

Table 10. Quality traits of durum varieties grown in the Advanced Trials at **Carrington (2005-2009)**.

| Variety | Test Weight | Vit kern | 1000 kwt | Lg % | Sm % | Fall no | Sed mm | Wheat prot % | Semo prot % | Total ext % | Sem ext % | Semo ash % | Specks #/10 sq in | Mixo | Pasta color | Cook wt g | Cook loss % | Firm g cm |
|--------------|-------------|----------|----------|------|------|---------|--------|--------------|-------------|-------------|-----------|------------|-------------------|------|-------------|-----------|-------------|-----------|
| ACNavigator | 59.2 | 99 | 34.5 | 25 | 8 | 568 | 51 | 15.8 | 14.4 | 71.8 | 65.3 | 0.85 | 21 | 8 | 9.1 | 29.1 | 6.3 | 6.7 |
| Alkabo | 60.0 | 96 | 39.4 | 34 | 5 | 397 | 53 | 15.4 | 14.2 | 71.2 | 64.8 | 0.77 | 27 | 7 | 9.2 | 30.6 | 6.4 | 5.9 |
| Belzer | 57.8 | 97 | 36.6 | 35 | 4 | 394 | 60 | 15.3 | 14.2 | 70.5 | 64.2 | 0.79 | 20 | 7 | 9.3 | 29.9 | 6.5 | 6.1 |
| Ben | 59.7 | 98 | 37.9 | 39 | 5 | 337 | 51 | 16.1 | 14.1 | 71.2 | 65.4 | 0.78 | 23 | 6 | 8.9 | 30.0 | 6.7 | 6.2 |
| Dilse | 59.5 | 97 | 35.5 | 30 | 6 | 361 | 50 | 16.2 | 14.5 | 71.9 | 65.8 | 0.81 | 24 | 7 | 9.3 | 30.3 | 6.4 | 6.5 |
| Divide | 58.8 | 97 | 34.6 | 31 | 5 | 435 | 60 | 15.7 | 14.3 | 71.7 | 65.4 | 0.79 | 21 | 8 | 9.1 | 29.8 | 6.3 | 6.4 |
| Grande D'Oro | 60.0 | 98 | 36.1 | 29 | 6 | 377 | 45 | 15.1 | 14.3 | 71.3 | 65.7 | 0.75 | 27 | 6 | 8.8 | 30.4 | 6.3 | 6.0 |
| Grenora | 58.5 | 98 | 34.9 | 32 | 7 | 425 | 53 | 15.5 | 14.3 | 71.1 | 64.6 | 0.79 | 19 | 7 | 9.4 | 30.3 | 6.5 | 6.1 |
| Lebsock | 60.2 | 97 | 34.6 | 34 | 5 | 401 | 44 | 15.3 | 14.3 | 72.2 | 66.3 | 0.77 | 26 | 6 | 8.8 | 31.1 | 6.4 | 5.8 |
| Maier | 59.5 | 97 | 35.6 | 32 | 5 | 364 | 53 | 15.5 | 14.3 | 71.0 | 64.9 | 0.77 | 25 | 7 | 9.1 | 30.1 | 6.7 | 6.1 |
| Mountrail | 57.9 | 97 | 33.4 | 21 | 10 | 400 | 49 | 15.7 | 14.6 | 70.7 | 64.7 | 0.83 | 19 | 5 | 8.6 | 30.3 | 6.3 | 5.9 |
| Pierce | 59.7 | 98 | 33.3 | 25 | 9 | 426 | 56 | 15.6 | 14.3 | 69.8 | 64.6 | 0.80 | 20 | 7 | 9.2 | 30.1 | 6.2 | 6.5 |
| Primo D'Oro* | 59.6 | 98 | 32.4 | 19 | 7 | 390 | 51 | 16.2 | 15.0 | 70.9 | 64.9 | 0.83 | 19 | 6 | 9.3 | 30.4 | 6.1 | 6.8 |
| Rugby | 58.3 | 96 | 33.7 | 28 | 7 | 374 | 27 | 16.0 | 14.6 | 71.8 | 65.8 | 0.80 | 24 | 3 | 8.8 | 31.0 | 6.7 | 5.2 |
| Strongfield* | 59.1 | 98 | 35.0 | 32 | 6 | 438 | 55 | 16.9 | 14.7 | 70.0 | 63.6 | 0.77 | 21 | 8 | 9.0 | 30.2 | 6.6 | 6.7 |
| Average | 59.2 | 97 | 35.2 | 30 | 6 | 406 | 51 | 15.8 | 14.4 | 71.1 | 65.1 | 0.79 | 23 | 7 | 9.0 | 30.2 | 6.4 | 6.2 |

* 4-year Avg.