

2019 FERTILIZER & CHEMICAL PLAN

| BEETS (1,186 acres) | | | | | |
|-----------------------------------|--------------------------|---------|--------------------------------------|--|---|
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Home West 294 (CCC) | VRT (S); None (N) | 1 | 30 lbs Cover crop w/fert | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz; Quadris | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Norms 156 (CCC) | VRT | 1 | | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz SIDE DRESS FERT | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Lee 166 (FCOC) | 90-30-0 (N)/50-40-0 (S) | 1 | 30 lbs Cov. crop/5.68 oz Azteroid N | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Colfax East 111 (CCC) | VRT | Disk | 30 lbs Cover crop w/fert | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz + Stinger 6oz (50N) |
| Docs 51 (CCC) | VRT | 2 | 30 lbs Cover Crop w/fert | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz + Stinger 6oz (50N) |
| Schmidt 122 (CCC) | VRT | 2 | 30 lbs Cover Crop w/fert | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz + Stinger 6oz (50N) |
| Lake Lillian Brians 84 (CCC) | 90-20-0 | 2 | 30 lbs Cover crop w/fert + Dual 1 pt | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Lake Lillian NW 132 (CCC) | 90-20-0 | 2 | 30 lbs Cover crop w/fert + Dual 1 pt | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Lake Lillian SE 26 (CCC) | 90-20-0 | 2 | 30 lbs Cover crop w/fert + Dual 1 pt | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| Lake Lillian SW 22 (CCC) | 90-20-0 | 2 | 30 lbs Cover crop w/fert + Dual 1 pt | Comerstone 44 oz +Ntense 5 oz + Outlook 12 oz +Stinger 6 oz | Comerstone 44 oz + Ntense 5 oz + Outlook 12 oz |
| CORN (2,189 acres) | | | | | |
| Site | | Digging | | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Home East 164 (CCC) | Borders: 150-80-80 | 2 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Hausers 254 (CCC) | | 2 | Verdict 13 oz | Liberty 32oz + AMS 3 lbs | |
| Hausers Dairy 27 & NE 19 | | 2 | Verdict 13 oz | Laudis 3 oz + AMS 3 lbs | |
| Strandberg 134 (CCC) | 155-80-50 | 2 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Sisters 230 (CCC) | Borders: 150-80-80 | 1 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Swenson 66 (CCC) | VRT | 1 | Verdict 13 oz | Laudis 3 oz + AMS 3 lbs | |
| Clints 60 (CCC) | | 2 | Verdict 13 oz | Laudis 2 oz + AMS 3 lbs | |
| Harolds 51 (CCC) | Borders: 150-80-80 | 2 | | Liberty 32oz + Laudis 2 oz + AMS 3 lbs | |
| Walrath 170 (CCC) | Borders: 150-80-80 | 2 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Bergstrom 72 (CCC) | Borders: 150-80-80 | 2 | Verdict 13 oz | Laudis 3 oz + AMS 3 lbs | |
| Schwanke 75 (CCC) | VRT | 2 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Hanning 194 (CCC) | | 1 | | Liberty 32oz + Laudis 2oz + AMS 3 lbs | |
| Hagen/Carlson 212 (CCC) | VRT/30-80-90-20S dryland | 1 | | Comerstone 32oz + Sterling Blue 8oz + Warrant 64oz + AMS 3lbs | (110N) |
| Skare North 39 (CCC) | 60-90-30-20S | Plow/2 | | Comerstone 32oz + Sterling Blue 8oz + Warrant 64oz + AMS 3lbs | (110N) |
| Nicholson 236 | VRT/6 GPA Starter | No-Till | | Comerstone 32oz + Sterling Blue 8oz + Warrant 64oz + AMS 3lbs (100N) | (120N) |
| Power Station 14 | | 1 | | Liberty 32oz + Laudis 2 oz + AMS 3 lbs | |
| Mikes 172 (CCC) | | 2 | Verdict 13 oz | Liberty 32oz + AMS 3 lbs | |
| KIDNEY BEANS (898 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Ruter 136 (CCC) | VRT | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs (40N) |
| Big Bend 340 (FCOC) | 90-55-25-3 Zn | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs |
| Visser 210 (CCC) | 70-70-70 | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs |
| Lake Lillian NE 121 (CCC) | 70-70-70 | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs |
| Lake Lillian SE 46 (CCC) | 70-70-70 | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs |
| Lake Lillian SW 46 (CCC) | 70-70-70 | 2 | 3 pts Sonolan | Varisto 8oz + Shadow 4oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs | Varisto 8 oz + Shadow 4 oz + Reflex 4oz + SuperbHC 1pt + AMS 2.5lbs |
| SWEET CORN (158 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Lundgren 92 (CCC) | Hog Manure 4k gal | 2 | Harness 2.4 pts | Laudis 3oz + Destiny .75 pt + AMS 1.5lbs | |
| Ennenga 66 (CCC) | | 1 | Harness 2.4 pts | Laudis 3oz + Destiny .75 pt + AMS 1.5lbs | |
| PEAS (65 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Skare South 65 (CCC) | 60-0-25 | 1 | 3 pts Sonolan | | |
| SOYBEANS (569 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Marks 168 | | 1 | | Liberty 32oz + AMS 1.5lbs | Liberty 32oz + AMS 1.5lbs |
| Leroys 183 | | 2 | | Liberty 32oz + AMS 1.5lbs | Liberty 32oz + AMS 1.5lbs |
| Steffens 160 | | 1 | | Liberty 32oz + AMS 1.5lbs | Liberty 32oz + AMS 1.5lbs |
| Schmidt West 29 | | No-Till | | Comerstone 32 oz + Ntense 5 oz | Comerstone 32 oz + Ntense 5 oz |
| Docs 29 | | No-Till | | Comerstone 32 oz + Ntense 5 oz | Comerstone 32 oz + Ntense 5 oz |
| ALFALFA (775 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Home East 132 | | | | | |
| Travelers 130 | | | | | |
| Nygards 70 | | | | | |
| Colfax/Skare/Schmidt 49 | | | | | |
| Daryls 90 | | | | | |
| Harolds 60 | | | | | |
| Petersens 110 | | | | | |
| Carolyns 116 (FCOC) | VRT | 2 | Airseed & Drag | Comerstone 36 oz + Ntense 5 oz | |
| Nicholson 18 (CCC) | | No-Till | Drill | Comerstone 36 oz + Ntense 5 oz | |
| INDUSTRIAL HEMP (65 acres) | | | | | |
| Site | Fertilizer | Digging | Pre-plant/pre-emerge chems | Summer Application #1 (all rates per acre unless specified) | Summer Application #2 |
| Anderson 65 (Organic) | 2 T Litter | Plow/3 | | | |