




**SEED
CONSULTANTS**
1122Q


**SEED
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RESEARCH


**SEED
CONSULTANTS**
1170AM


**ADVANCED
YIELD LEADER**
Advance Ag Service LLC
877-702-SEED

2023 & 2024 Research

GREETINGS FROM THE OWNER



Advance Ag works to stay on the forefront of seed genetics and variety selection to bring the top yielding varieties to your farm. Each year, we conduct extensive variety research in order to represent you, our customer. We advocate on behalf of farmers to get you the seeds that will produce the highest yields in your location. Through our research and our customer focus, we work with you and for you to *move yields forward*.



Thank you for allowing us to serve you!

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Owner, Advance Agra Service, LLC

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ADVANCE AGRA SERVICE, LLC

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2023 Advance Ag Corn Variety Evaluation Plot | McGaheysville, VA

Cooperator's Name: River Hill Farm | **Planted:** 5/23/23 | **Harvested:** 10/28/23

Zone: 8 | **Row Width:** 30 | **Previous Crop:** Corn | **Planting Rate:** 32,000 | **No Till:** Yes | **Notes:** Irrigated

Tester: SC1122Q | **Tester Rank:** 2 | **Tester Low:** 263.58 | **Tester High:** 283.25 | **Tester Ave:** 271.37

Hybrids Yielding Above 270 bu/A

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Test Wgt | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Tester + or - | Adjusted Yield | Rank |
|---------------------------|-------------|-------|----------|----------|------------|------------|-----------|-----------|---------------|----------------|------|
| SC1170Q | 2 | 21.30 | 56.7 | 1522 | 775.00 | 5.0 | 0.0890 | 282.88 | 3.56 | 274.93 | 1 |
| SC1154Q | 2 | 20.80 | 57.5 | 1492 | 775.00 | 5.0 | 0.0890 | 279.06 | -0.25 | 271.11 | 3 |
| SC1141AM | 2 | 22.10 | 55.4 | 1494 | 775.00 | 5.0 | 0.0890 | 274.85 | -4.47 | 266.90 | 4 |
| H6663 | 2 | 22.20 | 55.4 | 1422 | 775.00 | 5.0 | 0.0890 | 261.27 | -4.54 | 266.82 | 5 |
| SC1122Q | 2 | 21.30 | 56.5 | 1436 | 775.00 | 5.0 | 0.0890 | 266.89 | -9.68 | 261.69 | 6 |
| SC111AM | 2 | 19.70 | 57.4 | 1346 | 775.00 | 5.0 | 0.0890 | 255.25 | -11.49 | 259.88 | 7 |
| SC1112Q | 2 | 21.00 | 57.4 | 1384 | 775.00 | 5.0 | 0.0890 | 258.21 | -18.36 | 253.00 | 8 |
| SC1094Q | 2 | 20.40 | 56.4 | 1318 | 775.00 | 5.0 | 0.0890 | 247.76 | -18.98 | 252.39 | 9 |
| R1577 | 2 | 21.50 | 56.6 | 1340 | 775.00 | 5.0 | 0.0890 | 248.42 | -19.62 | 251.74 | 10 |
| SC1134Q | 2 | 22.00 | 55.4 | 1386 | 775.00 | 5.0 | 0.0890 | 255.31 | -21.26 | 250.10 | 11 |
| SC1084AM | 2 | 18.90 | 57.0 | 1280 | 775.00 | 5.0 | 0.0890 | 245.15 | -21.59 | 249.78 | 12 |

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Test Wgt | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Rank |
|---------------------------|-------------|-------|----------|----------|------------|------------|-----------|-----------|------|
| Control- No IF | 2 | 21.40 | 55.9 | 1432 | 775.00 | 5.0 | 0.0890 | 265.81 | 3 |
| Terragrow & SS | 2 | 21.00 | 56.7 | 1450 | 775.00 | 5.0 | 0.0890 | 270.52 | 2 |
| BBDF SS Pivot | 2 | 21.20 | 56.0 | 1480 | 775.00 | 5.0 | 0.0890 | 275.42 | 1 |

COMPETITOR RESEARCH

NK Preliminary 2024 Corn Silage Yield Report | Bridgewater, VA

Trial Name: Bridgewater-Shank-Showalter-Silage
 Cooperator:
 City:
 State:
 Planting Date: 5/29/2024
 Harvest Date: 10/9/2024

