

PERFORMANCE OF RYEGRASS VARIETIES IN ALABAMA, 2019-2020

DEPT. SERIES NO. CSES2020: RYEGRASS
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CROP, SOIL & ENVIRONMENTAL SCIENCES
AUBURN UNIVERSITY, AUBURN AL
JUNE 29, 2020

MISSION

The mission of the Auburn University Variety Testing Program is to provide research-based, unbiased results on the performance of various crop hybrids, cultivars, and varieties to the agricultural community in our state. We are intent on conducting these trials in a manner that will result in maximum biological yield through methods common to the top-producing farms in Alabama. We are committed to providing this information in a timely manner for its use during the decision-making process. The success of the program rests upon our ability to help Alabama producers provide a safe, dependable source of food and fiber for all families as well as economic sustainability for theirs.

HOW TO INTERPRET RESULTS

The purpose of the variety trial data is to determine whether differences are due to genetic performance. These differences cannot be measured absolutely due to environmental field conditions (rainfall, temperatures, soil fertility, soil type, disease, insects, etc.). Yields may differ between plots of the same entry. This variation is accounted for using experimental design and statistics.

The least significant difference (LSD) is used to determine whether the observed differences between entries are real or are caused by random variation. When using the LSD, two entries may have numerically different values but the values are not statistically different. When two entries are compared and the observed difference is larger than the LSD, the entries are considered statistically different. An alpha level of 0.10 is used, meaning that the differences observed are expected to be real 90% of the time.

The coefficient of variation (CV) is a measure used to compare the amount of random variation within a data set. The lower the CV, the more precise the data set.

Each table is organized in a manner that it is easy to read. The data is sorted from highest yielding to lowest. The bolded values are not statistically different from the highest yielding value.

A dark line in the table visually represents the test average. Any value above the line is equal to or greater than the test average. The numeric value for the test average is at the bottom of the tables.



ACKNOWLEDGEMENTS

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2018-2019 PERFORMANCE OF RYEGRASS VARIETIES IN ALABAMA “LAST YEAR’S DATA”

TRIAL MANAGEMENT

Yields are calculated on a dry matter basis. A subsample, taken from each plot, is oven-dried and used to calculate percent dry matter.

TABLE 1 - AGRONOMIC INFORMATION

| Crop | Seeding Rate | Row Spacing | Plot Size | Number of Replications |
|----------|--------------|-------------|-----------|------------------------|
| Ryegrass | 20 lbs/acre | 7 inch | 5 x 20 ft | 3-4 |

TABLE 2 - LOCATION SPECIFIC INFORMATION

| Research Center | Sand Mountain | E.V. Smith Plant Breeding Unit | Wiregrass | Gulf Coast |
|----------------------|---|-----------------------------------|---|---|
| Location | Crossville | Tallasse | Headland | Fairhope |
| Region | North | North | South | South |
| Plant Date | 11/19/2019 | 10/18/2019 | 10/28/19 | 10/28/19 |
| Harvest 1 | 3/27/2020 | 2/3/2020 | 2/3/2020 | 1/21/2020 |
| Harvest 2 | 4/17/2020 | 2/28/2020 | 3/2/2020 | 2/27/2020 |
| Harvest 3 | 5/7/2020 | 4/3/2020 | 3/19/2020 | 3/19/2020 |
| Harvest 4 | 6/2/2020 | N/A | 4/17/2020 | 4/4/2020 |
| Soil Type | Hartselle Fine Sandy Loam | Kalmia Loamy Sand | Dothan Sandy Loam | Malbis Fine Sandy Loam |
| Tillage | Conventional | Conventional | Conventional | No-Till |
| Pre-plant Fertilizer | 20 lbs/acre N | 50 lbs/acre N, 41 lbs/acre P | 34 lbs/acre N,P,K | 50 lbs/acre N,P,K |
| In Season Fertilizer | 50 lbs/acre N on 3/8/2020 50 lbs/acre N after each cut | 50 lbs/acre N after each cut | 50 lbs/acre N on 1/9/2020 50 lbs/acre N after each cut | 50 lbs/acre N on 12/19/2019 50 lbs/acre N after each cut |
| Herbicides | None | None | None | None |
| Insecticides | None | None | None | None |
| Fungicides | None | None | None | None |

| Research Center | Sand Mountain | E.V. Smith Plant Breeding Unit | Wiregrass | Gulf Coast |
|--------------------------|---|---|--|-----------------------|
| Test Conducted By | C. McElmoyl J. Bloodworth J. Clayton T. Brothers | F. Jackson H. Mote J. Burkett N. Stockdale | C. McNaughton C. Parker C. Thomas E. Richards H. McDaniel J. Greene J. Mullen J.D. Galloway K. Hodges L. Wells M. Davis T. Graves | J. Jones M. Pegues |

