

Dual Column Trial Report

Nebraska - Cedar

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|---|---------------------------------|
| Tracking Name: OFGC19120058_0005 | Exp Type: Genetic |
| Business Partner: Korth; Gene | County: Cedar |
| State: Nebraska | Planting Date: 5/13/2019 |
| Harvest Date: 10/15/2019 | |

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0046A M | 222.2 | | 19.2 | \$851 | 13 | | | | |
| 2 | Pioneer | P0589A M | 225.7 | | 19.6 | \$861 | 11 | | | | |
| 3 | Pioneer | P0421A M | 226.7 | | 19.1 | \$870 | 10 | | | | |
| 4 | Pioneer | P0339A M | 206.8 | | 18.8 | \$796 | 16 | | | | |
| 5 | Pioneer | P0622A ML | 231.1 | | 19.3 | \$885 | 5 | | | | |
| 6 | Pioneer | P0688A M | 224.0 | | 20.2 | \$849 | 12 | | | | |
| 7 | Pioneer | P0919A M | 218.1 | | 21.8 | \$813 | 15 | | | | |
| 8 | Pioneer | P0950A M | 229.0 | | 21.6 | \$856 | 7 | | | | |
| 9 | Pioneer | P1082A M | 245.2 | | 22.5 | \$907 | 1 | | | | |
| 10 | Pioneer | P1089A MXT | 228.4 | | 23.2 | \$839 | 8 | | | | |
| 11 | Pioneer | P1108Q | 229.8 | | 23.4 | \$842 | 6 | | | | |
| 12 | Pioneer | P1138A M | 236.5 | | 23.2 | \$868 | 3 | | | | |
| 13 | Pioneer | P1197A M | 220.0 | | 23.3 | \$807 | 14 | | | | |
| 14 | Pioneer | P1244A M | 232.8 | | 23.3 | \$854 | 4 | | | | |
| 15 | Pioneer | P1366A M | 240.5 | | 21.9 | \$896 | 2 | | | | |
| 16 | Pioneer | P1379A M | 227.4 | | 21.8 | \$848 | 9 | | | | |

Nebraska - Cedar

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|---|--------------------------------|
| Tracking Name: OFGC19120167_0004 | Exp Type: Genetic |
| Business Partner: Arens; Dennis | County: Cedar |
| State: Nebraska | Planting Date: 5/7/2019 |
| Harvest Date: 10/9/2019 | |

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|----------------|------------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Channel | 216-36DGV2PRIB | 258.8 | | 24.1 | \$941 | 16 | | | | |
| 2 | Channel | 205-63VT2PRIB | 239.6 | | 21.6 | \$895 | 31 | | | | |
| 3 | DeKalb | DKC56-45RIB | 231.1 | | 20.8 | \$871 | 32 | | | | |
| 4 | Pioneer | P0622A ML | 260.9 | | 19.9 | \$992 | 11 | | | | |
| 5 | Channel | 207-90VT2PRIB | 248.4 | | 21.4 | \$930 | 25 | | | | |
| 6 | Golden Harvest | G08D29-3120EZ R | 255.2 | | 23.7 | \$932 | 20 | | | | |
| 7 | DeKalb | DKC58-34RIB | 239.7 | | 21.7 | \$895 | 30 | | | | |
| 8 | Channel | 209-15VT2PRIB | 225.0 | | 21.1 | \$845 | 33 | | | | |
| 9 | LG Seeds | LG59C66VT2PRIB | 260.2 | | 21.8 | \$970 | 14 | | | | |
| 10 | Golden Harvest | G10L16-3330AE ZR | 250.9 | | 25.0 | \$903 | 23 | | | | |
| 11 | LG Seeds | LG60C33VT2PRIB | 254.6 | | 24.1 | \$926 | 21 | | | | |
| 12 | Pioneer | P1082A M | 269.1 | | 24.1 | \$978 | 1 | | | | |
| 13 | Golden Harvest | G11B63-3010A | 267.1 | | 24.8 | \$964 | 5 | | | | |
| 14 | Pioneer | P1108Q | 260.9 | | 26.0 | \$929 | 12 | | | | |

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|----------------|------------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 15 | Pioneer | P1197A M | 267.5 | | 26.2 | \$950 | 2 | | | | |
| 16 | DeKalb | DKC61-40RIB | 257.4 | | 23.1 | \$946 | 19 | | | | |
| 17 | Golden Harvest | G12U17-3010 | 260.9 | | 25.7 | \$932 | 13 | | | | |
| 18 | LG Seeds | LG62C3 5VT2P-RIB | 254.1 | | 24.6 | \$919 | 22 | | | | |
| 19 | Channel | 213-19VT2P RIB | 267.2 | | 24.9 | \$963 | 4 | | | | |
| 20 | Golden Harvest | G13T41-3120EZ R | 248.6 | | 26.0 | \$885 | 24 | | | | |
| 21 | DeKalb | DKC63-57RIB | 247.1 | | 23.4 | \$905 | 26 | | | | |
| 22 | Pioneer | P1366A M | 267.4 | | 24.4 | \$969 | 3 | | | | |
| 23 | DeKalb | DKC63-99RIB | 244.0 | | 25.2 | \$876 | 29 | | | | |
| 24 | Channel | 213-93STXRIB | 257.9 | | 24.7 | \$932 | 17 | | | | |
| 25 | Pioneer | P1379A M | 264.3 | | 24.0 | \$962 | 7 | | | | |
| 26 | DeKalb | DKC64-34RIB | 266.6 | | 24.3 | \$967 | 6 | | | | |
| 27 | LG Seeds | LG5643 VT2PRI B | 259.4 | | 26.8 | \$915 | 15 | | | | |
| 28 | LG Seeds | LG64C3 0TRC | 246.2 | | 23.6 | \$900 | 27 | | | | |
| 29 | Golden Harvest | G15L32-3330EZ R | 264.0 | | 25.4 | \$946 | 8 | | | | |
| 30 | Channel | 215-75VT2P RIB | 257.8 | | 24.7 | \$931 | 18 | | | | |
| 31 | LG Seeds | LG5700 VT2P-RIB | 262.5 | | 24.8 | \$947 | 10 | | | | |
| 32 | DeKalb | DKC55-53RIB | 245.1 | | 20.6 | \$925 | 28 | | | | |
| 33 | DeKalb | DKC60-88RIB | 263.6 | | 23.3 | \$967 | 9 | | | | |

