

EXPERIMENT 6101 STANDARD NAVY YIELD TEST

DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|-------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| N05319 | 29-1/JAGUAR*2/SEL1308//HR45/KABOON | 28 | 31.6 | 20.0 | 42.6 | 92.2 | 3.0 | 46.1 | 4.0 |
| N05324 | N00838/N00809//N00792 | 34 | 31.0 | 18.5 | 42.9 | 90.9 | 1.9 | 54.1 | 5.2 |
| N05310 | N03611/B01749 | 27 | 30.7 | 16.9 | 42.1 | 92.3 | 2.0 | 54.5 | 4.5 |
| N04152 | N99250 / I00758 | 46 | 30.0 | 19.5 | 42.9 | 86.1 | 2.0 | 49.1 | 4.0 |
| N05357 | 5-14/PHANTOM*2/SEL1308//HR45/KABOON | 25 | 29.9 | 18.9 | 41.9 | 92.1 | 2.5 | 48.0 | 3.4 |
| N05320 | 29-1/JAGUAR*2/SEL1308//HR45/KABOON | 41 | 29.4 | 20.6 | 42.8 | 90.6 | 3.0 | 47.5 | 3.5 |
| N02251 | JAGUAR/N97774 | 1 | 29.0 | 19.0 | 42.4 | 91.1 | 3.0 | 47.6 | 3.5 |
| N04164 | N94080 // N98118 / N93296 | 7 | 29.0 | 19.8 | 41.6 | 87.5 | 2.0 | 47.5 | 2.9 |
| N04120 | N00838 // N99219 / X00821 | 18 | 28.5 | 19.7 | 43.9 | 91.4 | 1.0 | 54.6 | 6.0 |
| N04109 | B98306 / X01002 | 20 | 28.4 | 18.5 | 43.5 | 93.1 | 1.6 | 55.0 | 5.5 |
| N04158 | N00820 / I00758 | 19 | 27.9 | 21.4 | 42.4 | 92.1 | 1.5 | 53.0 | 5.6 |
| N04571 | N00809//B95556*2/I93154 | 45 | 27.7 | 18.8 | 43.3 | 89.1 | 2.0 | 50.5 | 3.9 |
| N05302 | N00833/X01004//N00729 | 23 | 27.5 | 17.5 | 43.6 | 87.6 | 2.0 | 49.6 | 1.5 |
| N00712 | ND-88-106-04/N94080 | 13 | 27.4 | 17.2 | 41.5 | 92.5 | 3.0 | 46.9 | 2.9 |
| N04604 | X01006/B00136 | 29 | 27.2 | 20.8 | 43.9 | 91.5 | 2.4 | 52.0 | 4.1 |
| N04106 | I01893 / B98304 | 11 | 26.8 | 19.6 | 43.8 | 92.5 | 2.0 | 50.5 | 2.5 |
| N05311 | N03611/B01749 | 24 | 26.8 | 18.4 | 43.4 | 87.0 | 1.5 | 53.5 | 4.1 |
| N00713 | ND-88-106-04/MACKINAC | 6 | 26.8 | 19.2 | 42.5 | 91.7 | 3.5 | 44.6 | 2.1 |
| N05328 | N99219/X00821 | 30 | 26.8 | 20.7 | 42.0 | 90.6 | 1.5 | 52.0 | 5.4 |
| N01453 | B98301/N97772 | 5 | 26.7 | 17.2 | 42.5 | 87.4 | 3.5 | 43.4 | 3.0 |
| N05346 | N99219/X00821 | 36 | 26.5 | 19.1 | 42.4 | 92.2 | 2.0 | 52.1 | 5.2 |
| N01454 | B98301/N97772 | 4 | 26.4 | 17.4 | 42.3 | 92.1 | 3.0 | 46.0 | 2.9 |
| N00762 | VISTA/MACKINAC//N94080 | 9 | 26.2 | 17.0 | 42.6 | 90.4 | 2.6 | 50.3 | 2.8 |
| N05347 | N99219/X00821 | 42 | 26.1 | 19.5 | 41.8 | 90.5 | 0.9 | 52.1 | 5.7 |
| N04124 | N00809 // B95556 *2/I93154 | 49 | 26.0 | 18.5 | 42.5 | 89.9 | 1.9 | 50.0 | 4.1 |

EXPERIMENT 6101 STANDARD NAVY YIELD TEST

DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| N97774 | BUNSI/HURON, SEAHAWK | 16 | 25.9 | 21.6 | 38.7 | 89.4 | 3.5 | 43.0 | 3.0 |
| N05355 | N03611/B01749 | 43 | 25.9 | 17.6 | 42.0 | 87.4 | 1.1 | 50.3 | 4.8 |
| I92002 | C-20*6/CN49-242 NAVY GENTEC, VISTA | 3 | 25.8 | 17.9 | 42.7 | 88.8 | 2.0 | 50.0 | 3.9 |
| N05305 | N00838/B98304//N00792 | 44 | 25.7 | 18.7 | 42.5 | 88.8 | 2.0 | 53.0 | 3.6 |
| N05356 | N03611/B01749 | 39 | 25.3 | 18.4 | 42.7 | 86.4 | 2.1 | 48.3 | 2.8 |
| N05330 | N99219/X00821 | 38 | 24.8 | 18.6 | 42.6 | 89.5 | 1.5 | 52.1 | 5.5 |
| N02235 | N97774/N99244 | 10 | 24.7 | 24.9 | 42.2 | 90.6 | 2.9 | 46.6 | 3.1 |
| N00830 | HURON/N94080//VISTA | 15 | 24.6 | 19.3 | 40.9 | 91.0 | 3.6 | 42.5 | 2.9 |
| N05308 | I01810/B02522 | 33 | 24.5 | 20.9 | 42.0 | 90.0 | 1.6 | 48.8 | 3.0 |
| N91401 | 61627/2W33-2//C-20, 1990 MAYFLOWER | 48 | 24.5 | 19.4 | 43.0 | 92.4 | 2.1 | 52.8 | 2.0 |
| N04130 | N00810 / I01892 | 47 | 24.3 | 19.1 | 43.2 | 87.9 | 2.0 | 54.1 | 4.5 |
| N02237 | N97774/JAGUAR | 2 | 23.6 | 19.5 | 40.4 | 83.9 | 3.0 | 46.0 | 2.5 |
| N04123 | I01891 / N00809 | 17 | 23.2 | 18.9 | 42.1 | 87.0 | 3.1 | 47.8 | 2.4 |
| N05354 | N00838/N00809// 00729 | 37 | 23.2 | 17.8 | 43.0 | 85.7 | 1.5 | 50.9 | 2.9 |
| N05335 | I00751/N00820 | 31 | 22.7 | 21.9 | 42.8 | 90.1 | 2.6 | 51.4 | 3.4 |
| N05303 | N00833/X01004//N00729 | 26 | 22.6 | 18.4 | 42.9 | 86.5 | 3.0 | 47.5 | 2.6 |
| N05301 | N00833/X01004//N00792 | 22 | 22.6 | 21.8 | 42.1 | 87.8 | 3.0 | 44.7 | 3.1 |
| N05351 | I01893/N00759 | 32 | 22.5 | 16.9 | 42.6 | 93.6 | 1.9 | 50.7 | 4.1 |
| N05304 | N00838/B98304//N00792 | 35 | 22.0 | 18.3 | 42.0 | 89.4 | 0.9 | 54.9 | 3.5 |
| N00870 | N96942/MACKINAC | 12 | 21.9 | 18.6 | 42.0 | 86.7 | 2.0 | 50.5 | 3.9 |
| N04133 | N00833 /3/ N97774 // B95204 */ I93154 | 21 | 21.5 | 20.1 | 42.0 | 86.2 | 2.0 | 48.6 | 2.5 |
| N00728 | MACKINAC/N94080//VISTA/ND-88-106-04 | 14 | 20.6 | 18.5 | 41.4 | 90.1 | 2.0 | 50.1 | 3.2 |
| N04135 | N00833 /3/ N97774 // B95204 */ I93154 | 8 | 18.7 | 17.1 | 41.5 | 90.0 | 3.5 | 43.4 | 2.5 |
| N05349 | I01893/N00759 | 40 | 18.6 | 17.7 | 43.0 | 86.7 | 2.0 | 49.5 | 3.1 |
| AVERAGE OF PRECEDING 49 MEANS | | | 25.7 | 19.1 | 42.4 | 89.6 | 2.2 | 49.6 | 3.6 |
| LSD (P=.05) | | | 3.4 | 2.3 | 0.6 | 1.3 | 0.4 | 1.7 | 0.5 |
| LSD (P=.01) | | | 4.4 | 3.0 | 0.8 | 1.8 | 0.5 | 2.1 | 0.7 |
| COEFFICIENT OF VARIATION | | | 9.4 | 8.7 | 1.0 | 1.1 | 12.4 | 2.4 | 10.6 |

