

2012 Dry Edible Bean Variety Trials, Scottsbluff and Mitchell Ag Labs

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The 2012 dry bean variety trials were planted at two locations this past year. A Great Northern, Kidney and Pinto trial was planted at the Mitchell Ag Lab. All market classes were planted at the Scottsbluff Ag Lab.

The Mitchell Pinto, Kidney and Great Northern trials were planted with a Hege cone planter on June 4. The Scottsbluff trial was planted on June 6. Seeding rates of 85,000 seeds per acre were used for all market classes except the kidneys which were planted at the rate of 100,000 seeds per acre. The herbicides Sonalan and Eptam were incorporated prior to planting. Treatments were replicated 4 times. Fertilizer was applied according to soil test recommendations. Row width was 22 inches. Plot size was 4 rows wide by 25 feet long. Stands were good at all sites. Bacteria wilt and other leaf diseases developed at the Scottsbluff site on the east end of the field causing severe stunting and plant death. At Mitchell, the north end experienced regrowth in early September. The Scottsbluff sites were furrow irrigated and the Mitchell site was sprinkler irrigated. Fields were irrigated every 7 to 9 days from late June to late August.

The Mitchell Pinto, Kidney and Great Northern trials were undercut on September 10 and the center two rows of each plot were harvested with a Wintersteiger plot combine with a finger pickup attachment on September 27 and 28. The Scottsbluff trial was undercut on Sept. 10. The Great Northern material was harvested on September 17, the CDBN and Pinto on September 18 and the variety trial on September 19.

MC Yield- lbs per acre corrected to 14% moisture, DTF- Days to Flower, DTM – Days to Maturity, Test WT – lbs/bu, Growth Habit – 1A Determinate upright, 2b indeterminate upright, 3a indeterminate prostrate short vine, 3b indeterminate prostrate long vine.

2012 Great Northern Class Scottsbluff

| Var # | Variety | Market | MC | DTF | DTM | Moist | Test WT | Growth |
|--------------|----------------|---------------|--------------|-------------|-------------|--------------|----------------|---------------|
| | | Class | Yield | | | | | Habit |
| 8 | PV08148 | GN | 4207 | 44.3 | 94.0 | 11.1 | 61.4 | 3B |
| 4 | PV07111 | GN | 4054 | 43.0 | 95.0 | 11.9 | 61.7 | 3B |
| 5 | PV06107 | GN | 3931 | 45.3 | 96.5 | 11.3 | 61.2 | 3B |
| 18 | PRAIRIE | GN | 3859 | 43.8 | 91.0 | 11.0 | 61.4 | 3B |
| 23 | NE 1 11-17 | GN | 3767 | 41.5 | 96.8 | 11.5 | 60.6 | 3B |
| 11 | ORION | GN | 3713 | 40.0 | 92.0 | 11.2 | 60.9 | 3B |
| 19 | COYNE | GN | 3665 | 42.5 | 94.5 | 11.5 | 61.7 | 3A |
| 7 | PV08165 | GN | 3659 | 48.0 | 96.8 | 12.6 | 59.3 | 3B |
| 14 | BERYL R | GN | 3549 | 40.3 | 92.5 | 10.8 | 62.0 | 3B |
| 9 | PV08166 | GN | 3477 | 46.8 | 96.0 | 11.8 | 60.3 | 3B |
| 21 | NE 1 08-29 | GN | 3438 | 42.3 | 96.8 | 11.4 | 59.6 | 3B |
| 15 | MARQUIS | GN | 3411 | 43.0 | 94.8 | 11.2 | 61.8 | 3B |
| 1 | PV03138 | GN | 3397 | 44.0 | 99.3 | 11.7 | 61.2 | 2B |
| 6 | PV08162 | GN | 3396 | 45.8 | 100.0 | 13.1 | 60.0 | 3A |
| 16 | MATTERHORN | GN | 3329 | 41.5 | 93.3 | 10.4 | 58.7 | 2B |
| 24 | NE 1 11-21 | GN | 3259 | 42.3 | 94.5 | 11.4 | 61.6 | 3B |
| 22 | NE 1 10-20 | GN | 3229 | 45.5 | 95.8 | 10.9 | 59.5 | 3A |
| 17 | IVORY | GN | 3155 | 40.3 | 84.5 | 10.7 | 60.3 | 3B |
| 20 | ROG 591 | GN | 2982 | 39.8 | 86.5 | 10.7 | 61.5 | 3B |
| 10 | PV08159 | GN | 2966 | 39.5 | 88.8 | 10.9 | 61.3 | 3A |
| 13 | GN 6039057 | GN | 2922 | 41.0 | 87.3 | 10.5 | 59.5 | 3A |
| 12 | GEMINI | GN | 2854 | 39.8 | 89.3 | 10.7 | 60.9 | 3A |
| 2 | PV05106 | GN | 2836 | 40.0 | 88.3 | 10.7 | 59.8 | 2B |
| 3 | PV03154 | GN | 2668 | 41.5 | 87.0 | 10.7 | 59.6 | 3A |
| | | Mean | 3404 | 42.6 | 93.0 | 11.2 | 60.6 | |
| | | CV% | 10.8 | 5.4 | 2.6 | 4.2 | 0.8 | |
| | | LSD 5% | 518.0 | 3.3 | 3.4 | 0.7 | 0.7 | |