Nebraska - Cedar

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|---|---------------------------------|
| Tracking Name: OFGC19120430_0013 | Exp Type: Genetic |
| Business Partner: Bruening; Dennis | County: Cedar |
| State: Nebraska | Planting Date: 5/13/2019 |
| Harvest Date: 10/28/2019 | |

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | DeKalb | DKC58-35RIB | 244.5 | | 18.2 | \$947 | 10 | | | | |
| 2 | Pioneer | P1197A M | 253.3 | | 19.4 | \$969 | 7 | | | | |
| 3 | Pioneer | P0950A M | 245.9 | | 18.8 | \$946 | 9 | | | | |
| 4 | DeKalb | DKC60-88RIB | 258.7 | | 19.7 | \$986 | 6 | | | | |
| 5 | Pioneer | P1082A M | 262.2 | | 19.9 | \$997 | 4 | | | | |
| 6 | Pioneer | P1366A M | 269.1 | | 19.8 | \$1,025 | 2 | | | | |
| 7 | Pioneer | P1244A M | 261.9 | | 19.6 | \$999 | 5 | | | | |
| 8 | Pioneer | P1108Q | 274.8 | | 19.3 | \$1,052 | 1 | | | | |
| 9 | Pioneer | P0688A M | 247.1 | | 18.0 | \$959 | 8 | | | | |
| 10 | Pioneer | P0622Q | 266.4 | | 17.8 | \$1,036 | 3 | | | | |

Nebraska - Cedar

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|---|--------------------------------|
| Tracking Name: OFGC19124301_0001 | Exp Type: Genetic |
| Business Partner: Arens; Keevin | County: Cedar |
| State: Nebraska | Planting Date: 5/3/2019 |
| Harvest Date: 10/17/2019 | |

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0589A M | 195.2 | | 16.5 | \$769 | 2 | | | | |
| 2 | Pioneer | P0589A M | 204.9 | | 17.4 | \$800 | 1 | | | | |

Nebraska - Cedar

Tracking Name: OFGC19124982_0001 **Exp Type:** Genetic
Business Partner: Albers; Todd **County:** Cedar
State: Nebraska **Planting Date:** 5/14/2019
Harvest Date: 10/28/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|---------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0688A M | 228.6 | | 17.4 | \$892 | 2 | | | | |
| 2 | Pioneer | P0622A ML | 238.1 | | 15.9 | \$944 | 1 | | | | |

Nebraska - Cedar

Tracking Name: OFGC19124992_0001 **Exp Type:** Genetic
Business Partner: Pearl Creek Farms Inc. **County:** Cedar
State: Nebraska **Planting Date:** 5/15/2019
Harvest Date: 10/27/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|---------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1082A M | 246.7 | | 19.5 | \$942 | 1 | | | | |
| 2 | Pioneer | P1366A M | 242.4 | | 19.2 | \$929 | 2 | | | | |

Nebraska - Cedar

Tracking Name: OFGC19125156_0001 **Exp Type:** Genetic
Business Partner: Thoene; Kurt **County:** Cedar
State: Nebraska **Planting Date:** 5/14/2019
Harvest Date: 10/29/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|---------------|------------------|------------|----------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0919A M | 240.3 | | 17.7 | \$935 | 3 | | | | |
| 2 | Pioneer | P1082A M | 259.8 | | 17.8 | \$1,010 | 2 | | | | |
| 3 | Pioneer | P1366A M | 268.7 | | 18.4 | \$1,038 | 1 | | | | |

Nebraska - Cedar

Tracking Name: OFGC19125159_0001 **Exp Type:** Genetic
Business Partner: Ebberson; Jeff **County:** Cedar
State: Nebraska **Planting Date:** 6/7/2019
Harvest Date: 10/29/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|---------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1108Q | 210.7 | | 25.5 | \$754 | 1 | | | | |

Nebraska - Holt

Tracking Name: OFGC19124948_0001 **Exp Type:** Genetic
Business Partner: Brummels; Dan **County:** Holt
State: Nebraska **Planting Date:** 5/14/2019
Harvest Date: 10/22/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|---------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1244A M | 184.3 | | 20.9 | \$694 | 2 | | | | |
| 2 | Pioneer | P1138A M | 195.2 | | 19.9 | \$743 | 1 | | | | |

