## **Operations Summary**

| Year        | 2005                              |  |
|-------------|-----------------------------------|--|
| Farm        | Helm                              |  |
| Field ID    | Field 5 E (Span 2-4) Tillage Test |  |
| Exp. Design |                                   |  |
| Soil Type   |                                   |  |

| Field Operations    | Date       | Activity  |                   |  |
|---------------------|------------|---|-------------------|--|
| Tillage Treatment   | 1/10,11    | Shred Stalks  |                   |  |
|                     | 1/27       | Disked Conventional Tillage   | Field 5E, S2-4    |  |
|                     | 3/7,8      | Listed Conventional Tillage   |                   |  |
|                     | 3/14,15    | Rolling cultivator  |                   |  |
|                     | 3/29       | Stalk puller in No till   | N                 |  |
|                     | 5/17       | Used buffers to even beds before planting in conventional till            |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
| E                   | 0/0.4      |   |                   |  |
| Fertility           | 3/24       | 55 lbs/a P (10-34-0) with coulter rig                                     |                   |  |
|                     | 3/24       | 16.5 lbs/a N ( 10-34-0 ) with coulter rig                                 |                   |  |
|                     | 3/28       | 28 lbs/a N ( 32-0-0 )with coulter rig                                     |                   |  |
|                     | 8/1        | 7.0 lbs /a N ( 32-0-0 ) with pivot  |                   |  |
|                     | 8/2        | 7.0 lbs /a N ( 32-0-0 ) with pivot  |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            | +   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
| Planting            | 5/17       | 56,000 seed per acre NexGen 2448R and ST 4892BR                           |                   |  |
| rianting            | 3/17       | 30,000 Seed per acre. Nex deri 244011 and 31 4092bit                      |                   |  |
| Herbicide/Growth    | 2/25       | 32 oz / a Salvo broadcast on No Till                                      |                   |  |
| Regulator           | 5/20 to 25 | 22 oz Roundup Weather Max + 15.41 oz NH4SO3 /a broadcast on weedy patches |                   |  |
| . togulato.         | 0,20 to 20 |   | an needy paterios |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |
| Insecticide         | 5/17       | 2.5 lbs/a Temik   |                   |  |
|                     |            |   |                   |  |
| Harvest aid         | 10/18      | 1 qt Prep and 8 oz of Def aerially  |                   |  |
| Irrigation Amt.     |            |   |                   |  |
| PrePlant & Planting |            | 0.0 in.   |                   |  |
| Seasonal            | 5/19-8/18  | 3.05 in.  |                   |  |
|                     |            |   |                   |  |
| Rainfall            |            |   |                   |  |
| PrePlant & Planting | 1/1-5/17   | 4.82 in.  |                   |  |
| Seasonal            | 5/15-9/30  | 11.97 in.   |                   |  |
|                     |            |   |                   |  |
|                     |            |   |                   |  |