2012 Great Northern Class Mitchell

| Var # | Variety | Market | MC | DTF | DTM | Moist | Test WT | Growth |
|--------------|----------------|---------------|--------------|-------------|-------------|--------------|----------------|---------------|
| | | Class | Yield | | | | | Habit |
| 18 | PRAIRIE | GN | 3220 | 47.0 | 88.0 | 10.3 | 59.3 | 3B |
| 7 | PV08165 | GN | 3133 | 48.5 | 95.0 | 11.0 | 58.6 | 3A |
| 24 | NE 1 11-21 | GN | 3111 | 47.3 | 93.5 | 10.3 | 60.3 | 3B |
| 1 | PV03138 | GN | 3073 | 49.0 | 93.8 | 10.7 | 57.7 | 3A |
| 8 | PV08148 | GN | 3072 | 47.0 | 90.3 | 10.4 | 60.0 | 3B |
| 15 | MARQUIS | GN | 2979 | 47.3 | 93.0 | 10.4 | 59.7 | 3B |
| 22 | NE 1 10-20 | GN | 2960 | 46.3 | 90.0 | 10.2 | 56.8 | 2B |
| 10 | PV08159 | GN | 2937 | 43.8 | 86.8 | 10.4 | 60.4 | 2B |
| 12 | GEMINI | GN | 2904 | 43.3 | 85.8 | 10.6 | 59.2 | 3B |
| 13 | GN 6039057 | GN | 2879 | 46.8 | 86.5 | 10.2 | 58.0 | 3A |
| 17 | IVORY | GN | 2842 | 42.8 | 84.5 | 9.9 | 58.5 | 3B |
| 4 | PV07111 | GN | 2745 | 47.8 | 93.5 | 11.0 | 58.7 | 3B |
| 11 | ORION | GN | 2730 | 44.5 | 89.8 | 10.1 | 58.4 | 3A |
| 6 | PV08162 | GN | 2697 | 47.8 | 96.3 | 11.1 | 58.3 | 3A |
| 9 | PV08166 | GN | 2691 | 48.5 | 91.0 | 10.7 | 58.5 | 3B |
| 20 | ROG 591 | GN | 2681 | 44.8 | 86.3 | 10.1 | 59.8 | 3B |
| 5 | PV06107 | GN | 2651 | 48.3 | 95.5 | 10.7 | 58.1 | 2B |
| 19 | COYNE | GN | 2638 | 46.8 | 94.3 | 10.8 | 58.2 | 3B |
| 14 | BERYL R | GN | 2558 | 46.5 | 88.3 | 10.0 | 59.3 | 3B |
| 23 | NE 1 11-17 | GN | 2557 | 47.0 | 94.0 | 10.3 | 57.9 | 3A |
| 2 | PV05106 | GN | 2538 | 43.5 | 86.3 | 10.3 | 58.9 | 2B |
| 21 | NE 1 08-29 | GN | 2443 | 48.3 | 94.0 | 10.4 | 56.4 | 3B |
| 16 | MATTERHORN | GN | 2396 | 44.3 | 90.3 | 10.1 | 56.7 | 2B |
| 3 | PV03154 | GN | 2277 | 43.5 | 87.3 | 10.4 | 57.7 | 2B |
| | | Mean | 2779 | 46.3 | 90.6 | 10.4 | 58.5 | |
| | | CV% | 17.8 | 4.2 | 2.4 | 2.8 | 1.9 | |
| | | LSD 5% | 698.0 | 2.7 | 3.0 | 0.4 | 1.6 | |