Nebraska - Knox

Tracking Name: OFGC19120058_0004 **Exp Type:** Genetic
Business Partner: Petersen; James **County:** Knox
State: Nebraska **Planting Date:** 5/17/2019
Harvest Date: 10/27/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0421A M | 203.0 | | 15.9 | \$805 | 14 | | | | |
| 2 | Pioneer | P0622A ML | 227.6 | | 16.5 | \$897 | 11 | | | | |
| 3 | Pioneer | P0688A M | 229.5 | | 17.0 | \$900 | 8 | | | | |
| 4 | Pioneer | P0919A M | 229.2 | | 18.7 | \$883 | 9 | | | | |
| 5 | Pioneer | P0950A M | 231.2 | | 19.1 | \$887 | 7 | | | | |
| 6 | Pioneer | P1082A M | 246.4 | | 19.4 | \$942 | 1 | | | | |
| 7 | Pioneer | P1089A MXT | 220.9 | | 20.0 | \$839 | 13 | | | | |
| 8 | Pioneer | P1138A M | 242.4 | | 20.1 | \$920 | 6 | | | | |
| 9 | Pioneer | P1108Q | 244.0 | | 20.5 | \$922 | 2 | | | | |
| 10 | Pioneer | P1197A M | 243.3 | | 20.4 | \$921 | 4 | | | | |
| 11 | Pioneer | P1244Q | 228.6 | | 20.9 | \$860 | 10 | | | | |
| 12 | Pioneer | P1244A M | 244.0 | | 20.5 | \$922 | 3 | | | | |
| 13 | Pioneer | P1366A M | 243.3 | | 20.8 | \$917 | 5 | | | | |
| 14 | Pioneer | P1379A M | 226.0 | | 20.6 | \$853 | 12 | | | | |

Nebraska - Madison

Tracking Name: OFGC19120090_0002 **Exp Type:** Genetic
Business Partner: Wilken; Matthew **County:** Madison
State: Nebraska **Planting Date:** 5/13/2019
Harvest Date: 10/28/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0421A M | 232.7 | | 16.0 | \$921 | 14 | | | | |
| 2 | Pioneer | P0622A ML | 240.7 | | 16.8 | \$945 | 12 | | | | |
| 3 | Pioneer | P0688A M | 235.7 | | 17.6 | \$918 | 13 | | | | |
| 4 | Pioneer | P0950A M | 246.8 | | 18.2 | \$956 | 10 | | | | |
| 5 | Pioneer | P1082A M | 256.9 | | 19.5 | \$981 | 7 | | | | |
| 6 | Pioneer | P1089A MXT | 245.7 | | 19.6 | \$938 | 11 | | | | |
| 7 | Pioneer | P1138A M | 258.7 | | 18.9 | \$994 | 6 | | | | |
| 8 | Pioneer | P1108Q | 259.8 | | 19.5 | \$992 | 5 | | | | |
| 9 | Pioneer | P1197A M | 263.6 | | 19.1 | \$1,011 | 4 | | | | |
| 10 | Pioneer | P1244A M | 251.4 | | 18.4 | \$971 | 9 | | | | |
| 11 | Pioneer | P1366A M | 269.9 | | 18.9 | \$1,037 | 1 | | | | |
| 12 | Pioneer | P1379A M | 251.7 | | 19.0 | \$967 | 8 | | | | |
| 13 | Pioneer | P1563A M | 268.5 | | 21.3 | \$1,006 | 2 | | | | |
| 14 | Pioneer | P1572A M | 264.2 | | 21.0 | \$993 | 3 | | | | |

Nebraska - Madison

Tracking Name: OFGC19120090_0005 **Exp Type:** Genetic
Business Partner: Kucera; Regan **County:** Madison
State: Nebraska **Planting Date:** 5/17/2019
Harvest Date: 10/18/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|----------|------------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1108Q | 259.3 | | 25.4 | \$929 | 13 | | | | |
| 2 | Pioneer | P1089A MXT | 270.3 | | 21.0 | \$1,016 | 7 | | | | |
| 3 | Pioneer | P0950Q | 270.1 | | 21.3 | \$1,012 | 8 | | | | |
| 4 | Pioneer | P1379A M | 276.7 | | 20.8 | \$1,043 | 4 | | | | |
| 5 | Pioneer | P1366A M | 281.3 | | 20.2 | \$1,067 | 1 | | | | |
| 6 | Pioneer | P1244A M | 275.5 | | 20.6 | \$1,040 | 5 | | | | |
| 7 | Pioneer | P1197A M | 279.6 | | 21.0 | \$1,051 | 2 | | | | |
| 8 | Pioneer | P1138A M | 277.3 | | 20.8 | \$1,045 | 3 | | | | |
| 9 | Pioneer | P1082A M | 268.5 | | 20.3 | \$1,017 | 9 | | | | |
| 10 | Pioneer | P0919A M | 275.5 | | 19.2 | \$1,056 | 6 | | | | |
| 11 | Pioneer | P0688A M | 263.8 | | 17.9 | \$1,025 | 12 | | | | |
| 12 | Pioneer | P0622A ML | 264.9 | | 18.0 | \$1,028 | 11 | | | | |
| 13 | Pioneer | P0421A M | 252.6 | | 18.8 | \$972 | 16 | | | | |
| 14 | LG Seeds | LG62C3 5VT2P-RIB | 256.8 | | 21.6 | \$959 | 14 | | | | |
| 15 | LG Seeds | LG5643 VT2PRI B | 266.5 | | 23.5 | \$975 | 10 | | | | |
| 16 | Channel | 213-19VT2P RIB | 253.1 | | 23.5 | \$926 | 15 | | | | |