EXPERIMENT 6102 STANDARD BLACK TEST

PLANTING DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|--------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B03622 | B98306/X00821 | 31 | 30.1 | 20.9 | 44.1 | 90.5 | 3.0 | 53.0 | 3.0 |
| B01741 | TACANA/JAGUAR | 6 | 29.3 | 18.6 | 45.0 | 92.0 | 2.0 | 52.4 | 4.0 |
| B04554 | B00103 // B00103 / X00822 | 1 | 29.2 | 18.5 | 44.5 | 87.9 | 2.0 | 52.0 | 4.4 |
| B05024 | I01892 / B98304 //B00101 | 69 | 28.9 | 19.3 | 42.4 | 88.1 | 1.0 | 49.1 | 5.0 |
| B05040 | 35-5/JAGUAR*2/SEL 1308//HR45/KABOON | 59 | 28.8 | 18.0 | 43.3 | 90.4 | 1.5 | 54.0 | 6.0 |
| B05055 | 34-27/JAGUAR*2/SEL 1308//HR45/KABOON | 45 | 28.7 | 17.5 | 44.0 | 90.1 | 1.0 | 53.5 | 6.0 |
| B05039 | 35-5/JAGUAR*2/SEL 1308//HR45/KABOON | 49 | 28.5 | 18.5 | 43.6 | 90.1 | 1.1 | 52.1 | 5.8 |
| B05066 | B98304//N99216/I00752 | 55 | 28.3 | 16.7 | 42.1 | 88.1 | 1.5 | 52.5 | 5.1 |
| B04591 | B00101 / B95556 *2/I93154 | 3 | 27.9 | 19.0 | 43.5 | 89.0 | 1.0 | 50.9 | 4.5 |
| B04227 | B98304//B95204*2/I93154 | 16 | 27.8 | 20.3 | 44.5 | 88.6 | 3.0 | 48.6 | 3.0 |
| B05051 | 5-15/PHANTOM*2/SEL 1308//HR45/KABOON | 60 | 27.5 | 19.2 | 42.5 | 91.4 | 1.5 | 49.8 | 3.9 |
| B04260 | I01893/JAGUAR | 33 | 27.4 | 17.8 | 43.9 | 86.5 | 2.0 | 51.0 | 3.5 |
| B05041 | 35-5/JAGUAR*2/SEL 1308//HR45/KABOON | 48 | 27.4 | 18.7 | 44.1 | 91.2 | 1.5 | 52.5 | 5.6 |
| B95556 | B90211/N90616, JAGUAR | 37 | 27.4 | 17.6 | 44.5 | 87.5 | 1.0 | 51.1 | 5.0 |
| B04610 | B00101// B95556 *2/I93154 | 13 | 27.4 | 17.2 | 43.0 | 89.0 | 2.0 | 52.9 | 3.6 |
| B04561 | N99250 // B00135 / I00758 | 4 | 27.3 | 18.6 | 44.0 | 89.0 | 2.0 | 51.5 | 4.1 |
| B04607 | B95204*3/I93154 | 41 | 27.3 | 18.4 | 44.5 | 87.1 | 2.0 | 49.4 | 3.6 |
| B05065 | B98304//N99216/I00752 | 66 | 27.1 | 16.1 | 42.5 | 86.6 | 1.9 | 53.1 | 5.1 |
| B05070 | 5-15/PHANTOM*2/SEL 1308//HR45/KABOON | 47 | 27.0 | 18.2 | 43.1 | 89.5 | 1.5 | 52.5 | 4.5 |
| B04585 | B98306 // B95556 *2/I93154 | 18 | 26.9 | 18.8 | 42.0 | 87.4 | 2.0 | 51.4 | 4.0 |
| B04596 | B98306 / X01001 | 35 | 26.9 | 20.4 | 43.1 | 88.4 | 2.1 | 53.6 | 3.9 |
| B04587 | B95556 *4/I93154 | 2 | 26.9 | 18.0 | 42.5 | 88.5 | 2.5 | 52.4 | 3.5 |
| B05069 | B98304//B95204*2/I93154/3/B00101 | 68 | 26.8 | 17.5 | 43.0 | 87.9 | 1.0 | 50.4 | 5.0 |
| B05054 | 34-27/JAGUAR*2/SEL 1308//HR45/KABOON | 57 | 26.7 | 18.2 | 44.5 | 84.1 | 1.0 | 52.1 | 5.1 |
| B01793 | N98123/VAX-5 | 17 | 26.6 | 19.2 | 44.4 | 90.5 | 2.0 | 52.1 | 3.0 |

