

Table 1. Winter Annual Small Grain Forages, 2018-2019, Agricultural Science Center at Clovis

Investigators: B. Niece, A. Scott, and A. Mesbah

Test Description

| Location: | Management Practices: | Growing Conditions: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------------|------------|------|--|-------|--|-------------|--|--|----------|----|-----------|----------|----------|--------|-------------------------------|----------|--------|---|-----------|--------|----------|----------|--------|---|----------|--------|-------------|--|--|----------|------------|--------|------------------------|---------|--------|-------------|-----------|--------|---------------|--|--|--------|---------|--------|--|--|---------|--|--|--|-------|---------|------------|--|----|-----|-----|----------|------|------|------|----------|------|------|------|---------|------|------|------|----------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|-----------|--|--|--|------------------------|--|----------|--|------------------|--|-----------|--|
| County/Area: Curry Longitude: -103.22 Latitude: 34.60 Elevation: 4435 ft. Soil Name: Olton Soil Texture: clay loam Soil Depth: >60 in. | Previous Crop: fallow Planting Date: 21-Nov <u>Forage Harvest - Single harvest per plot</u> Harvest Dates: 2-May to 24-May (Mechanically harvested all of each plot based on stage of maturity. Clipping height was 1 to 2 in.) Production Inputs: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;">Rate</td> <td style="text-align: center;">Date</td> </tr> <tr> <td></td> <td style="text-align: center;">lb/ac</td> <td></td> </tr> <tr> <td colspan="3">Fertilizer:</td> </tr> <tr> <td>Nitrogen</td> <td style="text-align: center;">33</td> <td style="text-align: center;">carryover</td> </tr> <tr> <td>Nitrogen</td> <td style="text-align: center;">35 lb/ac</td> <td style="text-align: center;">29-Sep</td> </tr> <tr> <td>P₂O₅</td> <td style="text-align: center;">30 lb/ac</td> <td style="text-align: center;">29-Sep</td> </tr> <tr> <td>S</td> <td style="text-align: center;">4.7 lb/ac</td> <td style="text-align: center;">29-Sep</td> </tr> <tr> <td>Nitrogen</td> <td style="text-align: center;">73 lb/ac</td> <td style="text-align: center;">28-Feb</td> </tr> <tr> <td>S</td> <td style="text-align: center;">13 lb/ac</td> <td style="text-align: center;">28-Feb</td> </tr> <tr> <td colspan="3">Herbicides:</td> </tr> <tr> <td>Lo-Vol 6</td> <td style="text-align: center;">12.0 oz/ac</td> <td style="text-align: center;">25-Mar</td> </tr> <tr> <td>Prowl H₂O</td> <td style="text-align: center;">3 pt/ac</td> <td style="text-align: center;">25-Mar</td> </tr> <tr> <td>Affinity BS</td> <td style="text-align: center;">0.6 oz/ac</td> <td style="text-align: center;">25-Mar</td> </tr> <tr> <td colspan="3">Insecticides:</td> </tr> <tr> <td>Govern</td> <td style="text-align: center;">1 pt/ac</td> <td style="text-align: center;">25-Mar</td> </tr> </table> | | Rate | Date | | lb/ac | | Fertilizer: | | | Nitrogen | 33 | carryover | Nitrogen | 35 lb/ac | 29-Sep | P ₂ O ₅ | 30 lb/ac | 29-Sep | S | 4.7 lb/ac | 29-Sep | Nitrogen | 73 lb/ac | 28-Feb | S | 13 lb/ac | 28-Feb | Herbicides: | | | Lo-Vol 6 | 12.0 oz/ac | 25-Mar | Prowl H ₂ O | 3 pt/ac | 25-Mar | Affinity BS | 0.6 oz/ac | 25-Mar | Insecticides: | | | Govern | 1 pt/ac | 25-Mar | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Average</th> <th></th> <th></th> </tr> <tr> <th></th> <th style="text-align: center;">Temp.</th> <th style="text-align: center;">Precip.</th> <th style="text-align: center;">Irrigation</th> </tr> <tr> <th></th> <th style="text-align: center;">°F</th> <th style="text-align: center;">in.</th> <th style="text-align: center;">in.