Planting Rate: 32,000
 Previous Crop: Rye
 Water Mgmt: Rainfed

Moisture Basis: 65



| Entry | Brand | Hybrid | Dry Matter (DM) Basis | | | | | | | | | | | | | | | | |
|--------------|------------------|---------------------|-----------------------|-------|-----------------|---------|----------|-----------|-------------|-------------|----------|----------|---------------|-----------|-------------|------------|-------------|------------|-------------|
| | | | Green Tons/Ac | % Mst | 65% Mst Tons/Ac | CP % DM | NDF % DM | NDFd % DM | TTNDFd % DM | Starch % DM | Ash % DM | Fat % DM | Milk TDN % DM | Beef % DM | NeL Mcal/lb | Lbs Milk/T | Lbs Milk/Ac | Lbs Beef/T | Lbs Beef/Ac |
| 1 | Chemgro | 7539D4Z | 21.0 | 60.1 | 24.0 | 8.6 | 34.8 | 56.3 | 37.8 | 39.8 | 2.5 | 2.7 | 73.5 | 66.9 | 0.733 | 3486 | 29279 | 243 | 1606 |
| 2 | Chemgro | 5389D5Z | 10.9 | 54.5 | 14.1 | 11.2 | 44.7 | 50.8 | 34.7 | 25.0 | 4.0 | 2.4 | 64.4 | 57.5 | 0.634 | 2814 | 13901 | 150 | 812 |
| 3 | Brevant | B06U78SXE | 12.7 | 54.3 | 16.6 | 8.8 | 40.1 | 67.6 | 45.0 | 35.2 | 2.9 | 2.5 | 73.5 | 67.1 | 0.707 | 3386 | 19696 | 244 | 1114 |
| 4 | Revere Seed | Revere 0918 VT2P | 17.4 | 53.8 | 23.0 | 8.1 | 26.2 | 66.4 | 32.4 | 50.0 | 2.3 | 3.1 | 77.0 | 72.3 | 0.760 | 3723 | 29931 | 292 | 1661 |
| 5 | Channel | 209-39DGV2P | 18.0 | 55.4 | 22.9 | 8.4 | 28.5 | 68.2 | 37.8 | 47.8 | 2.6 | 3.2 | 77.4 | 71.5 | 0.762 | 3745 | 30017 | 284 | 1637 |
| 6 | Chemgro | 7259DV | 18.9 | 55.6 | 23.9 | 7.4 | 38.6 | 57.1 | 39.9 | 38.8 | 2.9 | 2.3 | 69.9 | 65.0 | 0.687 | 3195 | 26760 | 224 | 1555 |
| 7 | Seed Consultants | SC 1112Q | 20.2 | 58.5 | 24.0 | 8.5 | 26.3 | 65.4 | 37.2 | 49.3 | 3.5 | 2.5 | 77.0 | 70.4 | 0.762 | 3731 | 31317 | 275 | 1689 |
| 8 | Red Tail | RT 61T99 | 16.9 | 56.4 | 21.1 | 8.1 | 38.9 | 58.4 | 39.0 | 36.5 | 2.5 | 2.4 | 71.3 | 64.3 | 0.701 | 3293 | 24311 | 218 | 1356 |
| 9 | Pioneer | P13476Q | 19.6 | 52.3 | 26.7 | 8.0 | 27.4 | 67.4 | 39.0 | 50.5 | 3.0 | 2.8 | 75.0 | 71.5 | 0.733 | 3553 | 33145 | 285 | 1906 |
| 10 | Seed Consultants | SC1122Q | 18.6 | 55.1 | 23.9 | 8.3 | 32.2 | 61.7 | 38.7 | 43.6 | 2.0 | 2.9 | 74.8 | 69.7 | 0.738 | 3555 | 29777 | 268 | 1668 |
| 11 | Chemgro | 7539D4Z | 20.3 | 59.3 | 23.6 | 7.7 | 36.0 | 59.2 | 38.9 | 40.7 | 2.4 | 2.6 | 73.8 | 66.9 | 0.731 | 3489 | 28786 | 242 | 1577 |
| 12 | Augusta Seed | A6362-DEZ | 17.4 | 58.6 | 20.6 | 8.3 | 38.4 | 57.4 | 37.9 | 37.0 | 2.6 | 2.2 | 71.4 | 64.6 | 0.705 | 3310 | 23874 | 220 | 1331 |
| 13 | Red Tail | RT 64T39 | 19.3 | 58.2 | 23.0 | 7.9 | 30.1 | 63.4 | 40.3 | 47.0 | 3.1 | 2.4 | 75.5 | 69.6 | 0.745 | 3607 | 29074 | 268 | 1604 |