EXPERIMENT 6102 STANDARD BLACK TEST

PLANTING DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|-------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04222 | X01001/B98306 | 15 | 26.6 | 18.6 | 44.0 | 90.6 | 2.0 | 52.5 | 2.9 |
| I03390 | ND9902621-2, ECLIPSE | 29 | 26.4 | 17.3 | 45.0 | 86.3 | 2.0 | 52.4 | 3.4 |
| B04606 | B95556*4/I93154 | 27 | 26.3 | 17.3 | 44.0 | 85.5 | 1.0 | 52.0 | 4.3 |
| B04617 | B98306 / I00758 | 40 | 25.9 | 19.1 | 42.0 | 88.9 | 1.5 | 51.0 | 3.9 |
| B04588 | B95556 *4/I93154 | 72 | 25.9 | 17.4 | 43.9 | 89.9 | 2.0 | 52.0 | 3.5 |
| B03626 | B98306/X00821 | 34 | 25.9 | 16.8 | 44.4 | 89.5 | 3.0 | 48.1 | 3.1 |
| B01098 | BLACK MAGIC/RAVEN | 39 | 25.9 | 17.5 | 45.5 | 86.5 | 2.1 | 51.1 | 3.5 |
| B05052 | 5-16/JAGUAR*2/SEL 1308//HR45/KABOON | 58 | 25.8 | 18.7 | 42.7 | 93.9 | 3.5 | 47.9 | 3.0 |
| B05004 | B00101 // B98306 / X01001 | 46 | 25.7 | 17.2 | 44.5 | 90.1 | 2.0 | 53.0 | 4.1 |
| B04230 | B98304//B95204*2/I93154 | 11 | 25.6 | 16.0 | 45.0 | 87.4 | 1.5 | 51.6 | 4.5 |
| B05036 | B00101 / N00809 | 70 | 25.6 | 19.8 | 43.0 | 89.0 | 1.0 | 49.2 | 5.0 |
| B04583 | B98304 // B95556 *2/I93154 | 32 | 25.6 | 17.8 | 41.6 | 88.5 | 1.0 | 53.5 | 5.0 |
| B04235 | N00833/X01004 | 8 | 25.5 | 18.4 | 43.5 | 88.4 | 1.9 | 54.3 | 3.4 |
| B02546 | PHANTOM//JAGUAR/TLP-20 | 19 | 25.5 | 17.5 | 44.1 | 88.1 | 1.5 | 51.4 | 4.1 |
| B04631 | B00135 / I00758 | 20 | 25.4 | 18.8 | 43.0 | 86.6 | 1.0 | 52.5 | 3.9 |
| B04210 | N00838//B98306/X00822 | 12 | 25.4 | 16.1 | 42.7 | 85.3 | 1.5 | 51.4 | 4.0 |
| B05010 | B98304 // B95204 *I93154 /3/B00101 | 62 | 25.2 | 17.3 | 43.0 | 87.0 | 1.5 | 49.4 | 2.8 |
| B04238 | B00102//B95556*2/I93154 | 26 | 25.1 | 15.9 | 44.5 | 85.5 | 1.0 | 50.0 | 4.1 |
| B04203 | B98306/X01004 | 36 | 25.1 | 18.2 | 43.4 | 89.5 | 3.1 | 48.0 | 2.5 |
| B05028 | B00101 // B95204 / X01002 | 51 | 24.8 | 18.3 | 42.9 | 86.6 | 2.0 | 49.7 | 3.9 |
| B05032 | I02525 / B01741 | 61 | 24.7 | 16.2 | 43.9 | 86.1 | 1.0 | 51.0 | 3.1 |
| B05068 | B98304//B95204*2/I93154/3/B00101 | 63 | 24.7 | 17.2 | 44.0 | 88.9 | 0.9 | 50.7 | 4.4 |
| B05006 | B00101 // B98306 / X01001 | 65 | 24.5 | 17.9 | 44.3 | 90.4 | 2.0 | 53.1 | 4.0 |
| B04625 | B00103 / I00758 | 21 | 24.4 | 20.9 | 43.0 | 87.2 | 2.0 | 48.0 | 3.9 |
| I01892 | G24423/2*TACANA, 115-11M | 64 | 23.9 | 17.9 | 43.9 | 90.3 | 2.5 | 50.3 | 3.4 |

EXPERIMENT 6102 STANDARD BLACK TEST

PLANTING DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04586 | B00101 // B00134 /B00103 | 7 | 23.9 | 17.1 | 44.0 | 90.5 | 3.0 | 48.5 | 3.1 |
| B04214 | B95556//B95204*2/I93154 | 25 | 23.8 | 20.0 | 42.0 | 89.4 | 2.5 | 48.4 | 3.0 |
| B05005 | B00101 // B98306 / X01001 | 50 | 23.7 | 17.3 | 43.9 | 89.0 | 1.5 | 52.6 | 4.0 |
| B04612 | N00838 / B98304 | 23 | 23.7 | 16.9 | 42.9 | 86.1 | 2.0 | 51.1 | 3.0 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 42 | 23.6 | 19.0 | 44.1 | 89.6 | 2.9 | 50.5 | 4.1 |
| B76003 | N2/BTS, DOMINO | 43 | 23.6 | 17.6 | 46.2 | 92.0 | 3.5 | 48.9 | 3.1 |
| B01772 | B98311/B97777 | 38 | 23.5 | 16.4 | 44.1 | 86.9 | 2.5 | 50.5 | 2.9 |
| B05058 | B00134//B95204*2/I93154 | 54 | 23.5 | 19.3 | 43.0 | 89.9 | 3.0 | 47.8 | 2.9 |
| B04239 | B98306//B00134/B00103 | 22 | 22.7 | 17.0 | 42.3 | 87.0 | 2.0 | 50.1 | 3.0 |
| B05059 | B98306/X01001 | 67 | 22.6 | 15.6 | 42.4 | 86.0 | 1.0 | 50.5 | 3.6 |
| I81066 | SEL-BTS, T39 | 44 | 22.4 | 18.2 | 44.6 | 89.5 | 3.9 | 41.8 | 2.5 |
| B04216 | I01893//B95204*2/I93154 | 10 | 22.4 | 16.1 | 44.1 | 83.9 | 1.0 | 51.6 | 3.0 |
| B04566 | B00103 // B95556 *2/I93154 | 5 | 22.3 | 16.3 | 43.9 | 85.4 | 1.5 | 50.8 | 3.0 |
| B04570 | N00809 // B95556 *2/I93154 | 14 | 22.2 | 18.2 | 41.9 | 86.0 | 1.0 | 48.6 | 3.5 |
| B05053 | 34-27/PHANTOM*2/SEL 1308//HR45/KABOON | 71 | 22.1 | 20.6 | 42.6 | 92.5 | 3.5 | 47.6 | 2.9 |
| B05031 | I02525 / B01741 | 52 | 21.9 | 16.8 | 44.8 | 88.1 | 1.5 | 52.7 | 3.6 |
| B05063 | B98304//B95204*2/I93154/3/B00101 | 53 | 21.8 | 16.7 | 45.8 | 86.0 | 1.0 | 51.6 | 4.0 |
| B05035 | B00101 / I02717 | 56 | 21.7 | 17.6 | 44.0 | 88.6 | 3.0 | 46.6 | 3.4 |
| B04567 | B00103 // B95556 *2/I93154 | 9 | 21.2 | 18.6 | 43.9 | 85.5 | 1.5 | 51.6 | 3.0 |
| B04234 | N00810/3/N97774//B95204*/I93154 | 24 | 21.2 | 16.7 | 43.1 | 85.9 | 2.0 | 48.6 | 2.6 |
| B04225 | X01002//B00134/B00103 | 28 | 20.1 | 17.1 | 44.2 | 88.5 | 3.5 | 45.4 | 3.1 |
| B02562 | B98311/JAGUAR | 30 | 19.8 | 18.2 | 43.6 | 85.6 | 2.5 | 47.5 | 3.6 |
| AVERAGE OF PRECEDING 72 MEANS | | | 25.3 | 18.0 | 43.6 | 88.3 | 1.9 | 50.7 | 3.8 |
| LSD (P=.05) | | | 2.3 | 1.1 | 0.7 | 1.3 | 0.3 | 1.2 | 0.4 |
| LSD (P=.01) | | | 3.0 | 1.5 | 0.9 | 1.7 | 0.4 | 1.5 | 0.6 |
| COEFFICIENT OF VARIATION | | | 6.4 | 4.4 | 1.1 | 1.1 | 11.6 | 1.6 | 7.9 |