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SEED SOURCES

TABLE 3 - SOURCE OF SEED, VARIETY NAME, AND LOCATION TESTED

| Source | Source Location | Variety | <u>Sand Mountain</u> | <u>Plant Breeding Unit</u> | <u>Wiregrass</u> | <u>Gulf Coast</u> |
|-----------------------|--------------------|---|----------------------|----------------------------|------------------|-------------------|
| Lewis Seed Company | Shedd, Oregon | Grits Diploid LSC-B1191 Diploid | Yes | Yes | Yes | Yes |
| Mountain View Seeds | Salem, Oregon | CENTURION | Yes | Yes | No | No |
| | | RANAHAN | Yes | Yes | Yes | Yes |
| Oregro Seeds | Albany, Oregon | Diamond T Double Diamond Flying A K014-WEAR TAMTBO Triangle T Winterhawk | Yes | Yes | Yes | Yes |
| Pennington Seed | Madison, Georgia | Passerel Plus PPER7 | Yes | Yes | Yes | Yes |
| Smith Seed Services | Halsey, Oregon | Attain Baqueano FrostProof Green Farm 2 Rapido Trinova | Yes | Yes | Yes | Yes |
| The Wax Company | Amory, Mississippi | Jackson M2CVS Exp ME4 Exp ME94 Exp Nelson Tetraploid Wax Marshall WML-2 Exp WMWL Exp | Yes | Yes | Yes | Yes |
| University of Georgia | Athens, Georgia | GALM 1516 GALM 1517 GALM 1618 | Yes | Yes | Yes | Yes |

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2020 STATEWIDE SUMMARY

TABLE 4 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | Statewide | North | South | Sand Mountain | EV Smith PBU | Wiregrass | Gulf Coast |
|------------------|-------------|-------------|-------------|---------------|--------------|-----------|-------------|
| Wax ME-4 | 4373 | 4316 | 4431 | 6233 | 2400 | 3375 | 5487 |
| LSC-B1191 | 4336 | 4109 | 4562 | 5528 | 2690 | 2912 | 6213 |
| Passerel Plus | 4286 | 4311 | 4260 | 6188 | 2434 | 3260 | 5260 |
| GALM1516 | 4257 | 4261 | 4253 | 5579 | 2944 | 3090 | 5415 |
| GALM1517 | 4188 | 4030 | 4345 | 5696 | 2364 | 2961 | 5729 |
| FrostProof | 4010 | 3881 | 4139 | 5009 | 2752 | 2857 | 5422 |
| Centurion | . | 3860 | . | 5452 | 2267 | . | . |
| WMWL-2 | 4009 | 3588 | 4430 | 5056 | 2119 | 3212 | 5647 |
| Grits | 3981 | 3938 | 4023 | 5363 | 2513 | 2988 | 5059 |
| Triangle T | 3977 | 3795 | 4160 | 5508 | 2081 | 3084 | 5235 |
| Diamond T | 3967 | 3379 | 4555 | 4967 | 1791 | 3305 | 5806 |
| Wax Marshall | 3963 | 3848 | 4079 | 5141 | 2554 | 2843 | 5315 |
| Nelson | 3954 | 3734 | 4173 | 5163 | 2305 | 3116 | 5230 |
| Trinova | 3949 | 3485 | 4414 | 5437 | 1532 | 3157 | 5670 |
| GALM 1618 | 3945 | 3609 | 4280 | 5223 | 1994 | 3509 | 5052 |
| Double Diamond | 3917 | 3600 | 4235 | 5177 | 2023 | 3397 | 5073 |
| Jackson | 3916 | 3532 | 4300 | 4995 | 2069 | 3093 | 5506 |
| Green Farm 2 | 3906 | 3719 | 4092 | 5311 | 2128 | 2821 | 5364 |
| Wax ME-94 | 3903 | 3724 | 4082 | 5075 | 2372 | 2882 | 5282 |
| WMWL | 3901 | 3550 | 4252 | 4993 | 2107 | 3281 | 5222 |
| Rapido | 3866 | 3756 | 3977 | 4715 | 2796 | 3139 | 4816 |
| Flying A | 3860 | 3788 | 3932 | 5326 | 2249 | 3349 | 4514 |
| PPER7 | 3815 | 3790 | 3839 | 5393 | 2188 | 2836 | 4842 |
| Baqueano | 3785 | 3623 | 3948 | 5472 | 1773 | 3148 | 4748 |
| Ranahan | 3774 | 3612 | 3937 | 4933 | 2291 | 3232 | 4641 |
| TAMTBO | 3773 | 3503 | 4042 | 5068 | 1938 | 3122 | 4963 |
| Attain | 3760 | 3400 | 4120 | 4915 | 1884 | 3161 | 5078 |
| M2CVS | 3735 | 3577 | 3892 | 4981 | 2173 | 2507 | 5278 |
| Winterhawk | 3715 | 3637 | 3793 | 5077 | 2197 | 2860 | 4725 |
| K014-WEAR | 3479 | 3185 | 3774 | 4638 | 1732 | 2793 | 4754 |
| | | | | | | | |
| Average | 3941 | 3738 | 4149 | 5254 | 2222 | 3079 | 5219 |
| LSD at 10% level | 338 | 504 | 444 | N.S. | 461 | N.S. | 669 |
| CV | 37 | 44 | 29 | 14 | 21 | 14 | 12 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