| 14 | Pioneer | P1380Q | 19.4 | 58.9 | 22.8 | 7.6 | 36.2 | 63.6 | 37.3 | 41.6 | 2.3 | 3.1 | 75.8 | 66.9 | 0.746 | 3617 | 28904 | 243 | 1528 |
| 15 | Revere Seed | Revere 114-P35 | 18.0 | 50.9 | 25.2 | 7.3 | 32.8 | 59.0 | 36.8 | 46.4 | 2.2 | 2.8 | 72.0 | 68.6 | 0.708 | 3344 | 29505 | 259 | 1730 |
| 16 | Enogen | E114C4-DV-EZ1 Brand | 19.3 | 55.4 | 24.6 | 7.6 | 41.1 | 57.4 | 43.6 | 36.3 | 2.9 | 2.0 | 68.7 | 65.6 | 0.670 | 3090 | 26598 | 230 | 1614 |
| 17 | Channel | 214-78DGV2P | 17.1 | 51.8 | 23.5 | 8.0 | 29.6 | 65.3 | 34.1 | 47.5 | 2.4 | 3.0 | 74.9 | 69.3 | 0.734 | 3547 | 29197 | 265 | 1630 |
| 18 | Augusta Seed | A1964-DV | 18.3 | 53.8 | 24.1 | 7.5 | 32.4 | 59.3 | 32.8 | 45.1 | 1.7 | 2.8 | 73.5 | 68.3 | 0.726 | 3464 | 29235 | 255 | 1647 |
| 19 | Rob-See-Co | RC6401-AA | 17.8 | 57.8 | 21.5 | 7.5 | 30.6 | 61.5 | 33.0 | 47.5 | 2.9 | 2.8 | 75.3 | 68.4 | 0.746 | 3600 | 27096 | 256 | 1471 |
| 20 | Chemgro | 7539D4Z | 20.0 | 58.8 | 23.6 | 8.3 | 33.6 | 59.3 | 37.1 | 43.4 | 3.7 | 2.4 | 72.7 | 66.3 | 0.718 | 3403 | 28078 | 236 | 1562 |
| 21 | NK | NK1402-DV-EZ1 Brand | 19.0 | 56.2 | 23.8 | 8.6 | 27.5 | 64.9 | 32.5 | 48.6 | 2.8 | 3.0 | 76.7 | 70.1 | 0.759 | 3707 | 30871 | 272 | 1669 |
| 22 | Augusta Seed | A4465-DV | 19.1 | 55.8 | 24.1 | 7.5 | 31.5 | 61.2 | 35.2 | 45.3 | 2.2 | 2.8 | 74.9 | 68.6 | 0.741 | 3567 | 30113 | 258 | 1655 |
| 23 | Chemgro | 7789RSX | 19.0 | 58.1 | 22.7 | 8.4 | 26.4 | 58.2 | 30.5 | 49.7 | 2.5 | 3.1 | 76.6 | 70.8 | 0.768 | 3723 | 29600 | 278 | 1608 |
| 24 | Enogen | E117Z7-D-EZ1 Brand | 23.2 | 58.1 | 27.8 | 7.6 | 32.7 | 61.3 | 39.8 | 43.9 | 2.6 | 2.6 | 74.8 | 69.0 | 0.740 | 3563 | 34616 | 262 | 1914 |
| 25 | Channel | 217-76VT2P | 19.0 | 56.9 | 23.4 | 8.0 | 33.5 | 57.7 | 34.7 | 41.4 | 3.4 | 2.9 | 72.4 | 66.4 | 0.717 | 3387 | 27775 | 238 | 1557 |
| 26 | Red Tail | RT 67T79 | 22.2 | 57.4 | 27.0 | 8.2 | 31.0 | 61.7 | 35.0 | 46.3 | 3.2 | 2.8 | 74.6 | 68.0 | 0.737 | 3546 | 33560 | 253 | 1839 |
| 27 | Seed Consultants | SC 1185V Brand | 21.5 | 56.3 | 26.8 | 8.4 | 30.1 | 59.6 | 35.5 | 44.5 | 3.6 | 2.9 | 73.6 | 68.9 | 0.729 | 3477 | 32612 | 261 | 1846 |
| 28 | Revere Seed | Revere 1839 TC | 20.9 | 54.7 | 27.0 | 7.5 | 33.2 | 57.6 | 35.8 | 43.9 | 2.0 | 2.8 | 72.9 | 68.2 | 0.722 | 3426 | 32403 | 254 | 1842 |
| 29 | Pioneer | P1903AM | 21.0 | 56.4 | 26.1 | 8.2 | 33.2 | 61.0 | 37.9 | 42.6 | 1.9 | 2.8 | 74.8 | 68.6 | 0.740 | 3563 | 32585 | 259 | 1794 |
| 30 | Chemgro | 7539D4Z | 24.5 | 59.5 | 28.3 | 7.8 | 31.7 | 62.1 | 37.3 | 45.0 | 2.4 | 2.7 | 76.3 | 68.9 | 0.757 | 3676 | 36467 | 261 | 1954 |
| Plot Average | | | 19.0 | 56.3 | 23.7 | 8.1 | 33.0 | 61.0 | 36.9 | 43.3 | 2.7 | 2.7 | 73.8 | 67.9 | 0.729 | 3486 | 28970 | 252 | 1612 |

