

**Green dry pea variety performance results at Nezperce, 2006.**  
 Stephen Guy and Mary Lauver - Univ. of Idaho Coop. Ext., Moscow, ID

| Variety or Selection | Seed Yield<br>lb/acre | Seed Weight<br>g/100 | Vine Length<br>inches | Canopy Height<br>inches | Erect Index*<br>0.0-1.0 |
|----------------------|-----------------------|----------------------|-----------------------|-------------------------|-------------------------|
| Aragorn              | 1640                  | 17.3                 | 27                    | 22                      | 0.8                     |
| Ariel                | 1510                  | 14.6                 | 22                    | 20                      | 0.9                     |
| Bluebird             | 1750                  | 19.5                 | 20                    | 14                      | 0.7                     |
| Camry                | 1370                  | 19.4                 | 17                    | 14                      | 0.9                     |
| Columbian            | 1360                  | 15.4                 | 36                    | 9                       | 0.3                     |
| Cooper               | 1030                  | 20.0                 | 23                    | 21                      | 0.9                     |
| Cruiser              | 1580                  | 16.0                 | 24                    | 21                      | 0.8                     |
| Joel                 | 1350                  | 17.8                 | 42                    | 9                       | 0.2                     |
| Karita               | 1670                  | 21.8                 | 24                    | 20                      | 0.8                     |
| K2                   | 1560                  | 16.4                 | 24                    | 22                      | 0.9                     |
| Medora               | 1190                  | 15.4                 | 28                    | 26                      | 0.9                     |
| Monarch              | 1410                  | 16.0                 | 20                    | 16                      | 0.8                     |
| Pacifica             | 1650                  | 17.9                 | 25                    | 21                      | 0.8                     |
| Stirling             | 1750                  | 17.0                 | 22                    | 18                      | 0.8                     |
| Stratus              | 1640                  | 19.1                 | 20                    | 16                      | 0.8                     |
| Toledo               | 1480                  | 20.1                 | 26                    | 23                      | 0.8                     |
| PS 0110805           | 1430                  | 16.0                 | 25                    | 22                      | 0.8                     |
| PS 02100026          | 1080                  | 18.5                 | 21                    | 16                      | 0.7                     |
| PS 02100128          | 1590                  | 15.1                 | 25                    | 22                      | 0.9                     |
| PS 0110767           | 1550                  | 17.3                 | 22                    | 20                      | 0.8                     |
| Pro 031-7053         | 1370                  | 15.4                 | 20                    | 18                      | 0.8                     |
| Average              | 1470                  | 17.4                 | 24                    | 19                      | 0.8                     |
| LSD (0.10)           | 209                   | 0.8                  | 4                     | 3                       | 0.1                     |
| CV (%)               | 12                    | 3.9                  | 12                    | 13                      | 12.3                    |

\* means canopy height/vine length; 1.0=upright

## Yellow dry pea variety performance results at Nezperce, 2006.

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| Variety or Selection | Seed Yield<br>lb/acre | Seed Weight<br>g/100 | Vine Length<br>inches | Canopy Height<br>inches | Erect Index* |
|----------------------|-----------------------|----------------------|-----------------------|-------------------------|--------------|
| Carousel             | 1620                  | 19.9                 | 27                    | 25                      | 0.9          |
| Delta                | 1840                  | 19.2                 | 25                    | 23                      | 0.9          |
| Rex                  | 1700                  | 20.1                 | 25                    | 12                      | 0.5          |
| Shawnee              | 1680                  | 18.0                 | 46                    | 7                       | 0.2          |
| Swing                | 1440                  | 17.9                 | 26                    | 23                      | 0.8          |
|                      |                       |                      |                       |                         |              |
| Topeka               | 1680                  | 18.7                 | 21                    | 20                      | 0.9          |
| Universal            | 1800                  | 18.7                 | 24                    | 23                      | 0.9          |
| PS 0010836           | 1510                  | 20.6                 | 20                    | 18                      | 0.8          |
| PS 01102958          | 1020                  | 19.3                 | 21                    | 20                      | 0.9          |
|                      |                       |                      |                       |                         |              |
| Average              | 1590                  | 19.2                 | 26                    | 19                      | 0.8          |
| LSD (0.10)           | 209                   | 0.8                  | 4                     | 3                       | 0.1          |
| CV (%)               | 12                    | 3.9                  | 12                    | 13                      | 12.3         |