NORTH REGION MULTI-YEAR SUMMARY

TABLE 5 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | North | Statewide | 2019 | 2018 |
|------------------|-------------|-------------|------|------|
| Wax ME-4 | 4316 | 4373 | | |
| Passerel Plus | 4311 | 4286 | | |
| GALM1516 | 4261 | 4257 | | |
| LSC-B1191 | 4109 | 4336 | | |
| GALM1517 | 4030 | 4188 | | |
| Grits | 3938 | 3981 | | |
| FrostProof | 3881 | 4010 | | |
| Centurion | 3860 | . | | |
| Wax Marshall | 3848 | 3963 | | |
| Triangle T | 3795 | 3977 | | |
| PPER7 | 3790 | 3815 | | |
| Flying A | 3788 | 3860 | | |
| Rapido | 3756 | 3866 | | |
| Nelson | 3734 | 3954 | | |
| Wax ME-94 | 3724 | 3903 | | |
| Green Farm 2 | 3719 | 3906 | | |
| Winterhawk | 3637 | 3715 | | |
| Baqueano | 3623 | 3785 | | |
| Ranahan | 3612 | 3774 | | |
| GALM 1618 | 3609 | 3945 | | |
| Double Diamond | 3600 | 3917 | | |
| WMWL-2 | 3588 | 4009 | | |
| M2CVS | 3577 | 3735 | | |
| WMWL | 3550 | 3901 | | |
| Jackson | 3532 | 3916 | | |
| TAMTBO | 3503 | 3773 | | |
| Trinova | 3485 | 3949 | | |
| Attain | 3400 | 3760 | | |
| Diamond T | 3379 | 3967 | | |
| K014-WEAR | 3185 | 3479 | | |
| | | | | |
| Average | 3738 | 3941 | | |
| LSD at 10% level | 504 | 338 | | |
| CV | 44 | 37 | | |

During the previous two years, data from at least one of the two North Region locations was not available. Therefore, a regional summary for the previous two years was not possible. The location tables for the previous two years can be viewed in the [2018-2019 Ryegrass Variety Report](#) and in the [2017-2018 Ryegrass Variety Report](#).

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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SOUTH REGION MULTI-YEAR SUMMARY

