

Table 10. 2012 (Exp. 35) Intrastate Winter Wheat Nursery Noodles
Location: Means across Montana locations

| VARIETY | x = in 2014 tests | Noodle Color | | | | | | Noodle Score | Texture Profile Analysis | | | | | | | | | | |
|----------------------|-------------------|---------------------------|----------------------------|------------------------------|----------------------------|-----------------------------|-------------------------------|--------------|---------------------------------|----------------------|-----------------------|-----------------------|----------------------|--------------------|----------------------|-----------------------|-----------------------|----------------------|--------------------|
| | | L* at 0 hour (Brightness) | a* at 0 hour (Green - Red) | b* at 0 hour (Blue - Yellow) | L* at 24 hour (Brightness) | a* at 24 hour (Green - Red) | b* at 24 hour (Blue - Yellow) | | 24 hour L* Stability (0hr-24hr) | Springiness at 0 min | Cohesiveness at 0 min | Adhesiveness at 0 min | Hardness, g at 0 min | Chewiness at 0 min | Springiness at 5 min | Cohesiveness at 5 min | Adhesiveness at 5 min | Hardness, g at 5 min | Chewiness at 5 min |
| Art | | | | | | | | | | | | | | | | | | | |
| Bearpaw | | | | | | | | | | | | | | | | | | | |
| Broadview | | | | | | | | | | | | | | | | | | | |
| CDC Falcon | | | | | | | | | | | | | | | | | | | |
| Colter | | 88.0** | 0.20 | 14.8 | 79.6** | 0.63 | 22.1 | 8.4** | 303* | 0.92 | 0.59 | -42.9 | 1401 | 765 | 0.90 | 0.53 | -38.8 | 1138 | 542 |
| Curlew | | 86.6 | -0.03 | 17.7 | 76.6 | 0.38 | 27.8 | 10.1 | 277 | 0.93 | 0.57 | -43.1 | 1232 | 655 | 0.91 | 0.53 | -39.3 | 1016 | 493 |
| Decade | | | | | | | | | | | | | | | | | | | |
| Genou | | | | | | | | | | | | | | | | | | | |
| Jagalene | | | | | | | | | | | | | | | | | | | |
| Judee | | | | | | | | | | | | | | | | | | | |
| Ledger | | | | | | | | | | | | | | | | | | | |
| McGill | | | | | | | | | | | | | | | | | | | |
| MT0978 | | 86.9 | 0.19 | 16.5 | 77.8 | 0.79 | 25.7 | 9.2* | 292* | 0.93 | 0.57 | -40.3 | 1238 | 656 | 0.90 | 0.52 | -32.7 | 977 | 457 |
| MT10116 | | 86.6 | 0.58 | 15.3 | 77.4 | 1.52 | 24.0 | 9.2 | 289* | 0.95 | 0.58 | -44.9 | 1322 | 730 | 0.92 | 0.53 | -35.3 | 1084 | 531 |
| MT1078 ^{1/} | | <i>87.1</i> | <i>0.45</i> | <i>15.1</i> | <i>76.3</i> | <i>0.60</i> | <i>22.0</i> | <i>10.8</i> | <i>262</i> | <i>0.95</i> | <i>0.60</i> | <i>-49.3</i> | <i>1301</i> | <i>741</i> | <i>0.90</i> | <i>0.55</i> | <i>-41.1</i> | <i>1050</i> | <i>521</i> |
| MT1090 | | 87.1 | 0.19 | 15.9 | 77.6 | 0.68 | 23.8 | 9.5 | 279 | 0.95 | 0.60 | -42.2 | 1357 | 772 | 0.88 | 0.55 | -38.0 | 1082 | 524 |
| MT1091 | | 87.1 | 0.30 | 15.2 | 77.0 | 0.91 | 24.1 | 10.1 | 270 | 0.94 | 0.59 | -45.1 | 1327 | 738 | 0.90 | 0.54 | -36.1 | 1071 | 515 |
| MT1092 | | 87.5 | 0.33 | 14.9 | 78.7 | 1.07 | 23.6 | 8.8* | 297* | 0.94 | 0.59 | -45.1 | 1366 | 750 | 0.90 | 0.53 | -38.5 | 1123 | 540 |
| MT1105 | | 87.0 | 0.44 | 15.0 | 77.5 | 1.12 | 23.2 | 9.5 | 284* | 0.92 | 0.59 | -45.9 | 1355 | 745 | 0.91 | 0.54 | -38.9 | 1121 | 552 |
| MT1156 | | 86.5 | 0.33 | 16.2 | 75.7 | 0.82 | 24.8 | 10.9 | 256 | 0.95 | 0.59 | -41.6 | 1333 | 747 | 0.94 | 0.54 | -36.1 | 1089 | 558 |
| MTS1024 | | 88.0* | 0.20 | 14.7 | 79.2* | 0.46 | 21.6 | 8.8* | 297* | 0.91 | 0.58 | -41.9 | 1317 | 702 | 0.92 | 0.53 | -39.0 | 1056 | 518 |
| MTW08168 | | 86.8 | -0.05 | 17.8 | 78.3 | 0.76 | 27.5 | 8.6* | 304** | 0.93 | 0.59 | -48.2 | 1363 | 744 | 0.90 | 0.52 | -35.2 | 1076 | 512 |
| Overland | | | | | | | | | | | | | | | | | | | |
| Radiant | | | | | | | | | | | | | | | | | | | |
| Rampart | | | | | | | | | | | | | | | | | | | |
| SY Clearstone 2CL | | | | | | | | | | | | | | | | | | | |
| SY Wolf | | | | | | | | | | | | | | | | | | | |
| Warhorse | | 86.9 | 0.14 | 15.9 | 76.4 | 0.09 | 22.4 | 10.5 | 270 | 0.93 | 0.57 | -42.5 | 1318 | 692 | 0.90 | 0.52 | -38.7 | 1065 | 498 |
| WB-Quake | | | | | | | | | | | | | | | | | | | |
| Yellowstone | | 86.9 | 0.45 | 14.8 | 76.9 | 1.05 | 23.0 | 10.1 | 279 | 0.93 | 0.59 | -44.9 | 1358 | 746 | 0.92 | 0.54 | -39.6 | 1110 | 552 |
| Average | | 87.1 | 0.25 | 15.8 | 77.6 | 0.79 | 24.1 | 9.5 | 284 | 0.93 | 0.58 | -43.7 | 1330 | 726 | 0.91 | 0.53 | -37.4 | 1078 | 522 |
| LSD (0.05) | | 0.7 | 0.17 | 0.9 | 1.4 | 0.26 | 1.2 | 0.8 | 21 | ns | 0.01 | ns | 42 | 40 | 0.03 | 0.01 | ns | 43 | 38 |
| C.V. | | 0.6 | 47 | 3.9 | 1.2 | 23 | 3.5 | 5.9 | 5.1 | 2.0 | 1.6 | 12.5 | 2.2 | 3.8 | 2.2 | 1.8 | 8.1 | 2.8 | 5.0 |
| P-Value | | 0.0010 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0008 | 0.1562 | 0.0012 | 0.8181 | <.0001 | <.0001 | 0.0396 | 0.0011 | 0.0635 | <.0001 | 0.0002 |

1/ sample accidentally dumped, averages for italicized values not included in 4 location analysis