</th> </tr> </thead> <tbody> <tr> <td>November</td> <td style="text-align: center;">43.0</td> <td style="text-align: center;">0.17</td> <td style="text-align: center;">0.90</td> </tr> <tr> <td>December</td> <td style="text-align: center;">27.5</td> <td style="text-align: center;">0.14</td> <td style="text-align: center;">0.40</td> </tr> <tr> <td>January</td> <td style="text-align: center;">38.5</td> <td style="text-align: center;">0.16</td> <td style="text-align: center;">0.60</td> </tr> <tr> <td>February</td> <td style="text-align: center;">41.4</td> <td style="text-align: center;">0.18</td> <td style="text-align: center;">1.00</td> </tr> <tr> <td>March</td> <td style="text-align: center;">45.7</td> <td style="text-align: center;">1.11</td> <td style="text-align: center;">1.20</td> </tr> <tr> <td>April</td> <td style="text-align: center;">56.0</td> <td style="text-align: center;">2.49</td> <td style="text-align: center;">2.80</td> </tr> <tr> <td>May†</td> <td style="text-align: center;">63.2</td> <td style="text-align: center;">0.74</td> <td style="text-align: center;">3.60</td> </tr> <tr> <td colspan="4" style="text-align: left;">†May 1-24</td> </tr> <tr> <td>Seasonal Precipitation</td> <td></td> <td style="text-align: center;">4.99 in.</td> <td></td> </tr> <tr> <td>Total Irrigation</td> <td></td> <td style="text-align: center;">10.50 in.</td> <td></td> </tr> </tbody> </table> | | Average | | | | Temp. | Precip. | Irrigation | | °F | in. | in. | November | 43.0 | 0.17 | 0.90 | December | 27.5 | 0.14 | 0.40 | January | 38.5 | 0.16 | 0.60 | February | 41.4 | 0.18 | 1.00 | March | 45.7 | 1.11 | 1.20 | April | 56.0 | 2.49 | 2.80 | May† | 63.2 | 0.74 | 3.60 | †May 1-24 | | | | Seasonal Precipitation | | 4.99 in. | | Total Irrigation | | 10.50 in. | |
| | Rate | Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | lb/ac | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fertilizer: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nitrogen | 33 | carryover | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nitrogen | 35 lb/ac | 29-Sep | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P ₂ O ₅ | 30 lb/ac | 29-Sep | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | 4.7 lb/ac | 29-Sep | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nitrogen | 73 lb/ac | 28-Feb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | 13 lb/ac | 28-Feb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Herbicides: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lo-Vol 6 | 12.0 oz/ac | 25-Mar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prowl H ₂ O | 3 pt/ac | 25-Mar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Affinity BS | 0.6 oz/ac | 25-Mar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insecticides: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Govern | 1 pt/ac | 25-Mar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Temp. | Precip. | Irrigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | °F | in. | in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| November | 43.0 | 0.17 | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| December | 27.5 | 0.14 | 0.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 38.5 | 0.16 | 0.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| February | 41.4 | 0.18 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| March | 45.7 | 1.11 | 1.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April | 56.0 | 2.49 | 2.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May† | 63.2 | 0.74 | 3.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| †May 1-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seasonal Precipitation | | 4.99 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Irrigation | | 10.50 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test Design: Replications: 3 Plot Length: 5 ft. Plot Width: 6.25 ft. Rows per Plot: 11 Drill Row Spacing: 6.25 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seeding Rate: All Entries: 100 lb/a | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Notes: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 2. Forage Harvest - Winter Annual Small Grain Forages - 2018-2019 - NMSU Agricultural Science Center at Clovis