EXPERIMENT 6103 PYT NAVIES AND BLACKS

DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06257 | JET BLACK (CDBN) | 3 | 35.3 | 20.3 | 42.6 | 93.2 | 2.5 | 50.5 | 3.0 |
| I01892 | G24423/2*TACANA, 115-11M ,MEX.(BK) | 4 | 34.4 | 20.5 | 44.4 | 92.9 | 2.0 | 52.8 | 4.1 |
| I06271 | ND012103 | 9 | 33.9 | 20.6 | 40.9 | 91.5 | 3.0 | 49.0 | 3.5 |
| B06310 | I02525/B01741 | 21 | 33.4 | 18.8 | 42.7 | 90.9 | 2.0 | 49.9 | 4.0 |
| B06312 | I02525/B01741 | 23 | 32.8 | 20.1 | 42.4 | 88.9 | 1.5 | 50.9 | 4.0 |
| B06309 | I02525/B01741 | 20 | 32.7 | 18.3 | 42.6 | 91.2 | 2.5 | 52.1 | 4.1 |
| I92002 | C-20*6/CN49-242 NAVY GENTEC, VISTA | 29 | 32.4 | 19.0 | 41.9 | 91.4 | 3.0 | 47.0 | 3.5 |
| N06701 | N00838/N00809//N00729 | 19 | 32.4 | 20.9 | 42.2 | 91.6 | 2.0 | 50.7 | 4.5 |
| B06311 | I02525/B01741 | 22 | 31.9 | 17.5 | 42.6 | 90.5 | 2.0 | 51.1 | 4.0 |
| B06303 | B98306/X01001//B00101 | 13 | 31.7 | 21.7 | 42.0 | 90.1 | 2.0 | 47.5 | 4.0 |
| B06301 | B00101//B98306/X01004 | 11 | 31.7 | 20.5 | 42.5 | 89.8 | 2.0 | 49.2 | 3.6 |
| B06302 | B00101//B98306/X01004 | 12 | 31.3 | 20.5 | 41.1 | 87.9 | 2.0 | 48.9 | 4.0 |
| I06256 | ISB TR-13 (CDBN) | 2 | 31.3 | 21.7 | 42.5 | 91.6 | 3.5 | 45.3 | 2.9 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 5 | 30.8 | 20.0 | 41.9 | 91.3 | 2.0 | 49.6 | 4.0 |
| B06304 | B98306/X01001//B00101 | 14 | 30.6 | 21.5 | 40.8 | 92.2 | 2.0 | 48.9 | 4.5 |
| I06272 | ND0121363 | 10 | 29.9 | 19.5 | 43.8 | 88.9 | 2.5 | 47.9 | 4.0 |
| B95556 | B90211/N90616, JAGUAR | 30 | 29.7 | 18.3 | 41.9 | 88.7 | 1.5 | 51.2 | 4.0 |
| I06255 | B210237(CDBN) | 1 | 29.5 | 19.6 | 42.2 | 91.4 | 2.0 | 47.8 | 3.0 |
| N06705 | N99219/X00821 | 28 | 29.4 | 16.6 | 41.4 | 91.7 | 2.5 | 47.5 | 4.4 |
| N06702 | N00809//B95556*2/I93154 | 25 | 29.2 | 18.0 | 44.0 | 90.3 | 2.5 | 48.9 | 4.0 |
| B06305 | B98306/X01001//B00101 | 15 | 28.9 | 20.7 | 40.8 | 90.4 | 2.0 | 47.5 | 3.5 |
| N06703 | N00809//B95556*2/I93154 | 26 | 28.9 | 18.2 | 43.3 | 90.8 | 2.0 | 49.3 | 4.5 |
| I04101 | OAC REX (CDBN) | 7 | 28.2 | 19.2 | 41.7 | 93.2 | 2.5 | 48.1 | 3.0 |
| N97774 | BUNSI/HURON, SEAHAWK | 8 | 27.8 | 21.1 | 40.0 | 90.7 | 3.0 | 46.1 | 3.5 |
| B06313 | I02525/B01741 | 24 | 27.8 | 19.3 | 45.3 | 89.1 | 2.0 | 50.1 | 3.0 |
| I06258 | SEABISKIT (CDBN) | 6 | 27.8 | 17.7 | 41.9 | 91.8 | 3.0 | 45.9 | 3.5 |
| B06308 | N02306/B00101 | 18 | 27.4 | 20.9 | 41.6 | 90.4 | 3.0 | 45.7 | 3.0 |
| B06306 | B98306/X01001//B00101 | 16 | 27.3 | 20.9 | 41.4 | 90.4 | 2.0 | 46.6 | 3.5 |
| B06307 | N02306/B00101 | 17 | 27.1 | 20.8 | 43.4 | 88.7 | 2.5 | 45.8 | 3.5 |
| N06704 | N00809//B95556*2/I93154 | 27 | 24.9 | 19.6 | 44.7 | 90.9 | 3.0 | 47.1 | 3.0 |
| AVERAGE OF PRECEDING 30 MEANS | | | 30.3 | 19.7 | 42.3 | 90.8 | 2.3 | 48.6 | 3.7 |
| LSD (P=.05) | | | 3.0 | 1.8 | 1.4 | 1.2 | 0.6 | 1.4 | 0.6 |
| LSD (P=.01) | | | 4.0 | 2.3 | 1.8 | 1.6 | 0.7 | 1.9 | 0.8 |
| COEFFICIENT OF VARIATION | | | 6.1 | 5.5 | 2.0 | 0.8 | 14.8 | 1.8 | 9.9 |

EXPERIMENT 6104 PYT BLACK TEST

DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|--|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04554 | B00103 // B00103 / X00822 | 10 | 41.4 | 22.6 | 43.5 | 92.5 | 2.0 | 53.0 | 5.0 |
| I06281 | ALN/Raven, DPC-1 (DR) | 2 | 32.0 | 22.1 | 43.5 | 90.5 | 1.5 | 51.0 | 4.5 |
| I06282 | ALN/Raven, DPC-2 (DR) | 3 | 29.3 | 23.4 | 43.5 | 92.0 | 2.0 | 49.0 | 4.0 |
| I06284 | ALN/Raven, DPC-4 (DR) | 5 | 28.9 | 23.1 | 43.0 | 90.0 | 2.0 | 48.5 | 4.0 |
| B90222 | N84004/B85009 (B89104 SEL), RAVEN | 7 | 28.4 | 18.4 | 43.5 | 89.5 | 1.5 | 49.5 | 3.0 |
| B95556 | B90211/N90616, JAGUAR | 9 | 28.3 | 20.0 | 43.0 | 90.0 | 1.5 | 51.0 | 4.5 |
| I06283 | ALN/Raven, DPC-3 (DR) | 4 | 28.2 | 22.1 | 44.0 | 90.5 | 2.0 | 49.5 | 3.5 |
| I06285 | ALN/Raven, DPC-5 (DR) | 6 | 27.1 | 22.4 | 45.0 | 89.5 | 2.0 | 49.5 | 4.0 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 8 | 26.2 | 21.6 | 43.5 | 92.0 | 2.5 | 48.5 | 4.0 |
| I06280 | ARROYO LORO NEGRO - ALN | 1 | 24.1 | 22.5 | 49.5 | 93.0 | 3.0 | 46.0 | 3.0 |
| AVERAGE OF PRECEDING 10 MEANS | | | 29.4 | 21.8 | 44.2 | 90.9 | 2.0 | 49.5 | 4.0 |
| LSD (P=.05) | | | 3.6 | 1.1 | 1.2 | 1.0 | 0.5 | 1.2 | 0.5 |
| LSD (P=.01) | | | 4.6 | 1.5 | 1.6 | 1.3 | 0.7 | 1.6 | 0.6 |
| COEFFICIENT OF VARIATION | | | 7.4 | 3.1 | 1.7 | 0.7 | 16.7 | 1.5 | 7.2 |

