

**CHICKPEA VARIETY-2012****WILLISTON RESEARCH EXTENSION CENTER**

| Cultivar            | Days to | Flower   | Plant  | Seed Size % |      |      |      | Test   | ----- Grain Yield ----- |      |       |         |         |
|---------------------|---------|----------|--------|-------------|------|------|------|--------|-------------------------|------|-------|---------|---------|
|                     | Bloom   | Duration | Height | 10          | 9    | 8    | <8   | Weight | lb/a                    |      |       |         |         |
|                     | DAP     | days     | inch   | mm          | mm   | mm   | mm   | lb/a   | 2010                    | 2011 | 2012  | 2yr avg | 3yr avg |
| <b>LARGE KABULI</b> |         |          |        |             |      |      |      |        |                         |      |       |         |         |
| CDC Frontier        | 60.5    | 10.0     | 12.9   | 0.2         | 1.9  | 27.0 | 70.9 | 61.8   | 901                     | 1429 | 1422  | 1425    | 1251    |
| Sawyer              | 59.3    | 9.5      | 12.7   | 0.6         | 24.5 | 37.5 | 37.3 | 61.0   | 819                     | 1004 | 1114  | 1059    | 979     |
| CDC Luna            | 61.0    | 8.5      | 12.2   | 0.0         | 3.8  | 23.0 | 73.1 | 61.5   | 786                     | 665  | 1050  | 858     | 834     |
| Sierra              | 63.5    | 4.8      | 12.9   | 3.3         | 31.1 | 37.6 | 28.1 | 59.5   | 680                     | 377  | 704   | 541     | 587     |
| Dylan               | 61.3    | 7.5      | 12.2   | 3.0         | 22.4 | 36.0 | 38.6 | 57.5   | 700                     | 111  | 565   | 338     | 459     |
| Troy                | 62.0    | 5.3      | 12.7   | 4.2         | 27.1 | 31.6 | 37.1 | 56.4   | 343                     | 154  | 382   | 268     | 293     |
| <b>SMALL KABULI</b> |         |          |        |             |      |      |      |        |                         |      |       |         |         |
| B-90                | 61.3    | 10.0     | 14.1   | 0.0         | 0.2  | 0.8  | 99.2 | 62.6   | 820                     | 1209 | 1432  | 1321    | 1154    |
| <b>DESI</b>         |         |          |        |             |      |      |      |        |                         |      |       |         |         |
| CDC Anna            | 61.0    | 9.0      | 12.1   | 0.0         | 0.5  | 1.6  | 96.7 | 59.7   | 677                     | 1135 | 1221  | 1178    | 1011    |
| MEAN                | 61.2    | 8.1      | 12.7   | 1.4         | 13.9 | 24.4 | 60.1 | 60.0   | -                       | -    | 986.3 | -       | -       |
| C.V.                | 0.7     | 9.1      | 6.3    | 64.2        | 20.0 | 11.5 | 7.7  | 1.3    | -                       | -    | 10.8  | -       | -       |
| LSD 5%              | 0.7     | 1.1      | 1.2    | 1.3         | 4.1  | 4.1  | 6.8  | 1.1    | -                       | -    | 156.1 | -       | -       |

Planted: April 24, 2012

Harvested: September 4, 2012

Previous crop: Soybean