TABLE 6 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | South Region 2020 | South Region 2019 | South Region 2018 | Statewide 2020 |
|------------------|----------------------|----------------------|----------------------|-------------------|
| LSC-B1191 | 4562 | 5309 | 4735 | 4336 |
| Diamond T | 4555 | 5707 | . | 3967 |
| Wax ME-4 | 4431 | 5486 | 5125 | 4373 |
| WMWL-2 | 4430 | 6113 | . | 4009 |
| Trinova | 4414 | 5730 | . | 3949 |
| GALM1517 | 4345 | 5411 | . | 4188 |
| Jackson | 4300 | 5374 | 4758 | 3916 |
| GALM 1618 | 4280 | 5700 | . | 3945 |
| Passerel Plus | 4260 | 5337 | 4832 | 4286 |
| GALM1516 | 4253 | 5204 | . | 4257 |
| WMWL | 4252 | 5566 | 4693 | 3901 |
| Double Diamond | 4235 | 5615 | . | 3917 |
| Nelson | 4173 | 5854 | 4873 | 3954 |
| Triangle T | 4160 | 6047 | . | 3977 |
| FrostProof | 4139 | 5371 | 4697 | 4010 |
| Attain | 4120 | 5427 | 4665 | 3760 |
| Green Farm 2 | 4092 | . | . | 3906 |
| Wax ME-94 | 4082 | 5692 | 4880 | 3903 |
| Wax Marshall | 4079 | 5981 | 4898 | 3963 |
| TAMTBO | 4042 | 5974 | . | 3773 |
| Grits | 4023 | 5335 | 4717 | 3981 |
| Rapido | 3977 | 5402 | . | 3866 |
| Baquano | 3948 | 5635 | . | 3785 |
| Ranahan | 3937 | . | . | 3774 |
| Flying A | 3932 | 5475 | . | 3860 |
| M2CVS | 3892 | 5421 | 5011 | 3735 |
| PPER7 | 3839 | . | . | 3815 |
| Winterhawk | 3793 | 5375 | . | 3715 |
| K014-WEAR | 3774 | . | . | 3479 |
| Average | 4162 | 5582 | 4823 | 3958 |
| LSD at 10% level | 444 | 451 | 360 | 338 |
| CV | 29 | 11 | 16 | 37 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

SAND MOUNTAIN RESEARCH AND EXTENSION CENTER

CROSSVILLE, AL

TABLE 7 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | 1st Harvest 3/27/2020 | 2 nd Harvest 4/17/2020 | 3 rd Harvest 5/7/2020 | 4 th Harvest 6/2/2020 | Season Total |
|------------------|--------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-----------------|
| Wax ME-4 | 664 | 1420 | 1498 | 2650 | 6233 |
| Passerel Plus | 756 | 1324 | 1628 | 2480 | 6188 |
| GALM1517 | 692 | 1284 | 1618 | 2102 | 5696 |
| GALM1516 | 1137 | 1149 | 1524 | 1769 | 5579 |
| LSC-B1191 | 717 | 1109 | 1733 | 1969 | 5528 |
| Triangle T | 793 | 1221 | 1679 | 1816 | 5508 |
| Baqueuano | 762 | 1131 | 1477 | 2101 | 5472 |
| Centurion | 587 | 1358 | 1385 | 2122 | 5452 |
| Trinova | 751 | 1156 | 1575 | 1955 | 5437 |
| PPER7 | 363 | 1295 | 1416 | 2319 | 5393 |
| Grits | 828 | 1132 | 1461 | 1942 | 5363 |
| Flying A | 914 | 1178 | 1652 | 1582 | 5326 |
| Green Farm 2 | 764 | 1072 | 1632 | 1843 | 5311 |
| GALM 1618 | 694 | 1247 | 1464 | 1817 | 5223 |
| Double Diamond | 773 | 1177 | 1492 | 1734 | 5177 |
| Nelson | 816 | 1353 | 1472 | 1522 | 5163 |
| Wax Marshall | 598 | 1171 | 1390 | 1982 | 5141 |
| Winterhawk | 546 | 1207 | 1368 | 1956 | 5077 |
| Wax ME-94 | 541 | 1346 | 1506 | 1682 | 5075 |
| TAMTBO | 605 | 1044 | 1606 | 1813 | 5068 |
| WMWL-2 | 583 | 1538 | 1213 | 1721 | 5056 |
| FrostProof | 551 | 1140 | 1273 | 2047 | 5009 |
| Jackson | 367 | 1063 | 1370 | 2194 | 4995 |
| WMWL | 657 | 1213 | 1195 | 1928 | 4993 |
| M2CVS | 193 | 1217 | 1492 | 2079 | 4981 |
| Diamond T | 790 | 1143 | 1379 | 1655 | 4967 |
| Ranahan | 737 | 1080 | 1353 | 1764 | 4933 |
| Attain | 817 | 989 | 1360 | 1749 | 4915 |
| Rapido | 831 | 1118 | 1400 | 1365 | 4715 |
| K014-WEAR | 355 | 1309 | 1194 | 1683 | 4638 |
| | | | | | |
| Average | 673 | 1206 | 1460 | 1911 | 5254 |
| LSD at 10% level | 182 | N.S. | 217 | N.S. | N.S. |
| CV | 37 | 20 | 16 | 31 | 14 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