\* means canopy height/vine length; 1.0=upright

## Green dry pea variety performance results at Moscow, 2006.

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| Variety or Selection | Seed Yield<br>lb/acre | Seed Weight<br>g/100 | Vine Length<br>inches | Canopy Height<br>inches | Erect Index*<br>0.0-1.0 |
|----------------------|-----------------------|----------------------|-----------------------|-------------------------|-------------------------|
| Aragorn              | 2620                  | 21.3                 | 29                    | 29                      | 1.0                     |
| Ariel                | 2560                  | 18.1                 | 29                    | 29                      | 1.0                     |
| Bluebird             | 2490                  | 23.6                 | 21                    | 21                      | 1.0                     |
| Camry                | 2500                  | 23.4                 | 21                    | 21                      | 1.0                     |
| Columbian            | 2050                  | 20.2                 | 35                    | 11                      | 0.3                     |
| Cooper               | 2070                  | 25.3                 | 27                    | 27                      | 1.0                     |
| Cruiser              | 2450                  | 20.1                 | 28                    | 27                      | 0.9                     |
| Joel                 | 2500                  | 22.2                 | 47                    | 14                      | 0.3                     |
| Karita               | 2750                  | 25.8                 | 28                    | 28                      | 1.0                     |
| K2                   | 2550                  | 20.8                 | 28                    | 28                      | 1.0                     |
| Medora               | 1840                  | 18.3                 | 33                    | 33                      | 1.0                     |
| Monarch              | 2520                  | 21.2                 | 23                    | 22                      | 0.9                     |
| Pacifica             | 2810                  | 22.0                 | 31                    | 22                      | 0.7                     |
| Stirling             | 2610                  | 20.2                 | 25                    | 24                      | 0.9                     |
| Stratus              | 2580                  | 23.0                 | 22                    | 22                      | 1.0                     |
| Toledo               | 2440                  | 24.8                 | 27                    | 27                      | 1.0                     |
| PS 0110805           | 2620                  | 19.8                 | 28                    | 25                      | 0.9                     |
| PS 02100026          | 2670                  | 22.6                 | 25                    | 21                      | 0.8                     |
| PS 02100128          | 2710                  | 19.0                 | 29                    | 29                      | 1.0                     |
| PS 0110767           | 2700                  | 22.3                 | 27                    | 27                      | 1.0                     |
| Pro 031-7053         | 2820                  | 20.4                 | 29                    | 28                      | 0.9                     |
| Average              | 2520                  | 21.6                 | 28                    | 25                      | 0.9                     |
| LSD (0.10)           | 172                   | 0.7                  | 4                     | 4                       | 0.1                     |
| CV (%)               | 6                     | 2.6                  | 13                    | 13                      | 10.0                    |

\* means canopy height/vine length; 1.0=upright

## Yellow dry pea variety performance results at Moscow, 2006.

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| Variety or Selection | Seed Yield<br>lb/acre | Seed Weight<br>g/100 | Vine Length<br>inches | Canopy Height<br>inches | Erect Index*<br>0.0-1.0 |
|----------------------|-----------------------|----------------------|-----------------------|-------------------------|-------------------------|
| Carousel             | 2610                  | 24.3                 | 30                    | 30                      | 1.0                     |
| Delta                | 2630                  | 23.0                 | 29                    | 28                      | 0.9                     |
| Rex                  | 2850                  | 24.0                 | 32                    | 15                      | 0.5                     |
| Shawnee              | 2560                  | 21.8                 | 44                    | 11                      | 0.3                     |
| Swing                | 2820                  | 22.4                 | 29                    | 29                      | 1.0                     |
|                      |                       |                      |                       |                         |                         |
| Topeka               | 2830                  | 23.1                 | 24                    | 24                      | 1.0                     |
| Universal            | 3010                  | 22.2                 | 31                    | 31                      | 1.0                     |
| PS 0010836           | 2690                  | 23.7                 | 23                    | 23                      | 1.0                     |
| PS 01102958          | 2780                  | 23.0                 | 26                    | 26                      | 1.0                     |
|                      |                       |                      |                       |                         |                         |
| Average              | 2750                  | 23.1                 | 30                    | 24                      | 0.9                     |
| LSD (0.10)           | 172                   | 0.7                  | 4                     | 4                       | 0.1                     |
| CV (%)               | 6                     | 2.6                  | 13                    | 13                      | 10.0                    |