NK Preliminary 2023 Corn Silage Yield Report | Bridgewater, VA

Trial Name: Silage-Patrick Showalter-Bridgewater, VA
 Cooperator: Patrick Showalter
 City:
 State:
 Planting Date: 5/24/2023
 Harvest Date:

Planting Rate: 32000
 Previous Crop: Rye
 Water Mgmt: Dryland

Moisture Basis: 70



| Entry | Brand | Hybrid | Dry Matter (DM) Basis | | | | | | | | | | | | | | | | |
|--------------|------------------|----------------------------|-----------------------|-------|-----------------|---------|----------|-----------|-------------|-------------|----------|----------|---------------|-----------|-------------|------------|-------------|------------|-------------|
| | | | Green Tons/Ac | % Mst | 70% Mst Tons/Ac | CP % DM | NDF % DM | NDFd % DM | TTNDFd % DM | Starch % DM | Ash % DM | Fat % DM | Milk TDN % DM | Beef % DM | NeL Mcal/lb | Lbs Milk/T | Lbs Milk/Ac | Lbs Beef/T | Lbs Beef/Ac |
| 1 | Pioneer | P0924Q | 17.9 | 65.0 | 20.9 | 7.9 | 43.0 | 55.4 | 42.1 | 32.4 | 4.3 | 2.1 | 69.3 | 63.0 | 0.682 | 3156 | 19779 | 205 | 1316 |
| 2 | Enogen | E117Z7-D-EZ1 Brand | 20.4 | 71.3 | 19.5 | 7.3 | 50.4 | 58.0 | 42.7 | 21.7 | 4.2 | 1.6 | 65.9 | 59.8 | 0.634 | 2858 | 16728 | 150 | 1186 |
| 3 | Hubner Seed | H4744 | 17.8 | 66.3 | 20.0 | 9.0 | 46.7 | 55.5 | 38.1 | 29.3 | 4.2 | 2.1 | 67.8 | 59.4 | 0.665 | 3042 | 18219 | 167 | 1185 |
| 4 | Augusta Seed | A2067 | 17.2 | 66.9 | 19.0 | 8.1 | 48.0 | 55.5 | 38.4 | 26.7 | 3.5 | 1.7 | 67.5 | 59.1 | 0.660 | 3015 | 17190 | 157 | 1123 |
| 5 | Seed Consultants | SC 1122Q | 20.1 | 64.6 | 23.8 | 7.8 | 46.6 | 57.5 | 40.2 | 28.8 | 3.4 | 1.9 | 69.3 | 61.1 | 0.677 | 3137 | 22393 | 185 | 1453 |
| 6 | DeKalb | DKC67-66 | 19.0 | 67.8 | 20.4 | 8.3 | 48.0 | 54.2 | 38.0 | 25.3 | 3.5 | 1.8 | 67.0 | 59.0 | 0.659 | 2996 | 18316 | 156 | 1202 |
| 7 | Masters Choice | MCT6568 | 15.8 | 67.3 | 17.2 | 8.2 | 45.1 | 55.8 | 42.2 | 27.2 | 3.9 | 1.8 | 68.4 | 62.2 | 0.671 | 3085 | 15903 | 197 | 1069 |
| 8 | Pioneer | P1587Q | 17.6 | 61.9 | 22.4 | 8.3 | 47.8 | 54.5 | 39.3 | 29.4 | 4.0 | 1.9 | 66.0 | 59.4 | 0.645 | 2912 | 19558 | 161 | 1331 |
| 9 | Chemgro | 7139 | 14.7 | 60.8 | 19.2 | 8.1 | 44.8 | 52.3 | 38.0 | 31.1 | 3.9 | 1.9 | 66.1 | 60.0 | 0.651 | 2933 | 16929 | 175 | 1154 |
| 10 | Augusta Seed | A6362 | 16.6 | 60.4 | 21.9 | 8.2 | 47.5 | 49.4 | 38.8 | 27.3 | 4.5 | 2.1 | 63.1 | 59.0 | 0.623 | 2735 | 17999 | 159 | 1294 |
| 11 | Brevant | B14U78SXE | 15.1 | 63.6 | 18.3 | 8.2 | 46.8 | 64.8 | 53.1 | 22.7 | 4.1 | 1.8 | 68.7 | 66.9 | 0.651 | 3010 | 16542 | 243 | 1226 |
| 12 | Seed Consultants | SC1170Q | 16.3 | 63.3 | 20.0 | 8.5 | 48.6 | 56.4 | 40.2 | 24.9 | 4.1 | 1.9 | 66.9 | 59.0 | 0.652 | 2963 | 17753 | 152 | 1178 |
| 13 | Enogen | E118D8-3000GT.0-EVTL Brand | 16.8 | 64.7 | 19.8 | 8.0 | 49.8 | 57.0 | 44.6 | 22.1 | 3.9 | 1.8 | 66.5 | 61.1 | 0.645 | 2923 | 17378 | 165 | 1210 |
| 14 | DeKalb | DKC64-44 | 15.0 | 61.1 | 19.5 | 8.3 | 48.1 | 53.4 | 39.7 | 27.0 | 4.2 | 2.2 | 65.4 | 59.7 | 0.640 | 2869 | 16804 | 162 | 1165 |
| 15 | Pioneer | P13476Q | 15.0 | 58.5 | 20.8 | 8.4 | 44.1 | 55.6 | 40.2 | 31.6 | 3.9 | 2.3 | 67.6 | 62.3 | 0.661 | 3018 | 18830 | 198 | 1295 |
| 16 | Hubner Seed | H6755 | 16.9 | 61.4 | 21.8 | 8.0 | 47.0 | 56.2 | 39.6 | 28.4 | 3.8 | 2.1 | 67.5 | 60.2 | 0.659 | 3013 | 19702 | 173 | 1312 |
| 17 | Masters Choice | MCT6367 | 18.2 | 65.6 | 20.9 | 7.8 | 46.3 | 55.3 | 41.6 | 26.9 | 4.2 | 2.2 | 68.0 | 61.4 | 0.667 | 3057 | 19165 | 189 | 1283 |
| 18 | Seed Consultants | SC1154Q | 17.7 | 64.3 | 21.0 | 7.8 | 44.2 | 58.4 | 42.0 | 30.4 | 3.7 | 2.3 | 70.7 | 63.1 | 0.693 | 3245 | 20473 | 206 | 1327 |
| 19 | Chemgro | 7799 | 18.4 | 64.7 | 21.7 | 7.8 | 46.7 | 55.0 | 40.7 | 26.6 | 4.0 | 1.8 | 67.4 | 60.2 | 0.661 | 3014 | 19577 | 176 | 1304 |
| 20 | NK | NK1748-3110 Brand | 16.6 | 65.4 | 19.2 | 8.0 | 48.1 | 57.4 | 42.6 | 25.8 | 3.9 | 2.0 | 68.3 | 61.0 | 0.666 | 3061 | 17629 | 174 | 1171 |
| 21 | Augusta Seed | A2464 | 16.0 | 61.9 | 20.3 | 7.7 | 48.0 | 54.7 | 40.2 | 27.5 | 3.7 | 1.8 | 66.2 | 59.8 | 0.647 | 2923 | 17791 | 164 | 1214 |
| 22 | Chemgro | 7539D4Z | 17.0 | 65.4 | 19.7 | 8.0 | 48.8 | 57.3 | 40.4 | 26.1 | 4.0 | 1.7 | 67.6 | 59.2 | 0.657 | 3004 | 17740 | 154 | 1166 |
| Plot Average | | | 17.1 | 64.2 | 20.3 | 8.1 | 47.0 | 55.9 | 41.0 | 27.2 | 4.0 | 1.9 | 67.3 | 60.7 | 0.657 | 2999 | 18291 | 176 | 1234 |