DPC lines from the Dominican Republic (DR) are coded in honor of Dr. Dermot P. Coyne

EXPERIMENT 6105 PYT BLACK'S I01892(115-11M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|----------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04391 | I01892/JAGUAR | 33 | 37.9 | 18.9 | 44.9 | 98.5 | 2.6 | 47.9 | 2.0 |
| B04431 | I01892/JAGUAR | 73 | 35.7 | 21.2 | 46.0 | 95.1 | 2.0 | 49.9 | 4.0 |
| B04411 | I01892/JAGUAR | 53 | 35.2 | 19.8 | 46.1 | 95.8 | 3.0 | 48.6 | 3.0 |
| B04398 | I01892/JAGUAR | 40 | 34.8 | 18.8 | 46.4 | 94.8 | 2.1 | 48.4 | 4.0 |
| B04370 | I01892/JAGUAR | 12 | 34.8 | 18.6 | 45.0 | 97.2 | 3.5 | 48.4 | 3.0 |
| B04444 | I01892/JAGUAR | 86 | 34.4 | 16.7 | 45.9 | 93.2 | 2.0 | 49.4 | 4.5 |
| B04445 | I01892/JAGUAR | 87 | 34.3 | 20.7 | 45.0 | 96.5 | 2.6 | 49.4 | 3.5 |
| B04404 | I01892/JAGUAR | 46 | 34.3 | 19.0 | 46.4 | 92.0 | 2.5 | 49.1 | 4.0 |
| B04446 | I01892/JAGUAR | 88 | 34.3 | 16.3 | 46.0 | 96.1 | 3.0 | 47.5 | 2.5 |
| B04429 | I01892/JAGUAR | 71 | 34.0 | 18.8 | 44.0 | 92.2 | 2.0 | 49.0 | 4.0 |
| B04443 | I01892/JAGUAR | 85 | 34.0 | 17.1 | 44.0 | 94.2 | 2.0 | 50.1 | 4.0 |
| B04423 | I01892/JAGUAR | 65 | 34.0 | 18.0 | 48.0 | 94.3 | 3.5 | 48.9 | 3.0 |
| B04414 | I01892/JAGUAR | 56 | 33.8 | 18.1 | 44.0 | 95.9 | 2.5 | 49.1 | 3.5 |
| B04400 | I01892/JAGUAR | 42 | 33.5 | 18.1 | 44.4 | 94.7 | 2.1 | 48.9 | 4.0 |
| B04386 | I01892/JAGUAR | 28 | 33.4 | 20.1 | 43.0 | 91.8 | 1.4 | 50.1 | 5.0 |
| B04397 | I01892/JAGUAR | 39 | 33.2 | 19.8 | 44.4 | 95.9 | 2.0 | 48.1 | 4.0 |
| B04412 | I01892/JAGUAR | 54 | 33.1 | 19.2 | 43.5 | 92.6 | 1.5 | 50.6 | 4.5 |
| B04450 | I01892/JAGUAR | 92 | 33.1 | 19.4 | 44.0 | 93.3 | 1.6 | 48.0 | 4.5 |
| B04451 | I01892/JAGUAR | 93 | 33.1 | 20.3 | 44.4 | 93.5 | 2.0 | 48.0 | 4.0 |
| B04376 | I01892/JAGUAR | 97 | 33.0 | 18.7 | 44.5 | 94.3 | 2.0 | 48.5 | 4.0 |
| B04410 | I01892/JAGUAR | 52 | 33.0 | 19.4 | 45.0 | 97.0 | 3.0 | 48.5 | 3.0 |
| B04435 | I01892/JAGUAR | 77 | 32.9 | 17.3 | 45.0 | 94.7 | 2.5 | 48.0 | 3.5 |
| B04440 | I01892/JAGUAR | 82 | 32.9 | 17.7 | 44.0 | 92.2 | 1.5 | 48.5 | 4.5 |
| B04364 | I01892/JAGUAR | 6 | 32.8 | 20.3 | 45.5 | 93.5 | 1.5 | 52.5 | 4.0 |
| I01892 | G24423/2*TACANA,115-11M,MEX.(BK) | 100 | 32.6 | 19.8 | 45.0 | 94.2 | 2.0 | 49.0 | 3.5 |

EXPERIMENT 6105 PYT BLACK'S I01892(115-11M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04396 | I01892/JAGUAR | 38 | 32.6 | 19.0 | 43.0 | 96.0 | 3.0 | 48.5 | 3.0 |
| B04387 | I01892/JAGUAR | 29 | 32.5 | 19.3 | 44.5 | 91.9 | 2.4 | 48.1 | 3.5 |
| B04405 | I01892/JAGUAR | 47 | 32.4 | 19.2 | 43.5 | 93.3 | 1.5 | 50.0 | 5.5 |
| B04437 | I01892/JAGUAR | 79 | 32.4 | 19.6 | 44.1 | 91.1 | 2.5 | 48.5 | 4.0 |
| B04409 | I01892/JAGUAR | 51 | 32.3 | 19.0 | 47.4 | 95.2 | 3.0 | 49.0 | 3.0 |
| B04402 | I01892/JAGUAR | 44 | 32.2 | 16.0 | 45.5 | 96.0 | 2.0 | 49.5 | 4.0 |
| B04428 | I01892/JAGUAR | 70 | 31.8 | 20.1 | 44.0 | 95.9 | 2.0 | 50.5 | 3.0 |
| B04413 | I01892/JAGUAR | 55 | 31.8 | 18.6 | 45.5 | 93.8 | 2.5 | 47.9 | 3.0 |
| B04433 | I01892/JAGUAR | 75 | 31.7 | 17.5 | 45.0 | 94.9 | 2.0 | 49.9 | 4.0 |
| B04382 | I01892/JAGUAR | 24 | 31.7 | 19.2 | 44.6 | 95.1 | 2.0 | 50.0 | 4.0 |
| B04371 | I01892/JAGUAR | 98 | 31.7 | 19.0 | 44.0 | 93.3 | 2.0 | 48.9 | 4.5 |
| B04420 | I01892/JAGUAR | 62 | 31.5 | 18.8 | 45.0 | 93.7 | 2.0 | 48.4 | 4.0 |
| B04368 | I01892/JAGUAR | 10 | 31.4 | 18.1 | 46.1 | 93.4 | 2.6 | 48.4 | 3.0 |
| B04360 | I01892/JAGUAR | 2 | 31.4 | 18.8 | 48.1 | 95.9 | 3.0 | 46.9 | 3.0 |
| B04365 | I01892/JAGUAR | 7 | 31.3 | 19.2 | 44.7 | 93.2 | 2.0 | 49.0 | 4.0 |
| B04366 | I01892/JAGUAR | 8 | 31.2 | 18.6 | 44.1 | 94.3 | 2.0 | 49.0 | 3.5 |
| B04447 | I01892/JAGUAR | 89 | 31.2 | 19.0 | 45.1 | 96.2 | 2.0 | 47.9 | 3.5 |
| B04372 | I01892/JAGUAR | 14 | 31.2 | 20.5 | 45.9 | 95.4 | 2.0 | 49.1 | 3.5 |
| B04361 | I01892/JAGUAR | 3 | 31.2 | 18.6 | 45.5 | 97.1 | 2.5 | 48.0 | 2.5 |
| B04406 | I01892/JAGUAR | 48 | 31.2 | 18.0 | 45.1 | 93.4 | 3.0 | 48.5 | 3.5 |
| B04384 | I01892/JAGUAR | 26 | 31.1 | 18.0 | 44.5 | 94.7 | 1.5 | 49.5 | 4.5 |
| B04454 | I01892/JAGUAR | 96 | 31.0 | 19.2 | 44.0 | 91.5 | 2.5 | 48.1 | 3.5 |
| B04416 | I01892/JAGUAR | 58 | 31.0 | 19.3 | 44.4 | 94.0 | 1.0 | 51.0 | 5.0 |
| B04439 | I01892/JAGUAR | 81 | 31.0 | 19.2 | 44.6 | 92.8 | 3.0 | 46.0 | 2.5 |
| B04421 | I01892/JAGUAR | 63 | 30.9 | 18.7 | 44.4 | 92.0 | 2.0 | 48.5 | 4.0 |