Nebraska - Madison

Tracking Name: OFGC19120090_0006 **Exp Type:** Genetic
Business Partner: Preister; Virgil **County:** Madison
State: Nebraska **Planting Date:** 5/6/2019
Harvest Date: 10/17/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1572A M | 213.5 | | 21.5 | \$798 | 6 | | | | |
| 2 | Pioneer | P1563A M | 238.1 | | 21.3 | \$892 | 1 | | | | |
| 3 | Pioneer | P1379A M | 209.6 | | 19.1 | \$804 | 7 | | | | |
| 4 | Pioneer | P1366A M | 219.0 | | 19.7 | \$835 | 3 | | | | |
| 5 | Pioneer | P1244A M | 224.6 | | 18.4 | \$868 | 2 | | | | |
| 6 | Pioneer | P1197A M | 208.7 | | 19.8 | \$795 | 9 | | | | |
| 7 | Pioneer | P1108Q | 217.6 | | 18.7 | \$838 | 4 | | | | |
| 8 | Pioneer | P1089A MXT | 207.1 | | 18.5 | \$799 | 11 | | | | |
| 9 | Pioneer | P1082A M | 215.9 | | 20.3 | \$818 | 5 | | | | |
| 10 | Pioneer | P0950A M | 194.3 | | 18.1 | \$753 | 13 | | | | |
| 11 | Pioneer | P0688A M | 200.2 | | 18.6 | \$772 | 12 | | | | |
| 12 | Pioneer | P0622A ML | 208.9 | | 17.7 | \$813 | 8 | | | | |
| 13 | Pioneer | P0421A M | 207.8 | | 17.6 | \$810 | 10 | | | | |

Nebraska - Madison

Tracking Name: OFGC19124623_0001 **Exp Type:** Genetic
Business Partner: Pfeifer; Thomas **County:** Madison
State: Nebraska **Planting Date:** 5/4/2019
Harvest Date: 10/23/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0707A M | 213.5 | | 17.1 | \$836 | 7 | | | | |
| 2 | Pioneer | P1366A M | 241.7 | | 18.5 | \$933 | 4 | | | | |
| 3 | DeKalb | DKC63-57RIB | 241.8 | | 19.5 | \$924 | 3 | | | | |
| 4 | DeKalb | DKC63-57RIB | 246.1 | | 18.0 | \$955 | 1 | | | | |
| 5 | Seitec | 6433G2 Pro | 240.5 | | 19.0 | \$924 | 5 | | | | |
| 6 | Seitec | 6433G2 Pro | 238.6 | | 19.7 | \$910 | 6 | | | | |
| 7 | Pioneer | P1366A M | 244.9 | | 18.8 | \$942 | 2 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19120036_0041 **Exp Type:** Genetic
Business Partner: Halsey; Steven **County:** Pierce
State: Nebraska **Planting Date:** 5/4/2019
Harvest Date: 10/15/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0421A M | | | | | | | | | |
| 2 | Pioneer | P0622A ML | 240.0 | | 16.2 | \$948 | 13 | | | | |
| 3 | Pioneer | P0688A M | 227.8 | | 15.9 | \$903 | 15 | | | | |
| 4 | Pioneer | P0950A M | 237.1 | | 16.0 | \$939 | 14 | | | | |
| 5 | Pioneer | P1082A M | 250.9 | | 19.5 | \$958 | 10 | | | | |
| 6 | Pioneer | P1089A MXT | 241.8 | | 18.8 | \$930 | 12 | | | | |
| 7 | Pioneer | P1138A M | 254.9 | | 18.3 | \$986 | 7 | | | | |
| 8 | Pioneer | P1108Q | 263.5 | | 19.4 | \$1,008 | 4 | | | | |
| 9 | Pioneer | P1197A M | 263.4 | | 21.3 | \$987 | 5 | | | | |
| 10 | Pioneer | P1244A M | 243.6 | | 19.5 | \$931 | 11 | | | | |
| 11 | Pioneer | P1366A M | 272.6 | | 19.4 | \$1,042 | 1 | | | | |
| 12 | Pioneer | P1379A M | 253.5 | | 19.0 | \$973 | 8 | | | | |
| 13 | Pioneer | P1563A M | 252.5 | | 19.5 | \$965 | 9 | | | | |
| 14 | Pioneer | P1572A M | 266.7 | | 20.6 | \$1,007 | 2 | | | | |
| 15 | Pioneer | P1828A M | 264.6 | | 23.0 | \$974 | 3 | | | | |
| 16 | Pioneer | P1847A MXT | 261.9 | | 22.2 | \$972 | 6 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19120036_0047 **Exp Type:** Genetic
Business Partner: Lubke; Dave **County:** Pierce
State: Nebraska **Planting Date:** 5/3/2019
Harvest Date: 10/18/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1197A M | 288.8 | | 17.8 | \$1,123 | 1 | | | | |
| 2 | Pioneer | P0421A M | 244.1 | | 16.6 | \$961 | 14 | | | | |
| 3 | Pioneer | P0622A ML | 251.1 | | 16.7 | \$987 | 12 | | | | |
| 4 | Pioneer | P0688A M | 251.0 | | 17.2 | \$982 | 13 | | | | |
| 5 | Pioneer | P0919A M | 252.6 | | 17.8 | \$982 | 11 | | | | |
| 6 | Pioneer | P0950A M | 256.5 | | 18.1 | \$994 | 10 | | | | |
| 7 | Pioneer | P1082A M | 269.3 | | 18.5 | \$1,039 | 8 | | | | |
| 8 | Pioneer | P1089A MXT | 263.3 | | 19.0 | \$1,011 | 9 | | | | |
| 9 | Pioneer | P1108Q | 276.6 | | 19.5 | \$1,057 | 5 | | | | |
| 10 | Pioneer | P1138A M | 275.6 | | 19.0 | \$1,058 | 7 | | | | |
| 11 | Pioneer | P1197A M | 282.6 | | 18.5 | \$1,091 | 2 | | | | |
| 12 | Pioneer | P1366A M | 281.3 | | 19.7 | \$1,072 | 3 | | | | |
| 13 | Pioneer | P1379A M | 276.3 | | 19.4 | \$1,057 | 6 | | | | |
| 14 | Pioneer | P1197A M | 277.3 | | 19.2 | \$1,063 | 4 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124612_0001 **Exp Type:** Genetic
Business Partner: Krienert; Gerald **County:** Pierce
State: Nebraska **Planting Date:** 5/3/2019
Harvest Date: 10/17/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0919A M | 199.2 | | 18.1 | \$772 | 2 | | | | |
| 2 | Pioneer | P0950A M | 209.1 | | 17.7 | \$814 | 1 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124934_0001 **Exp Type:** Genetic
Business Partner: Krienke; Ted **County:** Pierce
State: Nebraska **Planting Date:** 5/3/2019
Harvest Date: 10/24/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|---------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0919A M | 253.9 | | 18.7 | \$978 | 2 | | | | |
| 2 | Pioneer | P1197A M | 275.5 | | 19.5 | \$1,052 | 1 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124943_0001 **Exp Type:** Genetic
Business Partner: Moes; Mark **County:** Pierce
State: Nebraska **Planting Date:** 5/14/2019
Harvest Date: 10/25/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | DeKalb | DKC58-35RIB | 255.9 | | 18.9 | \$984 | 2 | | | | |
| 2 | Pioneer | P1082A M | 267.1 | | 21.9 | \$995 | 1 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124949_0001 **Exp Type:** Genetic
Business Partner: Albrecht; Ronald **County:** Pierce
State: Nebraska **Planting Date:** 5/4/2019
Harvest Date: 10/26/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1197A M | 246.9 | | 16.9 | \$969 | 1 | | | | |
| 2 | Pioneer | P0950A M | 229.9 | | 17.2 | \$899 | 2 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124953_0001 **Exp Type:** Genetic
Business Partner: Krohn; Larry **County:** Pierce
State: Nebraska **Planting Date:** 5/20/2019
Harvest Date: 10/27/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0950A M | 244.5 | | 19.9 | \$930 | 2 | | | | |
| 2 | DeKalb | DKC60-88RIB | 248.9 | | 20.7 | \$939 | 1 | | | | |