Quality analysis and Milk per Ton are based on the University of Wisconsin's Corn Silage Evaluation System and Milk2006 formula.
 NDF Digestibility (NDFd) is an estimate based on correlation with 30 hour in-vitro true digestibility analysis.

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ON FARM TESTING RESULTS



Advance Ag Corn Variety Evaluation Plot | North Wilkesboro, NC

Cooperator's Name: Josh Brown

Planted: 5/12/23 | **Harvested:** 10/13/23 | **Planting Rate:** 32,000

Previous Crop: Corn | **No Till:** Yes | **Zone:** 9 | **Row Width:** 30

Tester: SC1170AM | **Tester Rank:** 2

Tester Low: 262.90 | **Tester High:** 278.26 | **Tester Ave:** 270.53

Fertilizer & herbicide program: 250 lbs 46-0-0 with nutrisphere pre plant, 20 gal 32% at burndown, Trivolt 1 pass herbicide

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Tester + or - | Adjusted Yield | Rank |
|---------------------------|-------------|-------|----------|------------|------------|-----------|-----------|---------------|----------------|------|
| SC1183AM | 2 | 18.60 | 1302 | 701.00 | 5.0 | 0.0805 | 276.71 | 1.26 | 271.79 | 1 |
| SC1170AM | 2 | 18.90 | 1298 | 703.00 | 5.0 | 0.0807 | 274.06 | -1.39 | 269.14 | 3 |
| SC1141AM | 2 | 19.10 | 1262 | 708.00 | 5.0 | 0.0813 | 263.93 | -6.65 | 263.88 | 4 |
| SC1154AM | 2 | 19.20 | 1260 | 707.00 | 5.0 | 0.0812 | 263.56 | -7.03 | 263.51 | 5 |
| SC1112AM | 2 | 17.70 | 1240 | 709.00 | 5.0 | 0.0814 | 263.44 | -7.14 | 263.39 | 6 |
| SC1093AM | 2 | 17.50 | 1222 | 713.00 | 5.0 | 0.0818 | 258.79 | -7.56 | 262.97 | 7 |
| SC EXP 111 | 2 | 17.50 | 1170 | 711.00 | 5.0 | 0.0816 | 248.47 | -17.87 | 252.66 | 8 |
| SC1094Q | 2 | 17.20 | 1132 | 715.00 | 5.0 | 0.0821 | 239.93 | -26.42 | 244.11 | 10 |

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield |
|---------------------------|-------------|-------|----------|------------|------------|-----------|--------------|
| Pivot Control (SC1170AM) | 2 | 18.30 | 1210 | 719.00 | 5.0 | 0.0825 | 251.65 |
| Proven 40 LIF | 2 | 18.70 | 1300 | 717.00 | 5.0 | 0.0823 | 269.79 |
| Yield Gain: | | | | | | | 18.14 |