\* means canopy height/vine length; 1.0=upright

**Combined green dry pea variety performance results for Nezperce and Moscow, 2006.**

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| Variety or Selection | Seed Yield        |        |         | Seed Weight     |        |         | Vine Length* | Canopy Height* |
|----------------------|-------------------|--------|---------|-----------------|--------|---------|--------------|----------------|
|                      | Nezperce          | Moscow | Average | Nezperce        | Moscow | Average |              |                |
|                      | -----lb/acre----- |        |         | -----g/100----- |        |         | inches       | inches         |
| Aragorn              | 1640              | 2620   | 2130    | 17.3            | 21.3   | 19.3    | 28           | 26             |
| Ariel                | 1510              | 2560   | 2040    | 14.6            | 18.1   | 16.4    | 26           | 25             |
| Bluebird             | 1750              | 2490   | 2120    | 19.5            | 23.6   | 21.6    | 21           | 18             |
| Camry                | 1370              | 2500   | 1940    | 19.4            | 23.4   | 21.4    | 19           | 18             |
| Columbian            | 1360              | 2050   | 1710    | 15.4            | 20.2   | 17.8    | 36           | 10             |
| Cooper               | 1030              | 2070   | 1550    | 20.0            | 25.3   | 22.7    | 25           | 24             |
| Cruiser              | 1580              | 2450   | 2020    | 16.0            | 20.1   | 18.1    | 26           | 24             |
| Joel                 | 1350              | 2500   | 1930    | 17.8            | 22.2   | 20.0    | 45           | 12             |
| Karita               | 1670              | 2750   | 2210    | 21.8            | 25.8   | 23.8    | 26           | 24             |
| K2                   | 1560              | 2550   | 2060    | 16.4            | 20.8   | 18.6    | 26           | 25             |
| Medora               | 1190              | 1840   | 1520    | 15.4            | 18.3   | 16.9    | 31           | 30             |
| Monarch              | 1410              | 2520   | 1970    | 16.0            | 21.2   | 18.6    | 22           | 19             |
| Pacifica             | 1650              | 2810   | 2230    | 17.9            | 22.0   | 20.0    | 28           | 22             |
| Stirling             | 1750              | 2610   | 2180    | 17.0            | 20.2   | 18.6    | 24           | 21             |
| Stratus              | 1640              | 2580   | 2110    | 19.1            | 23.0   | 21.1    | 21           | 19             |
| Toledo               | 1480              | 2440   | 1960    | 20.1            | 24.8   | 22.5    | 27           | 25             |
| PS 0110805           | 1430              | 2620   | 2030    | 16.0            | 19.8   | 17.9    | 27           | 24             |
| PS 02100026          | 1080              | 2670   | 1880    | 18.5            | 22.6   | 20.6    | 23           | 19             |
| PS 02100128          | 1590              | 2710   | 2150    | 15.1            | 19.0   | 17.1    | 27           | 26             |
| PS 0110767           | 1550              | 2700   | 2130    | 17.3            | 22.3   | 19.8    | 25           | 24             |
| Pro 031-7053         | 1370              | 2820   | 2100    | 15.4            | 20.4   | 17.9    | 25           | 23             |
| Average              | 1470              | 2520   | 2000    | 17.4            | 21.6   | 19.5    | 26           | 22             |
| LSD (0.10)           | 209               | 172    | 135     | 0.8             | 0.7    | 0.5     | 3            | 2              |
| CV (%)               | 12                | 6      | -       | 3.9             | 2.6    | -       | -            | -              |