Nebraska - Pierce

Tracking Name: OFGC19124954_0001 **Exp Type:** Genetic
Business Partner: Albrecht; Steve **County:** Pierce
State: Nebraska **Planting Date:** 5/4/2019
Harvest Date: 10/22/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1197A M | 241.2 | | 17.8 | \$938 | 1 | | | | |
| 2 | Pioneer | P0950A M | 227.4 | | 17.3 | \$889 | 2 | | | | |

Nebraska - Stanton

Tracking Name: OFGC19120804_0005 **Exp Type:** Genetic
Business Partner: Oligmueller; Dave **County:** Stanton
State: Nebraska **Planting Date:** 5/11/2019
Harvest Date: 10/4/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|----------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P1366A M | 251.7 | | 27.3 | \$883 | 4 | | | | |
| 2 | Pioneer | P1563A M | 248.5 | | 33.1 | \$814 | 6 | | | | |
| 3 | Pioneer | P1244A M | 241.2 | | 27.4 | \$845 | 13 | | | | |
| 4 | Pioneer | P1197A M | 243.8 | | 29.7 | \$832 | 10 | | | | |
| 5 | Pioneer | P1138A M | 257.4 | | 25.5 | \$921 | 2 | | | | |
| 6 | Pioneer | P1082A M | 249.3 | | 27.6 | \$872 | 5 | | | | |
| 7 | Pioneer | P1089A MXT | 240.2 | | 26.3 | \$852 | 14 | | | | |
| 8 | Pioneer | P0950A M | 234.3 | | 24.2 | \$851 | 16 | | | | |
| 9 | Pioneer | P0622A ML | 231.5 | | 23.9 | \$844 | 17 | | | | |
| 10 | Pioneer | P1379A M | 242.4 | | 26.9 | \$854 | 12 | | | | |
| 11 | Pioneer | 32B16 | 246.5 | | 30.7 | \$880 | 7 | | | | |
| 12 | Pioneer | P1366A M | 257.4 | | 27.5 | \$901 | 3 | | | | |
| 13 | Channel | 215-75VT2P RIB | 245.7 | | 31.1 | \$825 | 8 | | | | |
| 14 | Channel | 213-19VT2P RIB | 259.3 | | 32.5 | \$856 | 1 | | | | |
| 15 | Pioneer | P1572A M | 245.2 | | 27.7 | \$856 | 9 | | | | |
| 16 | Channel | 210-79DGV2PRIB | 243.2 | | 26.5 | \$861 | 11 | | | | |
| 17 | Pioneer | 32B16 | 228.3 | | 31.7 | \$806 | 18 | | | | |
| 18 | Pioneer | 32B16 | 236.0 | | 29.5 | \$854 | 15 | | | | |

Nebraska - Wayne

Tracking Name: OFGC19120152_0001 **Exp Type:** Genetic
Business Partner: Loberg Farms Inc **County:** Wayne
State: Nebraska **Planting Date:** 5/18/2019
Harvest Date: 10/25/2019