| Company Name | Variety Name | Species [†] | Harvest Date | Dry | 65% | Moisture | Milk/Ton | Milk/Acre | |
|-------------------------|---------------------|----------------------|--------------|-------------|----------------------|--------------|----------|-----------|--------|
| | | | | Forage T/ac | Moisture Forage T/ac | at Harvest % | | | |
| Watley Seed Co. | Slicktrit II | T | 24-May | 6.8 *** | 19.3 *** | 76.3 | 2780 | 18648 *** | |
| Sharp Brothers Seed Co. | Trit 813 | T | 17-May | 6.4 * | 18.2 * | 82.7 * | 2720 | 17329 * | |
| Ehmke Seed | Thunder Tall II | T | 24-May | 6.1 * | 17.4 * | 77.0 | 2681 | 16295 * | |
| Sharp Brothers Seed Co. | Trit Flex 719 | T | 14-May | 6.1 * | 17.3 * | 78.7 | 2900 | 17566 * | |
| Ehmke Seed | Thunder Tall | T | 17-May | 5.8 * | 16.6 * | 81.3 | 3048 | 17739 * | |
| Curtis and Curtis Seed | Smooth Grazer Plus | W/T | 14-May | 5.4 | 15.4 | 82.3 * | 3005 | 16227 * | |
| Curtis and Curtis Seed | Trical 813 | T | 14-May | 5.1 | 14.5 | 81.7 * | 3056 | 15573 * | |
| Curtis and Curtis Seed | Bearded Trit | T | 20-May | 5.1 | 14.5 | 78.0 | 2624 | 13316 | |
| Curtis and Curtis Seed | Smooth Grazer | W/T | 14-May | 5.0 | 14.4 | 80.3 | 3034 | 15306 | |
| Texas A&M Agrilife | tx14vt70526 | T | 8-May | 5.0 | 14.2 | 83.3 * | 3222 | 15998 * | |
| Curtis and Curtis Seed | Trical 348 | T | 14-May | 4.9 | 13.9 | 82.3 * | 3118 | 15170 | |
| Texas A&M Agrilife | tx16vt68295 | T | 8-May | 4.8 | 13.7 | 81.7 * | 3111 | 14906 | |
| Texas A&M Agrilife | tx12vt8222-4 | T | 8-May | 4.7 | 13.5 | 81.7 * | 3031 | 14316 | |
| Agri Pro | Bob Dole | W | 8-May | 4.7 | 13.4 | 78.7 | 2757 | 13024 | |
| Ehmke Seed | Thunder Cale V | T | 8-May | 4.6 | 13.0 | 83.0 * | 3035 | 13901 | |
| Ehmke Seed | Thunder Cale | T | 8-May | 4.5 | 12.9 | 84.0 *** | 3125 | 14074 | |
| Texas A&M Agrilife | tx14vt70473 | T | 8-May | 4.4 | 12.7 | 81.0 | 2974 | 13225 | |
| Dyna-Gro | Underwood | W | 8-May | 4.4 | 12.6 | 79.3 | 3141 | 13789 | |
| Ehmke Seed | Short Beard Thunder | T | 8-May | 4.4 | 12.5 | 83.3 * | 3112 | 13655 | |
| Ehmke Seed | Fredro | T | 8-May | 4.3 | 12.3 | 83.0 * | 3290 * | 14204 | |
| Watley Seed Co. | Tam 112 | W | 8-May | 4.3 | 12.3 | 78.3 | 3079 | 13210 | |
| Sharp Brothers Seed Co. | Trit 135 | T | 8-May | 4.3 | 12.3 | 83.3 * | 3082 | 13237 | |
| Agri Pro | SY Grit | W | 2-May | 4.0 | 11.4 | 79.0 | 3069 | 12270 | |
| Ehmke Seed | Thunder Green | R | 2-May | 4.0 | 11.4 | 83.7 * | 3473 *** | 13775 | |
| Texas A&M Agrilife | tx14vt70446 | T | 8-May | 4.0 | 11.3 | 82.0 * | 3042 | 12080 | |
| Curtis and Curtis Seed | Beardless wheat | W | 8-May | 3.9 | 11.1 | 80.0 | 3297 * | 12807 | |
| Dyna-Gro | Long Branch | W | 8-May | 3.7 | 10.6 | 80.7 | 3360 * | 12425 | |
| Agri Pro | SY Wolverine | W | 8-May | 3.7 | 10.5 | 79.3 | 3381 * | 12318 | |
| Texas A&M Agrilife | tx14vt70487 | T | 2-May | 3.5 | 10.1 | 83.0 * | 3325 * | 11757 | |
| Watley Seed Co. | Tam 204 | W | 8-May | 3.4 | 9.7 | 80.7 | 3326 * | 11399 | |
| Agri Pro | SY Monument | W | 8-May | 3.1 | 8.9 | 79.7 | 3346 * | 10467 | |
| | | | | Trial Mean | 4.6 | 13.3 | 80.9 | 3082 | 14193 |
| | | | | LSD (0.05) | 1.0 | 2.8 | 3.00 | 239 | 3334 |
| | | | | CV | 13.1 | 13.1 | 1.9 | 4.7 | 14.4 |
| | | | | F Test | <.0001 | <.0001 | <.0001 | <.0001 | 0.0002 |