EXPERIMENT 6105 PYT BLACK'S I01892(115-11M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|--------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04388 | I01892/JAGUAR | 30 | 30.8 | 17.8 | 44.6 | 91.4 | 2.0 | 50.5 | 5.0 |
| B04385 | I01892/JAGUAR | 27 | 30.6 | 18.8 | 48.5 | 93.8 | 3.4 | 47.6 | 3.0 |
| B04369 | I01892/JAGUAR | 11 | 30.5 | 20.1 | 44.1 | 92.4 | 1.9 | 49.1 | 4.5 |
| B04378 | I01892/JAGUAR | 20 | 30.5 | 19.0 | 44.0 | 95.1 | 2.1 | 48.5 | 4.0 |
| B04367 | I01892/JAGUAR | 9 | 30.4 | 19.1 | 44.8 | 95.5 | 2.0 | 49.0 | 3.5 |
| B04362 | I01892/JAGUAR | 99 | 30.4 | 17.2 | 44.4 | 93.2 | 2.6 | 49.0 | 3.5 |
| B04453 | I01892/JAGUAR | 95 | 30.4 | 20.4 | 45.9 | 94.7 | 2.1 | 48.9 | 4.0 |
| B04418 | I01892/JAGUAR | 60 | 30.4 | 20.9 | 45.9 | 95.4 | 3.0 | 48.1 | 4.0 |
| B04374 | I01892/JAGUAR | 16 | 30.4 | 19.4 | 44.6 | 96.6 | 3.5 | 47.5 | 2.5 |
| B04417 | I01892/JAGUAR | 59 | 30.4 | 18.6 | 44.1 | 91.0 | 2.0 | 49.0 | 3.5 |
| B04394 | I01892/JAGUAR | 36 | 30.3 | 20.0 | 46.0 | 95.6 | 3.0 | 48.5 | 3.0 |
| B04401 | I01892/JAGUAR | 43 | 30.2 | 19.2 | 44.1 | 94.4 | 2.0 | 49.1 | 4.0 |
| B04422 | I01892/JAGUAR | 64 | 30.0 | 20.1 | 46.4 | 95.8 | 2.0 | 49.4 | 3.5 |
| B04419 | I01892/JAGUAR | 61 | 29.9 | 18.6 | 44.1 | 92.0 | 1.9 | 48.5 | 4.0 |
| B04383 | I01892/JAGUAR | 25 | 29.9 | 18.8 | 44.5 | 94.2 | 1.4 | 49.2 | 5.5 |
| B04436 | I01892/JAGUAR | 78 | 29.9 | 19.2 | 44.4 | 95.4 | 1.5 | 49.0 | 4.0 |
| B04426 | I01892/JAGUAR | 68 | 29.8 | 18.6 | 44.5 | 93.8 | 1.0 | 50.0 | 4.0 |
| B04395 | I01892/JAGUAR | 37 | 29.7 | 21.1 | 44.0 | 91.6 | 1.1 | 48.9 | 5.5 |
| B04389 | I01892/JAGUAR | 31 | 29.7 | 18.9 | 44.1 | 94.5 | 2.0 | 48.5 | 4.0 |
| B04441 | I01892/JAGUAR | 83 | 29.6 | 19.1 | 45.8 | 95.4 | 2.0 | 48.9 | 3.5 |
| B95556 | B90211/N90616, JAGUAR | 4 | 29.5 | 18.6 | 44.0 | 92.4 | 1.5 | 48.5 | 5.0 |
| B04425 | I01892/JAGUAR | 67 | 29.4 | 19.1 | 46.6 | 95.5 | 1.9 | 49.6 | 3.0 |
| B04379 | I01892/JAGUAR | 21 | 29.1 | 19.4 | 44.1 | 93.0 | 2.0 | 48.9 | 3.0 |
| B04434 | I01892/JAGUAR | 76 | 29.1 | 19.4 | 47.0 | 96.3 | 3.0 | 49.0 | 3.0 |
| I98402 | DOR390, TACANA (MEXICO) | 18 | 29.0 | 19.6 | 44.5 | 94.8 | 1.9 | 48.6 | 4.5 |