2012 Pinto Class Scottsbluff

| Var # | Variety | Market | MC | DTF | DTM | Moist | Test WT | Growth |
|-------|-------------------|---------------|--------------|-------------|-------------|-------------|-------------|--------|
| | | Class | Yield | | | | | Habit |
| 54 | NE 2 11-22 | Pinto | 3958 | 41.3 | 96.3 | 11.4 | 57.0 | 3B |
| 49 | PONCHO | Pinto | 3598 | 42.5 | 87.5 | 10.6 | 60.3 | 3B |
| 26 | Montrose | Pinto | 3551 | 42.8 | 87.3 | 10.3 | 59.6 | 3B |
| 28 | BILL Z | Pinto | 3529 | 40.5 | 87.0 | 10.7 | 60.1 | 3B |
| 56 | NE 2 11-24 | Pinto | 3520 | 40.0 | 93.5 | 11.0 | 56.2 | 3B |
| 25 | Croissant | Pinto | 3484 | 45.0 | 96.5 | 10.9 | 59.6 | 3B |
| 53 | NE 2 11-2 | Pinto | 3472 | 40.0 | 88.0 | 10.5 | 58.7 | 2B |
| 41 | GALEENA (99195MR) | Pinto | 3466 | 44.8 | 91.0 | 10.8 | 59.4 | 3B |
| 32 | PV 06185 | Pinto | 3440 | 44.0 | 91.3 | 11.1 | 60.8 | 2B |
| 38 | SONORA | Pinto | 3431 | 43.0 | 86.0 | 10.5 | 59.2 | 3A |
| 52 | NE 2 11-13 | Pinto | 3413 | 42.8 | 95.3 | 10.8 | 56.2 | 3B |
| 47 | OTHELLO | Pinto | 3375 | 41.3 | 85.5 | 10.3 | 60.6 | 3B |
| 50 | MARIAH | Pinto | 3291 | 43.0 | 87.5 | 10.6 | 60.0 | 3B |
| 39 | DURANGO | Pinto | 3283 | 40.0 | 86.0 | 10.2 | 60.0 | 3B |
| 27 | Grand Mesa | Pinto | 3243 | 46.3 | 93.3 | 10.6 | 59.5 | 3B |
| 44 | GTS 904 | Pinto | 3220 | 43.0 | 93.3 | 10.7 | 58.4 | 3B |
| 46 | WINDBREAKER | Pinto | 3123 | 40.0 | 86.5 | 10.4 | 56.8 | 3A |
| 29 | LONGS PEAK | Pinto | 3082 | 45.5 | 92.0 | 11.1 | 58.0 | 3A |
| 48 | BUCKSKIN | Pinto | 3010 | 40.0 | 85.8 | 9.9 | 58.5 | 3B |
| 55 | NE 2 8-15 | Pinto | 2981 | 45.5 | 97.3 | 11.2 | 55.7 | 3B |
| 33 | PV 06189 | Pinto | 2934 | 44.3 | 94.5 | 11.0 | 59.4 | 2B |
| 35 | PV 6206 | Pinto | 2856 | 43.3 | 89.0 | 10.7 | 60.4 | 2B |
| 37 | LA PAZ | Pinto | 2805 | 46.0 | 93.5 | 11.1 | 60.5 | 3A |
| 34 | PV 07167 (LP-7) | Pinto | 2756 | 44.3 | 93.5 | 11.2 | 60.4 | 3B |
| 43 | GTS 903 | Pinto | 2737 | 44.0 | 97.5 | 10.9 | 58.9 | 3A |
| 45 | COB 816 03 | Pinto | 2720 | 45.5 | 94.3 | 10.9 | 58.7 | 3B |
| 31 | PV 05200 | Pinto | 2606 | 43.5 | 88.0 | 10.6 | 58.5 | 2B |
| 42 | (06203) SINALOA | Pinto | 2595 | 41.3 | 89.0 | 10.7 | 59.5 | 2B |
| 40 | BAJA | Pinto | 2585 | 39.8 | 84.0 | 10.2 | 59.4 | 3A |
| 36 | PV 8257 | Pinto | 2519 | 43.3 | 87.5 | 10.4 | 58.7 | 2B |
| 51 | MEDICINE HAT | Pinto | 2503 | 40.3 | 86.8 | 10.2 | 57.8 | 2B |
| 30 | PV 99217 | Pinto | 2490 | 43.8 | 91.3 | 10.8 | 60.7 | 3A |
| | | Mean | 3112 | 42.8 | 90.5 | 10.7 | 59.0 | |
| | | CV% | 11.6 | 4.5 | 2.2 | 2.3 | 1.1 | |
| | | LSD 5% | 508.0 | 2.7 | 2.8 | 0.3 | 1.0 | |