\* average of Moscow and Nezperce

**Combined yellow dry pea variety performance results for Nezperce and Moscow, 2006.**

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| Variety or Selection | Seed Yield        |        |         | Seed Weight     |        |         | Vine Length* | Canopy Height* |
|----------------------|-------------------|--------|---------|-----------------|--------|---------|--------------|----------------|
|                      | Nezperce          | Moscow | Average | Nezperce        | Moscow | Average |              |                |
|                      | -----lb/acre----- |        |         | -----g/100----- |        |         | inches       | inches         |
| Carousel             | 1620              | 2610   | 2120    | 19.9            | 24.3   | 22.1    | 29           | 28             |
| Delta                | 1840              | 2630   | 2240    | 19.2            | 23.0   | 21.1    | 27           | 26             |
| Rex                  | 1700              | 2850   | 2280    | 20.1            | 24.0   | 22.1    | 29           | 14             |
| Shawnee              | 1680              | 2560   | 2130    | 18.0            | 21.8   | 19.9    | 45           | 9              |
| Swing                | 1440              | 2820   | 2130    | 17.9            | 22.4   | 20.2    | 28           | 26             |
|                      |                   |        |         |                 |        |         |              |                |
| Topeka               | 1680              | 2830   | 2250    | 18.7            | 23.1   | 20.9    | 23           | 22             |
| Universal            | 1800              | 3010   | 2410    | 18.7            | 22.2   | 20.5    | 28           | 27             |
| PS 0010836           | 1510              | 2690   | 2100    | 20.6            | 23.7   | 22.2    | 22           | 21             |
| PS 01102958          | 1020              | 2780   | 1900    | 19.3            | 23.0   | 21.2    | 24           | 23             |
|                      |                   |        |         |                 |        |         |              |                |
| Average              | 1590              | 2750   | 2170    | 19.2            | 23.1   | 21.1    | 28           | 22             |
| LSD (0.10)           | 209               | 172    | 135     | 0.8             | 0.7    | 0.5     | 3            | 3              |
| CV (%)               | 12                | 6      | -       | 3.9             | 2.6    | -       | -            | -              |

\* average of Moscow and Nezperce

**Seed yield averages for green and yellow dry pea varieties tested for three years in northern Idaho.**  
 Stephen Guy and Mary Lauver - Univ. of Idaho Coop. Ext., Moscow, ID

| Variety or Selection     | 2004              | 2005 | 2006 | Average |
|--------------------------|-------------------|------|------|---------|
|                          | -----lb/acre----- |      |      |         |
| <b><u>Green pea</u></b>  |                   |      |      |         |
| Ariel                    | 3360              | 1900 | 2040 | 2250    |
| Bluebird                 | 3310              | 2030 | 2120 | 2320    |
| Camry                    | 3060              | 1985 | 1940 | 2180    |
| Columbian                | 3320              | 1610 | 1710 | 1990    |
| Cooper                   | 3900              | 1875 | 1550 | 2150    |
| Cruiser                  | 3060              | 1790 | 2020 | 2130    |
| Karita                   | 3440              | 1875 | 2210 | 2320    |
| K2                       | 3440              | 1940 | 2060 | 2290    |
| Monarch                  | 3290              | 2245 | 1970 | 2340    |
| Pacifica                 | 3250              | 1945 | 2230 | 2320    |
| Stirling                 | 3430              | 2050 | 2180 | 2380    |
| Stratus                  | 3670              | 2130 | 2110 | 2430    |
| Toledo                   | 2650              | 1850 | 1960 | 2060    |
| Average                  | 3320              | 1940 | 2010 | 2240    |
| LSD (0.10)               | 347               | 90   | 135  | --      |
| <b><u>Yellow pea</u></b> |                   |      |      |         |
| Carousel                 | 3810              | 1900 | 2120 | 2370    |
| Delta                    | 3490              | 2100 | 2240 | 2430    |
| Rex                      | 3670              | 2100 | 2280 | 2480    |
| Shawnee                  | 3120              | 1720 | 2130 | 2160    |
| Swing                    | 3140              | 2120 | 2130 | 2330    |
| Topeka                   | 3970              | 2220 | 2250 | 2580    |
| PS 0010836               | 3120              | 2100 | 2100 | 2300    |
| Average                  | 3480              | 2040 | 2180 | 2380    |
| LSD (0.10)               | 347               | 90   | 135  | --      |