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|---------|----------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | DeKalb | DKC58-35RIB | 229.0 | | 19.6 | \$874 | 31 | | | | |
| 2 | DeKalb | DKC64-34RIB | 243.3 | | 23.7 | \$889 | 20 | | | | |
| 3 | DeKalb | DKC66-74RIB | 251.4 | | 25.7 | \$898 | 8 | | | | |
| 4 | Beck's | 5665AM X | 250.7 | | 21.4 | \$939 | 10 | | | | |
| 5 | Beck's | 6127D2 | 229.5 | | 23.1 | \$844 | 29 | | | | |
| 6 | Beck's | 6365AM X | 254.8 | | 22.7 | \$941 | 5 | | | | |
| 7 | Beck's | 6368SX | 245.7 | | 26.1 | \$874 | 18 | | | | |
| 8 | Channel | 220-98STXR IB | 216.3 | | 29.6 | \$739 | 34 | | | | |
| 9 | Channel | 217-76STXR IB | 234.5 | | 24.4 | \$850 | 25 | | | | |
| 10 | Channel | 216-36STXR IB | 243.8 | | 24.0 | \$887 | 19 | | | | |
| 11 | Channel | 215-98STXR IB | 246.6 | | 24.3 | \$895 | 15 | | | | |
| 12 | Channel | 215-75STXR IB | 261.0 | | 24.8 | \$942 | 2 | | | | |
| 13 | Channel | 213-93STXR IB | 229.3 | | 27.2 | \$805 | 30 | | | | |
| 14 | Channel | 213-19VT2P RIB | 246.5 | | 22.7 | \$910 | 16 | | | | |
| 15 | Channel | 212-90STXR IB | 256.7 | | 23.7 | \$937 | 4 | | | | |
| 16 | Channel | 211-44STXR IB | 251.4 | | 22.1 | \$934 | 9 | | | | |
| 17 | Channel | 210-98STXR IB | 217.2 | | 24.0 | \$791 | 33 | | | | |

| Ent ry # | Brand | Hybrid/ Brand | Yield (bu/a 56#) | Facto r(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|----------|----------------|-------------------|------------------|------------|----------|-------|------------|-----------------|---------------------|--------|---------------|
| 18 | Channel | 209-15SSTX RIB | 252.4 | | 21.1 | \$948 | 7 | | | | |
| 19 | Channel | 207-90STXR IB | 232.9 | | 19.6 | \$889 | 26 | | | | |
| 20 | Golden Harvest | G09Y24 -5222A | 250.0 | | 22.3 | \$927 | 11 | | | | |
| 21 | Golden Harvest | G10S30 -3110 | 223.9 | | 24.0 | \$815 | 32 | | | | |
| 22 | Golden Harvest | G11A33 - 5222EZ R | 229.7 | | 20.2 | \$871 | 28 | | | | |
| 23 | Golden Harvest | G13T41- 5122EZ R | 241.6 | | 24.0 | \$879 | 22 | | | | |
| 24 | Golden Harvest | G14V04 - 5122EZ R | 234.7 | | 23.6 | \$858 | 24 | | | | |
| 25 | Golden Harvest | G15L32- 3110 | 246.4 | | 23.9 | \$898 | 17 | | | | |
| 26 | Pioneer | P0589A MXT | 230.0 | | 19.0 | \$883 | 27 | | | | |
| 27 | Pioneer | P0622Q | 261.9 | | 20.3 | \$992 | 1 | | | | |
| 28 | Pioneer | P0950Q | 249.0 | | 21.2 | \$934 | 12 | | | | |
| 29 | Pioneer | P1089A MXT | 243.3 | | 23.0 | \$895 | 21 | | | | |
| 30 | Pioneer | P1197A MXT | 248.7 | | 24.1 | \$904 | 13 | | | | |
| 31 | Pioneer | P1108Q | 239.7 | | 22.7 | \$885 | 23 | | | | |
| 32 | Pioneer | P1244Q | 247.4 | | 25.8 | \$883 | 14 | | | | |
| 33 | Pioneer | P1366Q | 252.7 | | 21.7 | \$943 | 6 | | | | |
| 34 | Pioneer | P1415Q | 258.3 | | 23.0 | \$951 | 3 | | | | |

South Dakota - Clay

Tracking Name: OFGC19124784_0001 **Exp Type:** Genetic
Business Partner: Landeen; Joe **County:** Clay
State: South Dakota **Planting Date:** 6/13/2019
Harvest Date: 10/25/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0589A MXT | 188.6 | | 24.2 | \$685 | 4 | | | | |
| 2 | Pioneer | P9998Q | 194.5 | | 20.3 | \$737 | 3 | | | | |
| 3 | Pioneer | P9880A MXT | 210.2 | | 20.6 | \$794 | 1 | | | | |
| 4 | Pioneer | P9608Q | 187.6 | | 19.4 | \$717 | 5 | | | | |
| 5 | Pioneer | P9492A M | 205.6 | | 19.5 | \$785 | 2 | | | | |

South Dakota - Clay

Tracking Name: OFGC19124790_0001 **Exp Type:** Genetic
Business Partner: Landeen; Joe **County:** Clay
State: South Dakota **Planting Date:** 5/7/2019
Harvest Date: 10/25/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------|--------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0919Q | 207.6 | | 19.0 | \$797 | 4 | | | | |
| 2 | Pioneer | P1093Q | 220.0 | | 19.0 | \$845 | 2 | | | | |
| 3 | Pioneer | P1093A MXT | 211.4 | | 19.1 | \$811 | 3 | | | | |
| 4 | Pioneer | P1366Q | 236.2 | | 19.7 | \$900 | 1 | | | | |