2012 Pinto Class Mitchell

| Var # | Variety | Market Class | MC Yield | DTF | DTM | Moist | Test WT | Growth Habit |
|-------|-----------------|-----------------|--------------|-------------|-------------|-------------|-------------|-----------------|
| 26 | Montrose | Pinto | 3222 | 47.5 | 92.5 | 10.5 | 57.0 | 3B |
| 44 | GTS 904 | Pinto | 3169 | 47.0 | 94.8 | 10.9 | 56.6 | 3B |
| 52 | NE 2 11-13 | Pinto | 3081 | 45.8 | 91.8 | 10.7 | 54.7 | 3B |
| 32 | PV 06185 | Pinto | 3057 | 47.8 | 92.5 | 10.9 | 58.7 | 2B |
| 43 | GTS 903 | Pinto | 3046 | 50.0 | 94.0 | 10.8 | 59.3 | 3B |
| 56 | NE 2 11-24 | Pinto | 2999 | 43.8 | 92.5 | 10.7 | 54.6 | 3B |
| 31 | PV 05200 | Pinto | 2943 | 45.8 | 89.0 | 12.2 | 56.6 | 2B |
| 33 | PV 06189 | Pinto | 2890 | 47.5 | 92.0 | 11.0 | 59.0 | 3B |
| 34 | PV 07167 (LP-7) | Pinto | 2791 | 45.5 | 94.3 | 11.3 | 58.6 | 3B |
| 30 | PV 99217 | Pinto | 2789 | 48.0 | 91.0 | 10.5 | 58.7 | 3B |
| 39 | DURANGO | Pinto | 2774 | 44.3 | 87.5 | 10.4 | 57.9 | 3B |
| 47 | OTHELLO | Pinto | 2752 | 44.8 | 85.8 | 9.8 | 59.2 | 3B |
| 42 | (06203) SINALOA | Pinto | 2734 | 47.5 | 90.5 | 11.6 | 57.3 | 2B |
| 28 | BILL Z | Pinto | 2730 | 43.8 | 89.3 | 10.3 | 57.3 | 3B |
| 38 | SONORA | Pinto | 2716 | 47.0 | 87.8 | 10.9 | 58.1 | 2B |
| 35 | PV 6206 | Pinto | 2696 | 47.3 | 87.5 | 11.2 | 57.3 | 2B |
| 37 | LA PAZ | Pinto | 2651 | 48.5 | 92.0 | 11.3 | 58.0 | 2B |
| 36 | PV 8257 | Pinto | 2562 | 46.5 | 89.8 | 10.8 | 58.0 | 2B |
| 40 | BAJA | Pinto | 2549 | 44.3 | 87.0 | 10.6 | 57.6 | 2B |
| 27 | Grand Mesa | Pinto | 2498 | 48.3 | 91.8 | 10.3 | 56.4 | 3B |
| 25 | Croissant | Pinto | 2495 | 47.5 | 93.3 | 10.4 | 58.2 | 3B |
| 45 | COB 816 03 | Pinto | 2472 | 48.5 | 94.0 | 10.8 | 58.4 | 2B |
| 55 | NE 2 8-15 | Pinto | 2467 | 47.8 | 96.8 | 10.9 | 54.4 | 3B |
| 53 | NE 2 11-2 | Pinto | 2444 | 44.5 | 89.5 | 10.7 | 57.1 | 3A |
| 54 | NE 2 11-22 | Pinto | 2404 | 45.3 | 97.5 | 10.8 | 55.4 | 3B |
| 50 | MARIAH | Pinto | 2371 | 47.5 | 89.8 | 10.8 | 57.5 | 2B |
| 46 | WINDBREAKER | Pinto | 2356 | 43.3 | 87.8 | 10.5 | 54.6 | 3A |
| 51 | MEDICINE HAT | Pinto | 2312 | 44.3 | 86.8 | 10.5 | 55.0 | 2B |
| 29 | LONGS PEAK | Pinto | 2083 | 48.8 | 90.0 | 10.7 | 55.7 | 2B |
| 48 | BUCKSKIN | Pinto | 1847 | 46.3 | 87.5 | 10.0 | 56.2 | 3B |
| | | Mean | 2710 | 46.5 | 90.9 | 10.7 | 57.2 | |
| | | CV% | 20.7 | 4.5 | 2.4 | 3.1 | 2.0 | |
| | | LSD 5% | 787.0 | 2.9 | 3.1 | 0.5 | 1.6 | |