E.V. SMITH RESEARCH AND EXTENSION CENTER
PLANT BREEDING UNIT - TALLASSEE, AL

TABLE 8 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | 1st Harvest 2/3/2020 | 2nd Harvest 2/28/2020 | 3 rd Harvest 4/3/2020 | Season Total |
|------------------|-------------------------|--------------------------|-------------------------------------|-----------------|
| GALM1516 | 1111 | 674 | 1159 | 2944 |
| Rapido | 1072 | 710 | 1013 | 2796 |
| FrostProof | 983 | 390 | 1379 | 2752 |
| LSC-B1191 | 1295 | 573 | 822 | 2690 |
| Wax Marshall | 743 | 785 | 1027 | 2554 |
| Grits | 1085 | 485 | 943 | 2513 |
| Passerel Plus | 1184 | 432 | 818 | 2434 |
| Wax ME-4 | 944 | 330 | 1125 | 2400 |
| Wax ME-94 | 681 | 568 | 1123 | 2372 |
| GALM1517 | 1172 | 465 | 727 | 2364 |
| Nelson | 1032 | 451 | 823 | 2305 |
| Ranahan | 1002 | 494 | 795 | 2291 |
| Centurion | 1005 | 512 | 750 | 2267 |
| Flying A | 848 | 426 | 975 | 2249 |
| Winterhawk | 912 | 355 | 930 | 2197 |
| PPER7 | 945 | 535 | 708 | 2188 |
| M2CVS | 735 | 476 | 962 | 2173 |
| Green Farm 2 | 1050 | 284 | 793 | 2128 |
| WMWL-2 | 638 | 375 | 1106 | 2119 |
| WMWL | 819 | 467 | 821 | 2107 |
| Triangle T | 739 | 348 | 994 | 2081 |
| Jackson | 932 | 315 | 822 | 2069 |
| Double Diamond | 818 | 245 | 960 | 2023 |
| GALM 1618 | 824 | 300 | 871 | 1994 |
| TAMTBO | 756 | 339 | 842 | 1938 |
| Attain | 717 | 408 | 759 | 1884 |
| Diamond T | 794 | 309 | 687 | 1791 |
| Baqueano | 590 | 571 | 613 | 1773 |
| K014-WEAR | 394 | 540 | 798 | 1732 |
| Trinova | 512 | 319 | 701 | 1532 |
| | | | | |
| Average | 878 | 449 | 895 | 2222 |
| LSD at 10% level | 357 | 196 | 317 | 461 |
| CV | 38 | 43 | 31 | 21 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

WIREGRASS RESEARCH AND EXTENSION CENTER

HEADLAND, AL

TABLE 9 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | 1 st Harvest | 2 nd Harvest | 3 rd Harvest | 4 th Harvest | Season |
|------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | 1/20/2020 | 3/2/2020 | 3/19/2020 | 4/17/2020 | Total |
| GALM 1618 | 521 | 1305 | 1020 | 664 | 3509 |
| Double Diamond | 582 | 1204 | 977 | 634 | 3397 |
| Wax ME-4 | 467 | 1331 | 1058 | 518 | 3375 |
| Flying A | 505 | 1281 | 971 | 592 | 3349 |
| Diamond T | 534 | 1271 | 952 | 547 | 3305 |
| WMWL | 504 | 1192 | 1012 | 573 | 3281 |
| Passerel Plus | 570 | 1161 | 978 | 552 | 3260 |
| Ranahan | 485 | 1181 | 995 | 572 | 3232 |
| WMWL-2 | 516 | 1160 | 982 | 554 | 3212 |
| Attain | 434 | 1101 | 995 | 631 | 3161 |
| Trinova | 486 | 1096 | 980 | 594 | 3157 |
| Baqueano | 428 | 1126 | 959 | 635 | 3148 |
| Rapido | 430 | 1220 | 984 | 504 | 3139 |
| TAMTBO | 518 | 1083 | 973 | 547 | 3122 |
| Nelson | 446 | 1189 | 938 | 544 | 3116 |
| Jackson | 344 | 1221 | 1083 | 446 | 3093 |
| GALM1516 | 376 | 1245 | 891 | 579 | 3090 |
| Triangle T | 410 | 1231 | 940 | 503 | 3084 |
| Grits | 417 | 1115 | 947 | 509 | 2988 |
| GALM1517 | 448 | 1130 | 854 | 530 | 2961 |
| LSC-B1191 | 383 | 1168 | 878 | 483 | 2912 |
| Wax ME-94 | 369 | 1130 | 818 | 564 | 2882 |
| Winterhawk | 301 | 1129 | 837 | 594 | 2860 |
| FrostProof | 418 | 1076 | 838 | 525 | 2857 |
| Wax Marshall | 467 | 1021 | 809 | 546 | 2843 |
| PPER7 | 509 | 1017 | 817 | 493 | 2836 |
| Green Farm 2 | 391 | 972 | 936 | 523 | 2821 |
| K014-WEAR | 437 | 1014 | 862 | 480 | 2793 |
| M2CVS | 185 | 860 | 761 | 701 | 2507 |
| | | | | | |
| Average | 442 | 1146 | 933 | 556 | 3079 |
| LSD at 10% level | 142 | 212 | N.S. | 139 | N.S. |
| CV | 31 | 17 | 22 | 23 | 14 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

