | 82B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 71 | 123 | 0 | 0 | 0 | 16 | 0 | 61 | 16 | 0 | 61 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 9.8 Entire field | 735 lb | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 9.8 Entire field | 980 lb |
| Bill Tietz | 6.2 | 553B | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 36-45 | 30 | 55 | NT/NT cvr | 21 | 26 | 0 | 6 | 73 | 34 | 46 | 122 | 34 | 40 | 49 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 6.2 Entire field | 465 lb | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 6.2 Entire field | 620 lb |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 6.2 Entire field |
| C Johnson Middle | 57.7 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 13 | 54 | 0 | 70 | 88 | 34 | 46 | 122 | 34 | -24 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 57.7 Entire field | 4328 lb | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 57.7 Entire field | 5770 lb |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 57.7 Entire field |
| Casanova | 33 | 3626A P | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 120 | 128 | 0 | 0 | 0 | 16 | 0 | 61 | 16 | 0 | 61 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 33 Entire field | 2475 lb | | | | | | | | | | | | |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|-----------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Casanova | 33 | 3626A P | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 120 | 128 | 0 | 0 | 0 | 16 | 0 | 61 | 16 | 0 | 61 | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 33 Entire field | 3300 lb |
| Chouinard Big | 43 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 69 | 82 | 0 | 0 | 34 | 16 | 0 | 61 | 16 | 0 | 27 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 43 Entire field | 3225 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 43 Entire field | 4300 lb |
| Chouinard Small | 9.1 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 74 | 58 | 0 | 0 | 79 | 16 | 0 | 61 | 16 | 0 | -18 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 9.1 Entire field | 682 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 9.1 Entire field | 910 lb |
| Chouinard West | 32.2 | 3448B P | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 80 | 97 | 0 | 0 | 0 | 16 | 0 | 61 | 16 | 0 | 61 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 32.2 Entire field | 2415 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 32.2 Entire field | 3220 lb |
| Dennis Quimby | 20.6 | 553B W | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 25 | 73 | 0 | 20 | 100 | 34 | 46 | 122 | 34 | 26 | 22 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 20.6 Entire field | 1545 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 20.6 Entire field | 2060 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 20.6 Entire field | 4120 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------|-----------|--------------------------------|--|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| DNR Back | 6.7 | 3626A | Winter Rye (grain +straw) to annual cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 66 | 119 | 0 | 0 | 17 | 16 | 0 | 61 | 16 | 0 | 44 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 6.7 Entire field | 502 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 6.7 Entire field | 670 lb |
| Herbert East | 12.4 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 27 | 89 | 0 | 40 | 34 | 34 | 46 | 122 | 34 | 6 | 88 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 12.4 Entire field | 930 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 12.4 Entire field | 1240 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 12.4 Entire field | 2480 lb |
| Home 40 | 28.4 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 17 | 74 | 0 | 70 | 88 | 34 | 46 | 122 | 34 | -24 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 28.4 Entire field | 2130 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 28.4 Entire field | 2840 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 28.4 Entire field | 5680 lb |
| Home S | 29.3 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 40 | 82 | 0 | 0 | 88 | 16 | 0 | 122 | 16 | 0 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 29.3 Entire field | 2198 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 29.3 Entire field | 5860 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | |
|-----------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-----------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| Huesset | 42.6 | 189A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 11 | 43 | 0 | 70 | 88 | 34 | 46 | 122 | 34 | -24 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 42.6 Entire field | 3195 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 42.6 Entire field | 4260 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 42.6 Entire field | 8520 lb |
| JD Glover | 19.2 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 53 | 100 | 0 | 0 | 0 | 16 | 0 | 122 | 16 | 0 | 122 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 19.2 Entire field | 1440 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 19.2 Entire field | 3840 lb |
| Jerry Johnson E | 26.1 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 80 | 0 | 40 | 58 | 34 | 46 | 122 | 34 | 6 | 64 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 26.1 Entire field | 1958 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 26.1 Entire field | 2610 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 26.1 Entire field | 5220 lb |
| Jerry Johnson W | 29.8 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 89 | 0 | 40 | 58 | 34 | 46 | 122 | 34 | 6 | 64 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 29.8 Entire field | 2235 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | | |
|-----------------|-----------|--------------------------------|--|------------------------------------|------------|------|-----|-----------|-----------|-------|---------------------|------|-----|--|------|-----|-------------------------------------|------|-----|------------------------------------|------------------------|-------------------|------------------------------------|---------------------------|------------------------|-------------------|-------------------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt | | | |
| Jerry Johnson W | 29.8 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 89 | 0 | 40 | 58 | 34 | 46 | 122 | 34 | 6 | 64 | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 29.8 Entire field | 2980 lb | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 29.8 Entire field | 5960 lb |
| JPM 20 W | 23.1 | 82B P | Sorghum-sudan forage to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 66 | 110 | 0 | 0 | 70 | 0 | 0 | 122 | 0 | 0 | 52 | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 23.1 Entire field | 4620 lb | | | |
| JPM Elrose E | 31.5 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 41 | 68 | 0 | 0 | 88 | 16 | 0 | 122 | 16 | 0 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 31.5 Entire field | 2362 lb | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 31.5 Entire field | 6300 lb |
| JPM Herberts | 25 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 63 | 141 | 0 | 0 | 0 | 16 | 0 | 122 | 16 | 0 | 122 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 25 Entire field | 1875 lb | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 25 Entire field | 5000 lb |
| JPM Sherriffs | 20.3 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 15 | 50 | 0 | 70 | 88 | 34 | 46 | 122 | 34 | -24 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 20.3 Entire field | 1522 lb | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 20.3 Entire field | 2030 lb |
| | | | | | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 20.3 Entire field |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|-------------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P205 | K20 | Tillage | Avg P | Avg K | N | P205 | K20 | N | P205 | K20 | N | P205 | K20 | Product Name and Analysis | Rate and Method | N-P205-K20 credit | App Acres and Time | Total Amt |
| JPM Wood River N | 65.7 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 15 | 65 | 0 | 70 | 88 | 34 | 46 | 122 | 34 | -24 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 65.7 Entire field | 4928 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 100 lb Spring Unincorp | 18-46-0 | 65.7 Entire field | 6570 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 65.7 Entire field | 13140 lb |
| Larry Anderson 87 | 14.6 | 3626A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 40 | 104 | 0 | 18 | 0 | 16 | 0 | 122 | 16 | -18 | 122 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 14.6 Entire field | 1095 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 14.6 Entire field | 2920 lb |
| Lundberg | 111.4 | 553B W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 20 | 58 | 0 | 40 | 88 | 25 | 23 | 122 | 25 | -17 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 111.4 Entire field | 8355 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 50 lb Spring Unincorp | 9-23-0 | 111.4 Entire field | 5570 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 111.4 Entire field | 22280 lb |
| Medchill N | 84 | 3448B P | Corn grain to small grain cover crop | Soybeans 7-10 inch row | 46-55 | 40 | 70 | NT | 133 | 126 | 0 | 0 | 0 | 16 | 0 | 122 | 16 | 0 | 122 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 84 Entire field | 6300 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 84 Entire field | 16800 lb |