2012 Kidney Class Scottsbluff

| Var # | Variety | Market | MC | DTF | DTM | Moist | Test WT | Growth |
|-------|--------------|---------------|--------------|-------------|-------------|-------------|-------------|--------|
| | | Class | Yield | | | | | Habit |
| 90 | PV06269 | LRK | 3277 | 47.0 | 97.3 | 12.0 | 48.9 | 1A |
| 103 | PV09377 | LRK | 3208 | 47.5 | 97.3 | 12.5 | 55.1 | 1A |
| 94 | PV09353 | LRK | 3112 | 46.8 | 97.3 | 12.2 | 56.9 | 1A |
| 100 | PV007302 | LRK | 3105 | 46.0 | 93.8 | 12.3 | 55.2 | 1A |
| 101 | PV09360 | LRK | 2907 | 45.8 | 96.0 | 12.8 | 56.7 | 1A |
| 106 | PV9373 | LRK | 2845 | 46.5 | 96.5 | 13.1 | 56.8 | 1A |
| 97 | PV09356 | LRK | 2766 | 43.3 | 94.5 | 12.7 | 55.5 | 1A |
| 105 | PV9376 | LRK | 2710 | 45.0 | 98.8 | 13.3 | 55.0 | 1A |
| 96 | PV09355 | LRK | 2631 | 47.0 | 98.5 | 12.2 | 56.1 | 1A |
| 91 | PV09350 | LRK | 2559 | 40.0 | 90.5 | 12.3 | 56.0 | 1A |
| 104 | PV9384 | LRK | 2552 | 47.0 | 96.3 | 12.1 | 56.9 | 1A |
| 108 | PINK PANTHER | LRK | 2484 | 41.0 | 91.8 | 12.0 | 57.0 | 1A |
| 107 | FOXFIRE | LRK | 2427 | 40.8 | 89.8 | 11.9 | 57.2 | 1A |
| 95 | PV09354 | LRK | 2386 | 46.5 | 93.5 | 12.6 | 56.4 | 1A |
| 92 | PV09351 | LRK | 2326 | 40.0 | 88.0 | 12.1 | 56.4 | 1A |
| 98 | PV09378 | LRK | 2219 | 40.5 | 89.5 | 11.8 | 57.3 | 1A |
| 93 | PV09352 | LRK | 2209 | 40.3 | 86.8 | 12.9 | 55.9 | 1A |
| 99 | PV09357 | LRK | 2152 | 40.5 | 88.5 | 12.1 | 56.2 | 1A |
| 102 | PV09363 | LRK | 2147 | 40.3 | 85.5 | 11.6 | 56.6 | 1A |
| 109 | CAL EARLY | LRK | 1784 | 40.3 | 86.0 | 12.5 | 57.3 | 1A |
| 110 | SACRAMENTO | LRK | 1655 | 40.8 | 86.0 | 11.9 | 57.5 | 1A |
| 111 | PV09424 | DRK | 3582 | 46.5 | 98.8 | 14.9 | 57.6 | 1A |
| 113 | PV09431 | DRK | 3424 | 45.5 | 97.5 | 12.5 | 58.2 | 1A |
| 115 | PV 9430 | DRK | 3086 | 43.8 | 92.3 | 12.9 | 56.8 | 1A |
| 114 | PV9426 | DRK | 2999 | 44.8 | 100.0 | 13.7 | 57.1 | 1A |
| 112 | PV07323 | DRK | 2835 | 45.5 | 97.3 | 12.3 | 57.3 | 1A |
| | | Mean | 2669 | 43.8 | 93.4 | 12.5 | 56.3 | |
| | | CV% | 10.0 | 4.4 | 2.5 | 4.5 | 5.3 | |
| | | LSD 5% | 379.0 | 2.7 | 3.2 | 0.8 | 4.2 | |