South Dakota - Union

Tracking Name: OFGC19120003_0026 **Exp Type:** Genetic
Business Partner: Staum; David **County:** Union
State: South Dakota **Planting Date:** 5/13/2019
Harvest Date: 10/30/2019

| Entry # | Brand | Hybrid/Brand | Yield (bu/a 56#) | Factor(s) | Mst (%) | AGI | Yield Rank | YM Verified Yld | YM Verified Mst (%) | YM AGI | YM Yield Rank |
|---------|---------------|------------------|------------------|-----------|---------|-------|------------|-----------------|---------------------|--------|---------------|
| 1 | Pioneer | P0075A M | 226.8 | | 16.1 | \$897 | 18 | | | | |
| 2 | Pioneer | P0306Q | 235.8 | | 16.5 | \$929 | 12 | | | | |
| 3 | Pioneer | P0339A M | 228.0 | | 16.6 | \$897 | 17 | | | | |
| 4 | Pioneer | P0421A M | 241.7 | | 16.3 | \$954 | 5 | | | | |
| 5 | DeKalb | DKC54-40RIB | 213.2 | | 16.5 | \$840 | 20 | | | | |
| 6 | Pioneer | P0574A MXT | 225.7 | | 16.9 | \$886 | 19 | | | | |
| 7 | Pioneer | P0589A MXT | 233.9 | | 17.3 | \$914 | 13 | | | | |
| 8 | Pioneer | P0688A M | 233.8 | | 17.4 | \$913 | 14 | | | | |
| 9 | Pioneer | P0720A M | 236.8 | | 17.4 | \$924 | 10 | | | | |
| 10 | Pioneer | P0919A M | 241.4 | | 18.3 | \$934 | 6 | | | | |
| 11 | Pioneer | P0919Q | 240.2 | | 18.3 | \$929 | 8 | | | | |
| 12 | DeKalb | DKC59-50RIB | 229.2 | | 17.6 | \$893 | 16 | | | | |
| 13 | Pioneer | P0950Q | 233.3 | | 18.2 | \$903 | 15 | | | | |
| 14 | Pioneer | P0963A M | 237.3 | | 18.1 | \$920 | 9 | | | | |
| 15 | Pioneer | P1082A M | 255.5 | | 18.6 | \$985 | 1 | | | | |
| 16 | Heine Seed Co | H823VT 3 | 241.1 | | 18.5 | \$931 | 7 | | | | |
| 17 | Pioneer | P1093A MXT | 236.2 | | 18.7 | \$910 | 11 | | | | |
| 18 | Heine Seed Co | H8600V T2PRO RIB | 255.0 | | 19.4 | \$975 | 2 | | | | |
| 19 | Pioneer | P1244A M | 243.8 | | 18.4 | \$942 | 4 | | | | |
| 20 | Pioneer | P1366Q | 251.6 | | 18.2 | \$974 | 3 | | | | |

Search Criteria:

General:

CropYears: 2019
Season: 1
Experiment Type: Genetic
Harvested: Harvested

Crop: Corn Grain
Weigh Devices: Weighed
Irrigation Types: Non-irrigated,Full,Limited
Brittle Snap: No,Yes

Geography:

Countries: United States,Canada
States/Provinces: South Dakota,Nebraska
Counties/Divisions: Union,Pierce,Knox,Cedar,Madison,Wayne,Stanton,Clay,Holt

Sales Structure:

Commercial Units:
Sales Areas:
Sales Districts:
Territories:

Experiment:

Groups:
Experiment:

Price Details:

Market Price: \$4.00
Market Price Adjustments: Standard-\$0.00,Drydown-\$0.04; High Oil-\$0.00,Drydown-\$0.04; High Oil SX-\$0.00,Drydown-\$0.04; White-\$0.20,Drydown-\$0.04; Waxy-\$0.35,Drydown-\$0.04;

Notes and Explanations:

(1) $YIELD = (100 - MOISTURE) \times (LBS. OF GRAIN) \times (FACTOR) \div (HARVESTED LENGTH IN FEET) \div (HARVESTED WIDTH IN INCHES)$. Not applicable if weighed with Yield Monitor. Yield monitor yields are estimates of yield taken from the yield monitor data files. Yield estimate calculations are dependent on the equipment and software manufacturer. Yield estimates from a yield monitor can vary significantly from actual yields of hybrids/varieties at a single point, within areas of a field or in aggregate. Any number of factors such as inappropriate calibration, machine settings, machine dynamics, grain characteristics, temperature, slope, operator error, etc. can impact the accuracy of yield monitor yield estimates.

Temperature, rainfall and solar radiation are estimates based on available data from weather stations in the area. Crop growth indices for individual hybrids, including estimates of silking and maturity dates, are produced by the proprietary EnClass® crop growth model using this weather information. Though crop growth indices produced by the model are calibrated based on historical field observations of products, they may not accurately reflect the growth stage at an individual location.

Where shown, soil information is provided by Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database available online at <http://soildatamart.nrcs.usda.gov>.

Information and results contained herein represent the average of all comparisons across the area indicated. Results may not predict future performance and may not be complete. Testing accuracy, area variations and a limited environmental base can give misleading results. Multi-year and multi-location information is a better predictor of future performance. Please use this information as only one component of your product positioning decision.

Insecticide Seed Treatment (IST): Indicates insecticide seed treatment was purchased on the seed. Fungicide Seed Treatment (FST): Indicates fungicide seed treatment was purchased on the seed.

Nematicide Seed Treatment (NST): Indicates nematicide seed treatment was purchased on the seed.

*** ** Since the trait/segment information is derived from each competitor's own product information, Pioneer makes no representations or warranties as to its accuracy, completeness or suitability.

All Pioneer products are hybrids unless designated with AM1, AM, AMRW, AMT, AMX and AMXT, in which case they are brands.

Segments:

HX1 - Contains the Herculex® I Insect Protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, western bean cutworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm. HXRW - The Herculex® RW insect protection trait contains proteins that provide enhanced resistance against western corn rootworm, northern corn rootworm and Mexican corn rootworm. HXX - Herculex® XTRA contains the Herculex I and Herculex RW genes. YGCB - The YieldGard® Corn Borer gene offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer. The gene also offers a moderate level of resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm. LL - Contains the LibertyLink® gene for resistance to Liberty® herbicide. RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. WX - Waxy. WH - White food corn. YFC - Yellow food corn; AQ - Optimum® AQUAmax® hybrid. BMR - Brown MidRib Corn.