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

| Soybean Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | |
|----------------|-----------|--------------------------------|--------------------------------------|------------------------------------|------------|------|-----|-----------|-------|---------------------|---|------|--|----|------|-------------------------------------|----|------|--------------|------------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Northstar | 27.7 | 3448B P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 79 | 82 | 0 | 0 | 34 | 16 | 0 | 122 | 16 | 0 | 88 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 27.7 Entire field | 2078 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 27.7 Entire field | 5540 lb |
| Rivera | 25.8 | 553C P | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 24 | 66 | 0 | 18 | 88 | 25 | 23 | 122 | 25 | 5 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 25.8 Entire field | 1935 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 50 lb Spring Unincorp | 9-23-0 | 25.8 Entire field | 1290 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 25.8 Entire field | 5160 lb |
| Tom Hinrichs | 39.8 | 152A W | Corn grain to small grain cover crop | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 16 | 53 | 0 | 40 | 88 | 25 | 23 | 122 | 25 | -17 | 34 | Ammonium sulfate (AMS) 21-0-0 | 75 lb Spring Unincorp | 16-0-0 | 39.8 Entire field | 2985 lb |
| | | | | | | | | | | | | | | | | | | | | Diammonium phosphate (DAP) 18-46-0 | 50 lb Spring Unincorp | 9-23-0 | 39.8 Entire field | 1990 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 200 lb Spring Unincorp | 0-0-122 | 39.8 Entire field | 7960 lb |
| Waller House | 18.6 | 553B W | Corn grain | Soybeans to small grain cover crop | 46-55 | 40 | 70 | NT/NT cvr | 15 | 75 | 0 | 70 | 100 | 0 | 0 | 0 | 0 | -70 | -100 | | | | 18.6 | |