GULF COAST RESEARCH AND EXTENSION CENTER
FAIRHOPE, AL

TABLE 9 - DRY MATTER YIELD BY HARVEST TIMING (LB/ACRE)

| Variety | 1 st Harvest | 2 nd Harvest | 3 rd Harvest | 4 th Harvest | Season |
|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|
| | 1/20/2020 | 3/2/2020 | 3/19/2020 | 4/8/2020 | Total |
| LSC-B1191 | 2022 | 1403 | 1542 | 1245 | 6213 |
| Diamond T | 1750 | 1280 | 1625 | 1151 | 5806 |
| GALM1517 | 1919 | 1203 | 1501 | 1106 | 5729 |
| Trinova | 1548 | 1262 | 1504 | 1357 | 5670 |
| WMWL-2 | 1619 | 1407 | 1485 | 1137 | 5647 |
| Jackson | 1761 | 1200 | 1466 | 1079 | 5506 |
| Wax ME-4 | 1733 | 1184 | 1469 | 1101 | 5487 |
| FrostProof | 1843 | 1101 | 1418 | 1060 | 5422 |
| GALM1516 | 1596 | 1300 | 1439 | 1080 | 5415 |
| Green Farm 2 | 1578 | 1338 | 1437 | 1010 | 5364 |
| Wax Marshall | 1526 | 1232 | 1454 | 1104 | 5315 |
| Wax ME-94 | 1476 | 1234 | 1560 | 1012 | 5282 |
| M2CVS | 1654 | 1113 | 1367 | 1145 | 5278 |
| Passerel Plus | 1720 | 1103 | 1434 | 1004 | 5260 |
| Triangle T | 1684 | 1121 | 1406 | 1025 | 5235 |
| Nelson | 1630 | 1107 | 1432 | 1061 | 5230 |
| WMWL | 1695 | 1219 | 1322 | 987 | 5222 |
| Attain | 1431 | 1167 | 1461 | 1024 | 5078 |
| Double Diamond | 1427 | 1094 | 1456 | 1096 | 5073 |
| Grits | 1337 | 1127 | 1428 | 1167 | 5059 |
| GALM 1618 | 1480 | 1157 | 1397 | 1018 | 5052 |
| TAMTBO | 1574 | 1105 | 1312 | 971 | 4963 |
| PPER7 | 1369 | 1172 | 1331 | 970 | 4842 |
| Rapido | 1307 | 1132 | 1401 | 975 | 4816 |
| K014-WEAR | 1270 | 1132 | 1330 | 1023 | 4754 |
| Baqueuano | 1443 | 1103 | 1178 | 1025 | 4748 |
| Winterhawk | 1018 | 1240 | 1411 | 1055 | 4725 |
| Ranahan | 1360 | 1091 | 1244 | 946 | 4641 |
| Flying A | 1322 | 991 | 1188 | 1014 | 4514 |
| Average | 1555 | 1183 | 1414 | 1067 | 5219 |
| LSD at 10% level | N.S. | N.S. | 186 | 189 | 669 |
| CV | 25 | 18 | 12 | 16 | 12 |

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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