RW,HX1,LL,RR2 (Optimum® TRIssect®) - Contains the Herculex I gene for above-ground pests and the Agrisure® RW trait for resistance to corn rootworm. AM1 - Optimum® AcreMax® 1 Insect Protection System with an integrated corn rootworm refuge solution includes HXX, LL, RR2. Optimum AcreMax 1 products contain the LibertyLink® gene and can be sprayed with Liberty® herbicide. The required corn borer refuge can be planted up to half a mile away.

AMRW - Optimum® AcreMax® RW Rootworm Protection system with a single-bag integrated corn rootworm refuge solution includes HXRW, LL, RR2. AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer fuge must be planted with Optimum AcreMax products. AMX - Optimum® AcreMax® Xtra Insect Protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products. AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products. RW,YGCB,HXX,LL,RR2 (Optimum® Intrasect® XTreme) - Contains the Agrisure® RW trait, the YieldGard Corn Borer gene, and the Herculex® XTRA genes for resistance to corn borer and corn rootworm. Optimum Intrasect XTreme will be the major component of Optimum AcreMax XTreme. AVBL,YGCB,HX1,LL,RR2 (Optimum® Leptra®) - Contains the Agrisure Viptera® trait, the YieldGard Corn Borer gene, the Herculex® I gene, the LibertyLink® gene, and the Roundup Ready® Corn 2 trait. AMT - Optimum® AcreMax® TRIssect® Insect Protection System with RW,YGCB,HX1,LL,RR2. Contains a single-bag refuge solution for above and below ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® I genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax TRIssect products.

VT2P - Genuity VT Double PRO - Contains the Genuity VT PRO genes and the Roundup Ready® Corn 2 trait. Provides resistance to corn borers and tolerance to glyphosate herbicides. SSTX ζ Genuity SmartStax ζ contains the Genuity VT Triple PRO traits, Herculex XTRA traits, the LibertyLink gene, and the Roundup Ready Corn 2 trait. Provides resistance to corn borers, corn rootworms, tolerance to glyphosate herbicides, and resistance to Liberty herbicide. AV-3110 - Agrisure Viptera® 3110 trait stack - Contains the Agrisure Viptera®, Agrisure® CB, and Agrisure® GT traits. AV-3111 - Agrisure Viptera® 3111 trait stack - Contains the Agrisure Viptera®, Agrisure® CB, Agrisure® RW, and Agrisure® GT traits. YGCB,HX1,LL,RR2 (Optimum® Intrasect®) - Contains the YieldGard® Corn Borer gene and Herculex® I gene for resistance to corn borer. YGCB,HXX,LL,RR2 (Optimum® Intrasect® XTRA) - Contains the YieldGard® Corn Borer gene and the Herculex XTRA genes for resistance to corn borer and corn rootworm. VT2P-RIB - Contains the Genuity® VT Double PRO RIB Complete ζ technology for above-ground insect protection.

AV-3220 - Agrisure® Viptera® 3220 trait stack - Contains the Herculex® I, Agrisure Viptera®, Agrisure® CB, and Agrisure® GT traits. AS-3122 - Agrisure® 3122 trait stack - Contains the Herculex® XTRA, Agrisure® CB, Agrisure® RW, and Agrisure® GT traits. AS-3011A or AS-4011 - Agrisure® 4011 trait stack - Contains the Agrisure 3000GT traits, and Agrisure Artesian(TM) technology. AVBL,CB,LL,GT - Contains the Agrisure Viptera® 3110 trait stack: Agrisure Viptera®, Agrisure® CB and Agrisure® GT traits. AS-3122-EZR - Contains the Agrisure® trait stack and the E-Z Refuge® technology. AS-3011 -

Contains the Agrisure® 3000GT traits. ART - Syngenta traits or trait stacks followed by an Aalso contain the Agrisure® Artesian(TM) technology such as AS-3011A or GTA. GT - Contains the Agrisure® GT trait that provides tolerance to glyphosate herbicides. CB - Contains the Agrisure® CB trait that provides resistance to corn borers. RW - Contains the Agrisure® RW trait that provides resistance to corn rootworms. VT - YieldGard VT Rootworm/RR2 contains both the YieldGard Rootworm gene and the Roundup Ready Corn 2 trait. VT3 - YieldGard VT Triple contains the YieldGard Rootworm gene, the YieldGard Corn Borer gene and the Roundup Ready Corn 2 trait. VT3P - Genuity VT Triple PRO contains the YieldGard VT gene YieldGard Rootworm/RR2), and the Genuity VT PRO gene. Provides resistance to corn borers, corn rootworms, and tolerance to glyphosate herbicides. SSTX-RIB - Contains either the SmartStax® RIB Complete technology or the REFUGE ADVANCED₂ powered by SmartStax® technology. DG - Contains the Genuity® DroughtGard(TM) technology. AV-3220-EZR - Contains the Agrisure Viptera® trait stack and the E-Z Refuge® technology. Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. Herculex® and the HX logo are registered trademarks of Dow AgroSciences LLC. YieldGard®, the YieldGard Corn Borer Design and Roundup Ready® are registered trademarks used under license from Monsanto Company. Liberty®, LibertyLink®, the Water Droplet Design and Poncho® are trademarks of BASF. Cruiser® is a registered trademark of a Syngenta Group Company. Agrisure®, Agrisure Viptera® and E-Z Refuge® are registered trademarks of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

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AGI Calc: Moisture Adjustment: (Moisture - Adjustment Standard) * Dry Down * Yield = Z, AGI = ((Market Price + Premium Adjustment) * Yield) - Z