ON FARM TESTING RESULTS

2023 Advance Ag Corn Variety Evaluation Plot | Rocky Mount, VA

Cooperator's Name: Hodges View Dairy | **Planted:** 5/11/23 | **Harvested:** 10/10/23 | **Comments:** Deer & Bear Damage
Zone: 8 | **Row Width:** 30 | **Previous Crop:** Corn | **Planting Rate:** 28,500 | **No Till:** Yes
Tester: SC1141AM | **Tester Rank:** 9 | **Tester Low:** 154.48 | **Tester High:** 193.53 | **Tester Ave:** 173.35

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Test Weight | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Tester + or - | Adjusted Yield | Rank |
|---------------------------|-------------|-------|-------------|----------|------------|------------|-----------|-----------|---------------|----------------|------|
| SC1170AM | 2 | 17.60 | 58.8 | 730 | 567.00 | 5.0 | 0.0651 | 194.17 | 17.05 | 190.40 | 1 |
| EXP111AM | 2 | 16.80 | 58.6 | 678 | 565.00 | 5.0 | 0.0650 | 182.73 | 16.71 | 190.05 | 2 |
| Gw3916tre | 2 | 16.60 | 58.7 | 692 | 570.00 | 5.0 | 0.0654 | 185.31 | 15.32 | 188.67 | 3 |
| SC1112Q | 2 | 17.70 | 57.3 | 678 | 567.00 | 5.0 | 0.0651 | 180.12 | 12.74 | 186.09 | 4 |
| SC1093AM | 2 | 16.20 | 58.4 | 646 | 564.00 | 5.0 | 0.0650 | 175.67 | 9.65 | 183.00 | 5 |
| SC1122Q | 2 | 18.40 | 56.6 | 650 | 566.00 | 5.0 | 0.0650 | 171.51 | 5.49 | 178.83 | 6 |
| SC1112AM | 2 | 16.90 | 56.6 | 674 | 566.00 | 5.0 | 0.0650 | 181.12 | 5.30 | 178.65 | 7 |
| SC1170Q | 2 | 18.00 | 57.4 | 652 | 567.00 | 5.0 | 0.0651 | 172.58 | 5.20 | 178.55 | 8 |
| SC1154AM | 2 | 18.40 | 57.9 | 666 | 568.00 | 5.0 | 0.0652 | 175.12 | -2.00 | 171.35 | 10 |
| SC1154Q | 2 | 18.90 | 58 | 658 | 567.00 | 5.0 | 0.0651 | 172.26 | -4.86 | 168.49 | 11 |
| H6755RCSS | 2 | 16.30 | 57 | 682 | 568.00 | 5.0 | 0.0652 | 183.94 | -6.05 | 167.29 | 12 |
| SC1134Q | 2 | 18.10 | 56.8 | 594 | 567.00 | 5.0 | 0.0651 | 157.04 | -10.34 | 163.00 | 13 |
| SC1094Q | 2 | 17.00 | 58 | 616 | 566.00 | 5.0 | 0.0650 | 165.33 | -10.48 | 162.87 | 14 |
| H9536-S | 2 | 15.50 | 57.2 | 350 | 568.00 | 5.0 | 0.0652 | 95.30 | -94.69 | 78.65 | 15 |

2023 Advance Ag Pivot Bio Proven 40 Test | Franklin County, VA

Cooperator's Name: Shawn Montgomery
Planted: 5/10/23 | **Harvested:** 10/11/23

| Hybrid, Brand, or Variety | % Mst | Test Weight | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Test Yield (+/-) | \$ROI (\$/bu) |
|---|-------|-------------|----------|------------|------------|-----------|-----------|------------------|---------------|
| <i>All Strip Test Strips of Proven 40 were added with 2 gal/A of Concept Agri-Tek Total Phos Plus Starter</i> | | | | | | | | | |
| SC1141AM (NO Pivot Bio Proven 40) | 19.4 | 57.5 | 542 | 338 | 10.0 | 0.078 | 118.28 | | |
| SC1141AM PIVOT -NO Banded UAN | 20.9 | 56.5 | 624 | 339 | 10.0 | 0.078 | 133.24 | 14.96 | \$49.80 |
| SC1141AM (NO Pivot Bio Proven 40) | 21.1 | 55.7 | 522 | 318 | 10.0 | 0.073 | 118.52 | | |
| SC1141AM Pivot Bio + Sugar 40 OZ RATE | 21.4 | 56.2 | 618 | 317 | 10.0 | 0.073 | 140.23 | 21.71 | \$83.55 |
| SC1141AM Pivot Bio + Sugar 80 OZ | 21.7 | 57.1 | 582 | 316 | 10.0 | 0.073 | 131.97 | 13.45 | \$42.25 |

Conclusion: Proven 40 Microbes remained active and produced significant Nitrogen in a stressful yield environment (drought) on marginal hilltop soil in Franklin County, VA.