935.3 planned Soybean acres

63,892 planned lb Ammonium sulfate (AMS)

SnapPlus Spreading and Nutrient Management Sorted By Crop Report

39,830 planned lb Diammonium phosphate (DAP)

161,620 planned lb Potassium chloride

| Other Crops Fields | | | | Crop Removal | | | | Soil Test | | Adjusted Recs lb/ac | | Planned Applications and Credits lb/ac | | | Over(+) Under(-) Adj. UW Recs lb/ac | | | Applications | | | | | | |
|----------------------|-----------|--------------------------------|--|--------------|------------|------|-----|-----------|-------|---------------------|-----|--|-----|----|-------------------------------------|-----|-----|--------------|-----|-------------------------------|------------------------|-------------------|--------------------|-----------|
| Name | Field Ac. | Soil Map Symbol (pred) & N Res | Prior Crop | 2023 Crop | Yield Goal | P2O5 | K2O | Tillage | Avg P | Avg K | N | P2O5 | K2O | N | P2O5 | K2O | N | P2O5 | K2O | Product Name and Analysis | Rate and Method | N-P2O5-K2O credit | App Acres and Time | Total Amt |
| Arnie Borchert North | 5.4 | 3626A | Corn grain to small grain cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 78 | 89 | 80 | 0 | 9 | 67 | 0 | 61 | -13 | 0 | 52 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 5.4 Entire field | 540 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 5.4 Entire field | 540 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 5.4 Entire field | 540 lb |
| DNR Front | 28.4 | 3626A WP | Winter Rye (grain +straw) to annual cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 75 | 126 | 80 | 0 | 7 | 67 | 0 | 0 | -13 | 0 | -7 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Summer Unincorp | 21-0-0 | 28.4 Entire field | 2840 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Summer Unincorp | 46-0-0 | 28.4 Entire field | 2840 lb |
| Lindgren Y 48 | 12.1 | 553B | Soybeans to small grain cover crop | Sunflower | 1201-2500 | 20 | 45 | NT | 27 | 72 | 100 | 7 | 53 | 87 | 0 | 61 | -13 | -7 | 8 | Ammonium sulfate (AMS) 21-0-0 | 100 lb Spring Unincorp | 21-0-0 | 12.1 Entire field | 1210 lb |
| | | | | | | | | | | | | | | | | | | | | Potassium chloride 0-0-61 | 100 lb Spring Unincorp | 0-0-61 | 12.1 Entire field | 1210 lb |
| | | | | | | | | | | | | | | | | | | | | Urea 46-0-0 | 100 lb Spring Unincorp | 46-0-0 | 12.1 Entire field | 1210 lb |
| | | | | | | | | | | | | | | | | | | | | legume | | 20-0-0 | | |

45.9 planned Other Crops acres

4,590 planned lb Ammonium sulfate (AMS)

1,750 planned lb Potassium chloride

4,590 planned lb Urea

1,892 total planned acres

| Total Manure Volume | Manure App Plan | Remaining Manure |
|---------------------|-----------------|------------------|
| 0 tons | 0 | 0 |
| 0 gals | 0 | 0 |

448 planned lb 7-23-1
 2,161 planned gal 7-23-1-0
 134,648 planned lb Ammonium sulfate (AMS)
 127,973 planned lb Diammonium phosphate (DAP)
 323,590 planned lb Potassium chloride
 210,935 planned lb Urea

List of fields that need new soil tests before plan year 2024

JPM Chet Elrose

| Tillage Abbreviations | |
|------------------------------|-----------------------------|
| Abbreviation | Tillage |
| None | None |
| NT | No Till |
| NT/Dcvr | No Till, cover crop disked |
| NT/NTcvr | No Till, cover crop no till |