EXPERIMENT 6105 PYT BLACK'S I01892(115-11M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------------------------------|---------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04432 | I01892/JAGUAR | 74 | 29.0 | 20.4 | 44.5 | 95.5 | 2.4 | 49.0 | 3.5 |
| B04377 | I01892/JAGUAR | 19 | 29.0 | 18.9 | 44.4 | 92.4 | 1.5 | 49.5 | 4.5 |
| B04438 | I01892/JAGUAR | 80 | 28.8 | 19.6 | 45.0 | 93.9 | 1.0 | 49.6 | 4.0 |
| B04393 | I01892/JAGUAR | 35 | 28.8 | 17.5 | 45.1 | 96.4 | 2.6 | 47.0 | 3.0 |
| I81066 | SEL-BTS, T39 | 13 | 28.8 | 18.8 | 44.4 | 92.5 | 4.1 | 46.0 | 1.5 |
| B04392 | I01892/JAGUAR | 34 | 28.8 | 20.5 | 44.4 | 94.9 | 2.0 | 49.0 | 4.0 |
| B04449 | I01892/JAGUAR | 91 | 28.7 | 17.9 | 45.0 | 91.7 | 2.0 | 48.0 | 3.5 |
| B04375 | I01892/JAGUAR | 17 | 28.6 | 18.7 | 44.1 | 94.4 | 0.9 | 50.6 | 5.5 |
| B04390 | I01892/JAGUAR | 32 | 28.4 | 19.4 | 45.5 | 95.2 | 2.0 | 48.9 | 3.5 |
| B04415 | I01892/JAGUAR | 57 | 28.4 | 20.1 | 44.1 | 91.8 | 0.9 | 48.1 | 4.5 |
| B04452 | I01892/JAGUAR | 94 | 28.2 | 18.6 | 47.4 | 95.3 | 3.0 | 48.4 | 3.5 |
| B04399 | I01892/JAGUAR | 41 | 28.1 | 18.8 | 43.9 | 95.9 | 1.5 | 49.0 | 3.5 |
| B04373 | I01892/JAGUAR | 15 | 28.1 | 20.0 | 46.6 | 97.5 | 2.0 | 50.1 | 2.5 |
| B04448 | I01892/JAGUAR | 90 | 28.0 | 20.5 | 45.5 | 95.9 | 2.9 | 47.6 | 3.0 |
| B04363 | I01892/JAGUAR | 5 | 27.9 | 17.6 | 43.4 | 95.4 | 3.5 | 49.0 | 3.0 |
| B04380 | I01892/JAGUAR | 22 | 27.8 | 20.4 | 45.6 | 91.6 | 1.0 | 50.0 | 5.5 |
| B04407 | I01892/JAGUAR | 49 | 27.8 | 19.1 | 44.4 | 92.7 | 2.0 | 49.5 | 4.0 |
| B04430 | I01892/JAGUAR | 72 | 27.7 | 20.7 | 45.0 | 93.6 | 1.5 | 50.0 | 3.5 |
| B04403 | I01892/JAGUAR | 45 | 27.6 | 17.8 | 47.6 | 94.5 | 2.5 | 47.0 | 3.0 |
| B04424 | I01892/JAGUAR | 66 | 27.5 | 18.8 | 44.0 | 94.8 | 2.0 | 49.5 | 3.5 |
| B04408 | I01892/JAGUAR | 50 | 27.2 | 16.2 | 44.0 | 94.9 | 2.0 | 47.5 | 4.0 |
| B04381 | I01892/JAGUAR | 23 | 26.7 | 18.9 | 45.0 | 91.5 | 1.1 | 47.5 | 4.0 |
| B04359 | I01892/JAGUAR | 1 | 26.6 | 18.0 | 43.9 | 92.2 | 4.0 | 47.5 | 2.0 |
| B04427 | I01892/JAGUAR | 69 | 26.6 | 19.8 | 45.1 | 94.6 | 1.5 | 48.9 | 4.0 |
| B04442 | I01892/JAGUAR | 84 | 25.8 | 20.4 | 45.2 | 94.1 | 1.0 | 48.5 | 5.0 |
| AVERAGE OF PRECEDING 100 MEANS | | | 30.9 | 19.0 | 45.0 | 94.2 | 2.2 | 48.8 | 3.7 |
| LSD (P=.05) | | | 2.7 | 1.4 | 1.1 | 1.4 | 0.5 | 1.1 | 0.7 |
| LSD (P=.01) | | | 3.5 | 1.8 | 1.4 | 1.9 | 0.7 | 1.4 | 0.9 |
| COEFFICIENT OF VARIATION | | | 5.3 | 4.5 | 1.5 | 0.9 | 15.4 | 1.4 | 11.1 |

EXPERIMENT 6106 PYT BLACK'S I01981(48-21M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|----------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04349 | I01891/JAGUAR | 50 | 35.1 | 19.9 | 44.5 | 97.1 | 2.1 | 50.5 | 2.5 |
| B04311 | I01891/JAGUAR | 12 | 34.6 | 17.3 | 44.0 | 92.9 | 2.5 | 49.0 | 3.5 |
| B04315 | I01891/JAGUAR | 16 | 33.5 | 21.3 | 43.0 | 92.3 | 2.5 | 48.0 | 4.0 |
| B04323 | I01891/JAGUAR | 24 | 32.8 | 19.5 | 46.0 | 94.1 | 2.1 | 49.0 | 4.0 |
| B04302 | I01891/JAGUAR | 3 | 32.2 | 19.5 | 44.5 | 93.9 | 3.0 | 48.0 | 3.0 |
| B04324 | I01891/JAGUAR | 25 | 32.1 | 18.4 | 46.5 | 92.4 | 3.1 | 48.5 | 3.0 |
| B04331 | I01891/JAGUAR | 32 | 32.1 | 17.4 | 45.0 | 92.5 | 2.5 | 48.5 | 3.5 |
| B04350 | I01891/JAGUAR | 51 | 31.9 | 17.6 | 46.0 | 95.0 | 1.9 | 50.0 | 3.5 |
| B04335 | I01891/JAGUAR | 36 | 31.8 | 18.6 | 45.0 | 92.9 | 3.0 | 48.0 | 3.0 |
| B04337 | I01891/JAGUAR | 38 | 31.4 | 19.4 | 45.5 | 96.7 | 2.6 | 51.0 | 2.5 |
| B04301 | I01891/JAGUAR | 2 | 31.1 | 21.5 | 44.0 | 94.6 | 2.0 | 49.5 | 4.0 |
| B04354 | I01891/JAGUAR | 55 | 31.1 | 20.5 | 47.0 | 94.6 | 3.0 | 48.0 | 3.0 |
| B04358 | I01891/JAGUAR | 59 | 31.1 | 19.0 | 44.0 | 94.0 | 2.5 | 49.0 | 3.5 |
| B04316 | I01891/JAGUAR | 17 | 31.0 | 19.4 | 44.5 | 94.9 | 2.9 | 48.0 | 2.5 |
| B04352 | I01891/JAGUAR | 53 | 31.0 | 18.4 | 43.5 | 92.1 | 3.0 | 47.5 | 2.5 |
| B04325 | I01891/JAGUAR | 26 | 30.9 | 18.0 | 45.0 | 92.8 | 2.6 | 48.5 | 4.0 |
| B04343 | I01891/JAGUAR | 44 | 30.9 | 20.2 | 44.0 | 93.9 | 2.5 | 48.5 | 4.0 |
| B04336 | I01891/JAGUAR | 37 | 30.9 | 19.0 | 44.0 | 92.6 | 2.1 | 48.5 | 3.5 |
| I98402 | DOR390,TACANA(MEXICO) | 64 | 30.7 | 20.8 | 45.0 | 94.1 | 1.4 | 49.0 | 5.0 |
| B04318 | I01891/JAGUAR | 19 | 30.5 | 19.9 | 44.0 | 93.7 | 1.1 | 50.5 | 5.0 |
| B04355 | I01891/JAGUAR | 56 | 30.4 | 20.2 | 45.0 | 94.9 | 2.0 | 50.0 | 4.5 |
| I01892 | G24423/2*TACANA,115-11M,MEX.(BK) | 62 | 30.2 | 20.7 | 44.5 | 94.0 | 2.5 | 48.5 | 4.0 |
| B04328 | I01891/JAGUAR | 29 | 30.0 | 19.8 | 43.0 | 92.2 | 1.1 | 48.5 | 5.5 |
| B04348 | I01891/JAGUAR | 49 | 29.9 | 19.5 | 46.0 | 95.1 | 1.4 | 51.5 | 4.0 |
| B04308 | I01891/JAGUAR | 9 | 29.7 | 18.8 | 43.5 | 93.5 | 1.0 | 50.5 | 5.0 |