ON FARM TESTING RESULTS



**2023 Advance Ag Corn Variety Evaluation Plot
Broadway, VA**

Cooperator's Name: Mike Thompson | **Planted:** 5/19/23 | **Harvested:** 10/13/23

Previous Crop: Corn | **Row Width:** 30 | **Planting Rate:** 32,000 | **Zone:** 8

Tester: SC1122Q | **Tester Rank:** 5 | **Tester Low:** 98.57 | **Tester High:** 175.58 | **Tester Ave:** 152.68

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Tester + or - | Adjusted Yield | Rank |
|---------------------------|-------------|-------|----------|------------|------------|-----------|-----------|---------------|----------------|------|
| SCX111AM | 2 | 18.90 | 850 | 703.00 | 5.0 | 0.0807 | 179.47 | 12.21 | 164.89 | 1 |
| SC1170AM | 2 | 20.40 | 766 | 710.00 | 5.0 | 0.0815 | 157.18 | 7.78 | 160.46 | 2 |
| SC1112Q | 2 | 19.10 | 794 | 704.00 | 5.0 | 0.0808 | 167.00 | -0.26 | 152.41 | 3 |
| SC1054AM | 2 | 16.90 | 738 | 670.00 | 5.0 | 0.0769 | 167.53 | -0.90 | 151.78 | 4 |
| SC1084AM | 2 | 17.50 | 786 | 693.00 | 5.0 | 0.0795 | 171.26 | -1.25 | 151.43 | 6 |
| SC1094Q | 2 | 17.10 | 782 | 698.00 | 5.0 | 0.0801 | 169.99 | -2.52 | 150.16 | 7 |
| SC1093AM | 2 | 17.70 | 776 | 696.00 | 5.0 | 0.0799 | 167.94 | -4.56 | 148.11 | 8 |
| H4744C2P | 2 | 17.30 | 538 | 715.00 | 5.0 | 0.0821 | 113.89 | -5.48 | 147.20 | 9 |
| H6755RCSS | 2 | 18.50 | 540 | 715.00 | 5.0 | 0.0821 | 112.66 | -6.72 | 145.96 | 10 |
| SC1122Q | 2 | 19.60 | 754 | 705.00 | 5.0 | 0.0809 | 157.38 | -9.88 | 142.80 | 11 |
| SC1134Q | 2 | 19.30 | 712 | 707.00 | 5.0 | 0.0812 | 148.75 | -13.11 | 139.57 | 12 |
| SC1042Q | 2 | 16.40 | 692 | 686.00 | 5.0 | 0.0787 | 154.35 | -14.08 | 138.60 | 13 |
| SC1141AM | 2 | 19.90 | 700 | 708.00 | 5.0 | 0.0813 | 144.95 | -16.91 | 135.77 | 14 |
| SC1018AM | 2 | 16.20 | 672 | 687.00 | 5.0 | 0.0789 | 150.03 | -18.40 | 134.28 | 15 |
| SC1154Q | 2 | 20.00 | 674 | 709.00 | 5.0 | 0.0814 | 139.19 | -22.66 | 130.02 | 16 |

ON FARM TESTING RESULTS



2024 Advance Ag Corn Variety Evaluation Plot | Bridgewater, VA

Cooperator's Name: Kevin & Karen Wenger, Interstate Dairy

Planted: 5/23/24 | **Harvested:** 10/3/24 | **Population:** 31,700

Previous Crop: Corn - Triticale

| Check: 5 replications (1112AM) | | Check Average Rankings | |
|---------------------------------|--------|------------------------|---|
| Milk/Acre | 33825 | Rank (Tons/A @ 35% DM) | 5 |
| Milk/Ton | 3417 | Rank (MILK/ACRE) | 6 |
| Tons/Acre @ 35% DM | 28.26 | | |
| Tons/Acre DM | 21.70 | | |
| % DM | 45.56% | | |
| NEL | 0.83 | | |

