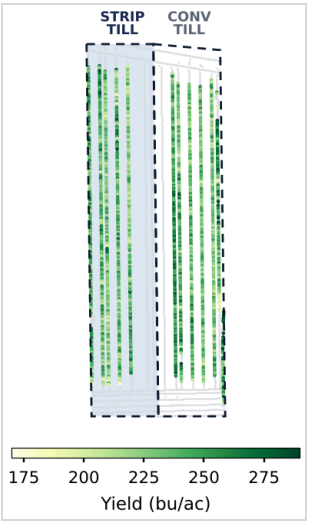
# Strip-Till vs. Conventional Tillage.

Side-by-side tillage blocks at Danforth. The main comparison uses equal 240-ft bands on each side of the tillage line, which keeps the conventional ground north of the house and around the trees out.

removed in cleanup · fungicide/insecticide or strip-till area · trial-area boundary




## Corn · Hoegemeyer 8014PCE · SE 40

### YIELD MONITOR

| AREA | YIELD, BU/AC | MOIST. | ACRES | POINTS |
|---|---|---|---|---|
| Strip-till · 240 ft along the line | **234.2** | 18.9% | 2.5 | 1,080 |
| Conventional · 240 ft along the line | **238.6** | 18.7% | 2.8 | 1,201 |

**+4.4** BU/AC

conventional − strip-till, along the line · whole blocks 234.7 vs. 233.6

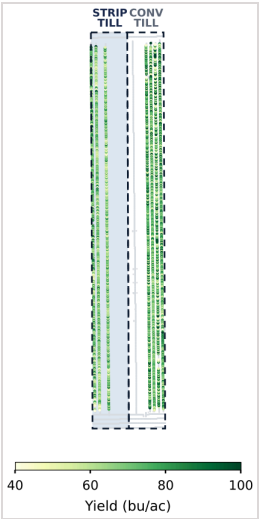
Part of the conventional block was logged as an 8014PCE/7700PCE mix (69C7/67C1); 8014PCE-only conventional ground averaged 238.1. The monitor gap moves with the buffer; the scale shows the two essentially even.

Difference with a 30 / 60 / 90 ft edge buffer: **+2.4 / +4.4 / −0.1** bu/ac

### SCALE WEIGHTS · WEIGH WAGON

| AREA | YIELD, BU/AC | MOIST. | NET LB | BUSHELS | ACRES |
|---|---|---|---|---|---|
| Strip-till · 1,197 ft | **253.9** | 18.9%* | 31,000 | 563.6 | 2.22 |
| Conventional · 1,128 ft | **253.2** | 18.7%* | 30,920 | 562.2 | 2.22 |

Scale difference: **−0.7 bu/ac** (conventional · 1,128 ft − strip-till · 1,197 ft). Net weight ÷ 55 lb/bu ÷ acres.
*Moisture wasn't recorded at the scale; shown from the yield monitor on the same strips.




## Soybeans · Hoegemeyer 2935E · N160

### YIELD MONITOR

| AREA | YIELD, BU/AC | MOIST. | ACRES | POINTS |
|---|---|---|---|---|
| Strip-till · 240 ft along the line | **66.8** | 12.6% | 4.7 | 2,350 |
| Conventional · 240 ft along the line | **73.2** | 12.2% | 6.3 | 3,079 |

**+6.4** BU/AC

conventional − strip-till, along the line · whole blocks 67.3 vs. 73.5

Difference with a 30 / 60 / 90 ft edge buffer: **+5.4 / +6.4 / +6.4** bu/ac

### SCALE WEIGHTS · WEIGH WAGON

| AREA | YIELD, BU/AC | MOIST. | NET LB | BUSHELS | ACRES |
|---|---|---|---|---|---|
| Strip-till · 120 ft | **75.7** | 12.6%* | 30,140 | 502.3 | 6.64 |
| Conventional · 120 ft | **80.9** | 12.2%* | 32,220 | 537.0 | 6.64 |

Scale difference: **+5.2 bu/ac** (conventional · 120 ft − strip-till · 120 ft). Net weight ÷ 60 lb/bu ÷ acres.
*Moisture wasn't recorded at the scale; shown from the yield monitor on the same strips; check passes not in totals — check pass, right on the split: 15,040 lb, 75.5 bu/ac; check pass east of the trial pass: 16,300 lb, 81.8 bu/ac.

Yield monitor cleaned as on the fungicide/insecticide trial pages. One season, one block per system.