[†]B=barley; T=triticale; W=wheat, R=Rye

Plots were harvested at Feekes stage 10.0-10.3; 10.0=sheath of flag leaf completely grown out, ear not visible; 10.3= half of heading process complete.

*** Highest numerical value in the column.

* Not significantly different from the highest value

Table 3. Forage Harvest - Winter Annual Small Grain Forages - 2018-2019 Various Dates - NMSU Agricultural Science Center at Clovis

| Company Name | Variety Name | Species [†] | Harvest Date | CP | ADF | NDF | dNDF | TDN | RFQ |
|-------------------------|---------------------|----------------------|--------------|----------|----------|----------|----------|----------|---------|
| | | | | % of DM | % of DM | % of DM | % of NDF | % of DM | |
| Watley Seed Co. | Slicktrit II | T | 24-May | 14.0 | 37.5 | 60.9 * | 58.2 | 60.8 | 116 |
| Sharp Brothers Seed Co. | Trit 813 | T | 17-May | 13.4 | 39.8 * | 63.2 *** | 58.5 | 59.9 | 111 |
| Ehmke Seed | Thunder Tall II | T | 24-May | 13.6 | 38.3 * | 61.6 * | 56.7 | 59.6 | 111 |
| Sharp Brothers Seed Co. | Trit Flex 719 | T | 14-May | 13.4 | 37.5 | 61.1 * | 60.1 | 62.2 | 121 |
| Ehmke Seed | Thunder Tall | T | 17-May | 15.5 | 35.5 | 58.1 | 62.7 | 64.0 | 133 |
| Curtis and Curtis Seed | Smooth Grazer Plus | W/T | 14-May | 15.2 | 35.8 | 57.6 | 61.9 | 63.5 | 132 |
| Curtis and Curtis Seed | Trical 813 | T | 14-May | 14.9 | 35.4 | 57.5 | 61.7 | 64.2 | 133 |
| Curtis and Curtis Seed | Bearded Trit | T | 20-May | 12.7 | 40.1 *** | 63.0 * | 56.7 | 58.8 | 107 |
| Curtis and Curtis Seed | Smooth Grazer | W/T | 14-May | 14.7 | 35.2 | 57.7 | 61.0 | 64.0 | 132 |
| Texas A&M Agrilife | tx14vt70526 | T | 8-May | 17.0 | 34.7 | 57.4 | 66.7 * | 66.0 | 145 |
| Curtis and Curtis Seed | Trical 348 | T | 14-May | 14.7 | 35.2 | 57.3 | 63.1 | 64.9 | 137 |
| Texas A&M Agrilife | tx16vt68295 | T | 8-May | 15.6 | 34.2 | 57.0 | 63.6 | 64.8 | 138 |
| Texas A&M Agrilife | tx12vt8222-4 | T | 8-May | 14.9 | 35.9 | 58.7 | 62.1 | 63.8 | 131 |
| Agri Pro | Bob Dole | W | 8-May | 15.0 | 33.8 | 55.1 | 61.1 | 60.1 | 128 |