2012 Kidney Class Mitchell

| Var # | Variety | Market | MC | DTF | DTM | Moist | Test WT | Growth |
|-------|--------------|---------------|--------------|-------------|-------------|-------------|-------------|--------|
| | | Class | Yield | | | | | Habit |
| 92 | PV 09351 | LRK | 2992 | 46.5 | 87.5 | 10.2 | 56.1 | 1A |
| 94 | PV 09353 | LRK | 2932 | 47.5 | 97.3 | 10.1 | 57.0 | 1A |
| 95 | PV 09354 | LRK | 2833 | 47.5 | 96.3 | 10.3 | 55.9 | 1A |
| 104 | PV 9384 | LRK | 2831 | 48.3 | 96.5 | 10.4 | 56.6 | 1A |
| 98 | PV 09378 | LRK | 2818 | 44.8 | 87.0 | 10.0 | 55.7 | 1A |
| 107 | FOXFIRE | LRK | 2790 | 46.8 | 87.5 | 10.0 | 56.7 | 1A |
| 91 | PV 09350 | LRK | 2786 | 46.0 | 89.0 | 10.3 | 54.9 | 1A |
| 90 | PV 06269 | LRK | 2775 | 48.5 | 94.5 | 10.0 | 54.9 | 1A |
| 100 | PV 007302 | LRK | 2749 | 48.5 | 95.5 | 10.0 | 54.4 | 1A |
| 101 | PV 09360 | LRK | 2680 | 49.0 | 96.3 | 10.5 | 57.3 | 1A |
| 99 | PV 09357 | LRK | 2672 | 45.0 | 87.0 | 10.1 | 56.4 | 1A |
| 97 | PV 09356 | LRK | 2661 | 50.5 | 97.0 | 9.9 | 55.9 | 1A |
| 106 | PV 9373 | LRK | 2610 | 49.8 | 98.0 | 10.1 | 57.5 | 1A |
| 105 | PV 9376 | LRK | 2576 | 50.8 | 97.3 | 10.1 | 55.8 | 1A |
| 103 | PV 09377 | LRK | 2552 | 48.5 | 98.0 | 10.0 | 54.8 | 1A |
| 102 | PV 09363 | LRK | 2526 | 42.0 | 84.0 | 10.0 | 56.1 | 1A |
| 110 | SACRAMENTO | LRK | 2361 | 47.0 | 86.8 | 10.1 | 56.7 | 1A |
| 96 | PV 09355 | LRK | 2325 | 50.0 | 97.5 | 10.4 | 54.6 | 1A |
| 108 | PINK PANTHER | LRK | 2228 | 46.8 | 88.5 | 10.2 | 55.0 | 1A |
| 109 | CAL EARLY | LRK | 2213 | 43.5 | 84.8 | 10.4 | 56.9 | 1A |
| 93 | PV 09352 | LRK | 1896 | 45.3 | 87.0 | 9.7 | 55.0 | 1A |
| 113 | PV 09431 | DRK | 3096 | 49.3 | 95.3 | 10.2 | 58.0 | 1A |
| 115 | PV 9430 | DRK | 2970 | 48.3 | 96.3 | 10.5 | 57.2 | 1A |
| 112 | PV 07323 | DRK | 2926 | 49.0 | 94.3 | 10.6 | 55.7 | 1A |
| 111 | PV 09424 | DRK | 2800 | 48.3 | 99.8 | 10.5 | 57.5 | 1A |
| 114 | PV 9426 | DRK | 2505 | 49.0 | 99.8 | 10.2 | 56.7 | 1A |
| | | Mean | 2658 | 47.5 | 93.0 | 10.2 | 56.1 | |
| | | CV% | 12.3 | 4.5 | 2.7 | 3.5 | 1.7 | |
| | | LSD 5% | 459.6 | 3.0 | 3.5 | 0.5 | 1.3 | |

