

2009 FIELD PEA VARIETY

WILLISTON RESEARCH EXTENSION CENTER

| Cultivar                | Days to Bloom | Bloom Duration | Canopy Height | Seed Protein | 1000 Kwt | Seeds/ Pound | Test Weight | Yield |      |      | Average Yield |      |
|-------------------------|---------------|----------------|---------------|--------------|----------|--------------|-------------|-------|------|------|---------------|------|
|                         | fr plntg      |                | inches        | %            | gms      |              | lbs/b       | 2007  | 2008 | 2009 | 2 yr          | 3 yr |
| ----- bus/a -----       |               |                |               |              |          |              |             |       |      |      |               |      |
| <b>Yellow Cotyledon</b> |               |                |               |              |          |              |             |       |      |      |               |      |
| SW Midas                | 60.8          | 7.0            | 16.6          | 18.9         | 246      | 1844         | 65.1        | --    | 27.4 | 33.6 | 30.5          | --   |
| CDC Mozart              | 59.0          | 8.8            | 13.5          | 19.9         | 292      | 1553         | 65.6        | 55.1  | 25.2 | 34.9 | 30.1          | 38.4 |
| DS Admiral              | 59.8          | 8.5            | 19.6          | 20.6         | 260      | 1747         | 64.8        | 49.5  | 26.5 | 30.5 | 28.5          | 35.5 |
| CDC Golden              | 59.5          | 12.0           | 17.5          | 20.8         | 274      | 1656         | 64.9        | --    | --   | 32.6 | --            | --   |
| CDC Meadow              | 59.0          | 9.3            | 17.0          | 19.7         | 271      | 1676         | 66.0        | --    | --   | 33.8 | --            | --   |
| SW Salute               | 59.8          | 9.0            | 17.9          | 19.9         | 291      | 1560         | 65.2        | --    | --   | 33.4 | --            | --   |
| <b>Green Cotyledon</b>  |               |                |               |              |          |              |             |       |      |      |               |      |
| Majoret                 | 62.0          | 5.8            | 14.7          | 19.5         | 270      | 1683         | 64.7        | 52.2  | 21.7 | 30.2 | 26.0          | 34.7 |
| Cruiser                 | 59.3          | 9.5            | 17.7          | 20.2         | 248      | 1831         | 64.4        | 48.7  | 21.0 | 27.9 | 24.4          | 32.5 |
| CDC Striker             | 60.8          | 6.3            | 16.9          | 21.2         | 277      | 1636         | 65.6        | --    | 24.4 | 27.7 | 26.0          | --   |
| K-2                     | 58.0          | 10.3           | 16.8          | 20.5         | 269      | 1689         | 65.3        | --    | 23.9 | 26.5 | 25.2          | --   |
| MEAN                    | 59.8          | 8.6            | 16.8          | 20.1         | 270      | 1688         | 65.1        | 49.8  | 24.7 | 31.1 | --            | --   |
| C.V. %                  | 0.8           | 12.0           | 9.0           | 1.4          | 2        | 2            | 0.3         | 5.5   | 9.2  | 9.0  | --            | --   |
| LSD 5%                  | 0.7           | 1.5            | 2.2           | 0.6          | 13       | 83           | 0.4         | 4.0   | 3.3  | 4.1  | --            | --   |

Planted: April 21 on fallow.

Harvested: July 27

Grain protein percentages reported on a 0% moisture basis.