| Ehmke Seed | Thunder Cale V | T | 8-May | 15.6 | 36.4 | 59.0 | 62.7 | 63.8 | 132 |
| Ehmke Seed | Thunder Cale | T | 8-May | 16.7 | 35.0 | 57.4 | 63.8 | 65.0 | 138 |
| Texas A&M Agrilife | tx14vt70473 | T | 8-May | 15.7 | 35.6 | 58.3 | 61.7 | 63.1 | 129 |
| Dyna-Gro | Underwood | W | 8-May | 17.1 | 32.9 | 54.2 | 64.6 | 65.1 | 146 |
| Ehmke Seed | Short Beard Thunder | T | 8-May | 15.6 | 34.9 | 57.5 | 63.4 | 64.8 | 137 |
| Ehmke Seed | Fredro | T | 8-May | 18.3 * | 31.2 | 51.7 | 66.6 * | 66.9 * | 159 * |
| Watley Seed Co. | Tam 112 | W | 8-May | 16.0 | 32.7 | 54.9 | 63.8 | 64.3 | 142 |
| Sharp Brothers Seed Co. | Trit 135 | T | 8-May | 16.6 | 35.5 | 57.0 | 63.4 | 64.4 | 137 |
| Agri Pro | SY Grit | W | 2-May | 16.8 | 32.7 | 53.6 | 63.7 | 64.2 | 144 |
| Ehmke Seed | Thunder Green | R | 2-May | 19.5 *** | 30.7 | 52.6 | 67.1 * | 69.4 *** | 163 *** |
| Texas A&M Agrilife | tx14vt70446 | T | 8-May | 16.2 | 35.3 | 57.9 | 61.5 | 64.1 | 132 |
| Curtis and Curtis Seed | Beardless wheat | W | 8-May | 16.4 | 31.9 | 53.1 | 65.8 * | 67.1 * | 155 * |
| Dyna-Gro | Long Branch | W | 8-May | 17.2 | 31.0 | 51.6 | 67.4 * | 67.8 * | 162 * |
| Agri Pro | SY Wolverine | W | 8-May | 16.6 | 30.7 | 53.3 | 67.7 *** | 68.1 * | 159 * |
| Texas A&M Agrilife | tx14vt70487 | T | 2-May | 17.6 | 32.6 | 54.1 | 65.7 * | 67.5 * | 154 * |
| Watley Seed Co. | Tam 204 | W | 8-May | 16.3 | 32.1 | 53.9 | 65.5 * | 67.6 * | 154 * |
| Agri Pro | SY Monument | W | 8-May | 17.1 | 31.3 | 52.3 | 66.9 * | 67.7 * | 160 * |
| | Trial Mean | | | 15.8 | 34.5 | 56.7 | 63.1 | 64.4 | 138 |
| | LSD (0.05) | | | 1.8 | 2.5 | 3.2 | 2.7 | 3.1 | 15 |
| | CV | | | 6.9 | 4.4 | 3.5 | 2.6 | 2.9 | 6.5 |
| | F Test | | | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |

[†]B=barley; T=triticale; W=wheat; R=Rye

Plots were harvested at Feekes stage 10.0-10.3; 10.0=sheath of flag leaf completely grown out, ear not visible; 10.3=half of heading process complete.

*** Highest numerical value in the column.

* Not significantly different from the highest value