2012 Other Classes Scottsbluff

| Var # | Variety | Market Class | MC Yield | DTF | DTM | Moist | Test WT | Growth Habit |
|-------|------------------|--------------|---------------|-------------|-------------|-------------|-------------|--------------|
| 62 | GTS 1103 | BLK | 3563 | 52 | 100 | 12.8 | 62.4 | 3A |
| 66 | BANDIT | BLK | 3308 | 48 | 99 | 12.3 | 60.0 | 2B |
| 64 | B6020035 | BLK | 3286 | 47 | 98 | 11.9 | 60.9 | 3A |
| 58 | PV 06252 | BLK | 3252 | 48 | 97 | 12.1 | 61.9 | 2B |
| 63 | SHANIA | BLK | 3212 | 48 | 99 | 12.5 | 60.9 | 2B |
| 61 | LORETO | BLK | 3161 | 48 | 98 | 11.7 | 61.8 | 3A |
| 67 | Zorro | BLK | 2936 | 47 | 98 | 12.5 | 61.1 | 2B |
| 59 | PV 06253 | BLK | 2835 | 47 | 98 | 12.6 | 61.8 | 3A |
| 60 | PV 04352 | BLK | 2777 | 51 | 98 | 12.6 | 61.8 | 2B |
| 65 | B5054545 | BLK | 2684 | 50 | 98 | 11.1 | 60.3 | 2B |
| 57 | PV 05222 | BLK | 2334 | 48 | 94 | 12.2 | 59.5 | 3A |
| 88 | FLOYD | Pink | 3964 | 48 | 101 | 13.1 | 61.6 | 3B |
| 89 | VIVA | Pink | 2998 | 44 | 88 | 11.3 | 60.5 | 3B |
| 87 | NW63 | Small Red | 4082 | 47 | 99 | 12.6 | 63.0 | 3B |
| 82 | PV 9303 | Small Red | 3775 | 48 | 100 | 12.8 | 61.0 | 3A |
| 84 | PV 09305 | Small Red | 3727 | 46 | 94 | 12.8 | 62.4 | 3B |
| 83 | PV 09304 | Small Red | 3618 | 46 | 99 | 12.2 | 60.8 | 3B |
| 86 | UI 239 | Small Red | 3592 | 43 | 94 | 11.8 | 62.4 | 3B |
| 85 | PV 06233 | Small Red | 3409 | 43 | 92 | 11.4 | 62.5 | 3B |
| 80 | HMS MEDALIST | Small White | 3625 | 50 | 98 | 12.6 | 61.9 | 3A |
| 70 | PV 99039-3 | Small White | 3548 | 46 | 100 | 12.6 | 62.3 | 3A |
| 79 | ENSIGN | Small White | 3477 | 48 | 93 | 12.2 | 61.0 | 3A |
| 73 | PV 08072 | Small White | 3364 | 47 | 98 | 12.5 | 62.4 | 3A |
| 76 | GTS 544 | Small White | 3309 | 47 | 99 | 12.8 | 61.6 | 3A |
| 74 | PV 06063 | Small White | 3130 | 47 | 100 | 13.1 | 61.4 | 2B |
| 68 | PV 02084 | Small White | 3123 | 47 | 95 | 12.3 | 61.4 | 3A |
| 75 | PV 03036 | Small White | 3116 | 48 | 101 | 12.9 | 62.5 | 3A |
| 72 | PV 08070 | Small White | 3093 | 47 | 99 | 12.2 | 62.1 | 3A |
| 71 | PV 07073 | Small White | 2708 | 47 | 97 | 12.1 | 61.6 | 3A |
| 69 | PV 03019(Merlin) | Small White | 2636 | 46 | 99 | 12.6 | 61.9 | 2B |
| 78 | INDI | Small White | 2585 | 46 | 98 | 13.0 | 61.2 | 2B |
| 77 | OB5551-99 | Small White | 2542 | 50 | 100 | 13.3 | 61.6 | 3A |
| 81 | NAVIGATOR | Small White | 2520 | 47 | 99 | 12.1 | 61.3 | 1A |
| | Mean | | 3190.0 | 47.1 | 97.6 | 12.3 | 61.5 | |
| | CV% | | 13.2 | 3.8 | 1.8 | 5.2 | 0.7 | |
| | LSD 5 | | 592 | 2.5 | 2.4 | 0.9 | 0.6 | |