| Variety | Yield (tons/acre) | % Dry matter | T/A @35% DM | MILK/TON | MILK/ACRE | 30 hr NDFD | NEL | Starch (%) | Check + or - | ADJUSTED TONS/ACRE @ 35% DM | | ADJUSTED MILK/ACRE | |
|---------|-------------------|--------------|-------------|----------|-----------|------------|------|------------|--------------|-----------------------------|------|--------------------|------|
| | | | | | | | | | | Adjusted | Rank | Adjusted | Rank |
| 1112Q | 23.00 | 45.6% | 29.97 | 3582 | 37571 | 66.00 | 0.86 | 44.7 | 0.54 | 28.80 | 3 | 36128 | 1 |
| 1105PCE | 19.52 | 49.9% | 27.83 | 3413 | 33242 | 65.00 | 0.84 | 42.4 | 1.77 | 30.03 | 1 | 35940 | 2 |
| 1003V | 18.09 | 51.8% | 26.78 | 3495 | 32753 | 62.00 | 0.87 | 48.5 | 0.53 | 28.79 | 4 | 35798 | 3 |
| 1122Q | 20.63 | 49.3% | 29.06 | 3571 | 36326 | 64.00 | 0.89 | 50.0 | -0.37 | 27.90 | 7 | 34883 | 4 |
| 1094Q | 19.60 | 47.8% | 26.76 | 3337 | 31259 | 60.00 | 0.83 | 44.8 | 0.71 | 28.97 | 2 | 33957 | 5 |
| 1185V | 24.60 | 43.2% | 30.37 | 3441 | 36571 | 63.00 | 0.82 | 39.6 | -0.11 | 28.15 | 6 | 33609 | 7 |
| 1154AM | 22.31 | 45.0% | 28.68 | 3551 | 35648 | 66.00 | 0.86 | 43.2 | -1.79 | 26.47 | 10 | 32687 | 8 |
| 1055V | 15.65 | 54.2% | 24.24 | 3482 | 29538 | 65.00 | 0.86 | 47.7 | -2.00 | 26.26 | 11 | 32583 | 9 |
| 1084AM | 17.07 | 50.2% | 24.49 | 3413 | 29253 | 64.00 | 0.85 | 43.6 | -1.75 | 26.51 | 9 | 32298 | 10 |
| 1093AM | 19.12 | 46.1% | 25.19 | 3228 | 28457 | 61.00 | 0.79 | 36.7 | -0.87 | 27.39 | 8 | 31154 | 11 |
| 1135PCE | 21.32 | 44.4% | 27.05 | 3380 | 32002 | 59.00 | 0.81 | 41.0 | -2.38 | 25.88 | 12 | 30560 | 12 |
| 1170AM | 20.41 | 44.8% | 26.12 | 3212 | 29363 | 54.00 | 0.78 | 42.0 | -4.35 | 23.91 | 13 | 26401 | 13 |



2023 Advance Ag Corn Variety Evaluation Plot | New London, NC

Cooperator's Name: John Pickler

Planted: 4/16/23 | **Harvested:** 9/27/23 | **Planting Rate:** 28,000

Previous Crop: Soybeans | **No Till:** Yes | **Zone:** 8 | **Row Width:** 30

Tester: SC1112AM | **Tester Rank:** 5 | **Tester Low:** 165.68 | **Tester High:** 187.48 | **Tester Ave:** 178.75

| Hybrid, Brand, or Variety | No. of Rows | % Mst | Test Weight | Lbs Hvst | Row Length | Hvst Width | Hvst Area | Raw Yield | Tester + or - | Adjusted Yield | Rank |
|---------------------------|-------------|-------|-------------|----------|------------|------------|-----------|-----------|---------------|----------------|------|
| SC1093AM | 2 | 15.7 | 57.6 | 578 | 468.0 | 5.0 | 0.0537 | 190.56 | 12.09 | 190.85 | 1 |
| DKC 66-06 | 2 | 17.1 | 58.5 | 582 | 468.0 | 5.0 | 0.0537 | 188.69 | 10.23 | 188.98 | 2 |
| SC1112AM | 2 | 15.7 | 58.4 | 572 | 468.0 | 5.0 | 0.0537 | 188.58 | 7.04 | 185.79 | 3 |
| SC1170AM | 2 | 16.6 | 58.4 | 584 | 468.0 | 5.0 | 0.0537 | 190.48 | 3.55 | 182.31 | 4 |
| DG54VC15 | 2 | 16.4 | 59.6 | 568 | 468.0 | 5.0 | 0.0537 | 185.70 | -1.22 | 177.53 | 5 |
| SC1084AM | 2 | 14.9 | 57.4 | 514 | 464.8 | 5.0 | 0.0533 | 172.26 | -1.24 | 177.51 | 6 |
| SC1183AM | 2 | 16.7 | 57.7 | 546 | 468.0 | 5.0 | 0.0537 | 177.87 | -9.06 | 169.70 | 7 |
| SC1141AM | 2 | 15.9 | 58.0 | 532 | 468.0 | 5.0 | 0.0537 | 174.97 | -11.95 | 166.80 | 8 |
| SC1183AM | 2 | 16.8 | 57.5 | 528 | 468.0 | 5.0 | 0.0537 | 171.80 | -15.13 | 163.63 | 9 |
| SC1018AM | 2 | 15.2 | 57.3 | 460 | 458.3 | 5.0 | 0.0526 | 155.80 | -17.70 | 161.05 | 10 |
| SC1154Q | 2 | 17.6 | 58.5 | 520 | 468.0 | 5.0 | 0.0537 | 167.57 | -19.36 | 159.40 | 11 |
| SC1054AM | 2 | 15.4 | 56.2 | 478 | 468.0 | 5.0 | 0.0537 | 158.15 | -20.31 | 158.44 | 12 |
| SC1134AM | 2 | 16.7 | 57.5 | 490 | 468.0 | 5.0 | 0.0537 | 159.63 | -21.91 | 156.84 | 13 |
| SC1094Q | 2 | 15.9 | 57.8 | 454 | 468.0 | 5.0 | 0.0537 | 149.32 | -32.22 | 146.54 | 14 |
| SC1042Q | 2 | 15.1 | 57.6 | 368 | 461.5 | 5.0 | 0.0530 | 123.91 | -49.59 | 129.16 | 15 |