EXPERIMENT 6106 PYT BLACK'S I01981(48-21M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04357 | I01891/JAGUAR | 58 | 29.6 | 18.5 | 44.0 | 93.1 | 1.5 | 49.0 | 4.0 |
| B04320 | I01891/JAGUAR | 21 | 29.6 | 19.6 | 44.5 | 93.9 | 1.2 | 49.0 | 4.5 |
| B04341 | I01891/JAGUAR | 42 | 29.6 | 17.9 | 45.0 | 92.2 | 3.5 | 48.0 | 2.0 |
| B04310 | I01891/JAGUAR | 11 | 29.5 | 21.0 | 43.0 | 93.8 | 1.4 | 48.0 | 5.0 |
| B04356 | I01891/JAGUAR | 57 | 29.5 | 18.3 | 43.5 | 94.2 | 1.9 | 49.0 | 4.0 |
| B04314 | I01891/JAGUAR | 15 | 29.4 | 19.4 | 43.5 | 92.6 | 1.4 | 50.0 | 4.0 |
| B95556 | B90211/N90616, JAGUAR | 61 | 29.4 | 17.9 | 43.5 | 91.6 | 1.5 | 49.5 | 4.0 |
| B04319 | I01891/JAGUAR | 20 | 29.3 | 19.0 | 44.5 | 95.7 | 2.9 | 49.0 | 3.0 |
| I01891 | G24423/2*TACANA,48-21M,MEX.(BK) | 60 | 28.8 | 20.6 | 45.0 | 94.9 | 1.9 | 50.0 | 4.5 |
| B04300 | I01891/JAGUAR | 1 | 28.7 | 20.1 | 44.5 | 95.9 | 1.9 | 50.0 | 4.0 |
| B04321 | I01891/JAGUAR | 22 | 28.6 | 19.5 | 44.0 | 92.8 | 1.6 | 49.5 | 4.5 |
| B04340 | I01891/JAGUAR | 41 | 28.5 | 21.2 | 44.5 | 91.9 | 1.5 | 50.0 | 4.5 |
| B04303 | I01891/JAGUAR | 4 | 28.5 | 21.3 | 43.5 | 96.5 | 2.0 | 49.0 | 3.0 |
| B04347 | I01891/JAGUAR | 48 | 28.3 | 18.6 | 43.5 | 92.0 | 0.9 | 49.0 | 4.5 |
| B04342 | I01891/JAGUAR | 43 | 28.2 | 20.5 | 44.5 | 93.5 | 1.9 | 48.5 | 4.0 |
| B04334 | I01891/JAGUAR | 35 | 28.2 | 18.7 | 44.0 | 94.4 | 1.6 | 49.0 | 3.5 |
| B04326 | I01891/JAGUAR | 27 | 28.1 | 20.9 | 44.5 | 96.1 | 1.9 | 49.5 | 3.5 |
| B04327 | I01891/JAGUAR | 28 | 28.1 | 18.6 | 45.0 | 94.2 | 1.6 | 49.0 | 4.0 |
| B04344 | I01891/JAGUAR | 45 | 27.9 | 19.3 | 44.5 | 93.8 | 3.0 | 48.0 | 3.0 |
| B04304 | I01891/JAGUAR | 5 | 27.8 | 17.1 | 45.5 | 93.8 | 2.5 | 49.0 | 4.0 |
| B04305 | I01891/JAGUAR | 6 | 27.8 | 18.8 | 43.5 | 91.9 | 1.4 | 49.5 | 5.5 |
| B04317 | I01891/JAGUAR | 18 | 27.3 | 18.6 | 44.5 | 95.8 | 2.0 | 49.5 | 3.0 |
| B04307 | I01891/JAGUAR | 8 | 27.3 | 18.7 | 47.0 | 97.4 | 3.0 | 49.0 | 2.5 |
| B04346 | I01891/JAGUAR | 47 | 27.1 | 19.8 | 46.0 | 94.9 | 1.5 | 51.0 | 3.5 |
| B04339 | I01891/JAGUAR | 40 | 27.0 | 19.5 | 43.5 | 93.1 | 3.0 | 48.0 | 3.5 |

EXPERIMENT 6106 PYT BLACK'S I01981(48-21M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04306 | I01891/JAGUAR | 7 | 26.8 | 19.9 | 44.0 | 93.7 | 1.9 | 48.5 | 4.0 |
| B04329 | I01891/JAGUAR | 30 | 26.8 | 19.3 | 43.0 | 91.9 | 1.5 | 49.0 | 4.0 |
| B04353 | I01891/JAGUAR | 54 | 26.7 | 15.2 | 44.0 | 92.3 | 2.5 | 49.0 | 3.0 |
| B04351 | I01891/JAGUAR | 52 | 26.7 | 19.5 | 44.0 | 91.6 | 1.0 | 49.5 | 5.0 |
| B04332 | I01891/JAGUAR | 33 | 26.5 | 19.2 | 44.0 | 91.6 | 2.1 | 48.0 | 3.0 |
| B04345 | I01891/JAGUAR | 46 | 26.5 | 19.6 | 43.5 | 91.9 | 2.5 | 48.0 | 4.0 |
| B04338 | I01891/JAGUAR | 39 | 26.5 | 18.1 | 44.0 | 92.1 | 1.5 | 49.0 | 4.5 |
| B04322 | I01891/JAGUAR | 23 | 26.4 | 20.0 | 44.0 | 93.6 | 1.5 | 49.0 | 4.0 |
| B04333 | I01891/JAGUAR | 34 | 26.3 | 16.7 | 45.5 | 92.3 | 1.1 | 49.5 | 4.0 |
| B04313 | I01891/JAGUAR | 14 | 26.2 | 16.8 | 45.0 | 93.1 | 1.6 | 49.0 | 4.0 |
| B04312 | I01891/JAGUAR | 13 | 26.0 | 19.8 | 43.0 | 92.0 | 1.1 | 47.5 | 5.0 |
| B04309 | I01891/JAGUAR | 10 | 24.9 | 18.3 | 45.0 | 95.4 | 1.9 | 48.5 | 3.0 |
| B04330 | I01891/JAGUAR | 31 | 24.2 | 18.2 | 44.5 | 91.2 | 2.0 | 49.0 | 4.0 |
| I81066 | SEL-BTS,T39 | 63 | 23.2 | 18.2 | 44.5 | 92.8 | 3.9 | 46.0 | 2.0 |
| AVERAGE OF PRECEDING 64 MEANS | | | 29.1 | 19.2 | 44.4 | 93.6 | 2.0 | 49.0 | 3.8 |
| LSD (P=.05) | | | 3.5 | 1.5 | 1.1 | 1.4 | 0.5 | 1.0 | 0.6 |
| LSD (P=.01) | | | 4.6 | 1.9 | 1.4 | 1.8 | 0.7 | 1.3 | 0.8 |
| COEFFICIENT OF VARIATION | | | 7.4 | 4.8 | 1.5 | 0.9 | 16.1 | 1.3 | 9.6 |

EXPERIMENT 6107 PYT BLACK'S I01893(26-11M)/JAGUAR & I01894(39-11M)/JAGUAR

DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04293 | I01893/JAGUAR | 1 | 34.3 | 18.0 | 46.0 | 94.4 | 2.4 | 49.0 | 4.0 |
| B04268 | I01893/JAGUAR | 2 | 33.0 | 19.4 | 45.5 | 93.6 | 1.6 | 50.0 | 4.4 |
| B04521 | I01894/JAGUAR | 41 | 32.5 | 18.8 | 47.5 | 93.7 | 2.2 | 50.0 | 3.4 |
| B04506 | I01894/JAGUAR | 38 | 32.4 | 16.1 | 44.5 | 94.3 | 1.9 | 49.0 | 3.5 |
| B04265 | I01893/JAGUAR | 5 | 32.2 | 19.8 | 45.0 | 93.3 | 2.1 | 48.5 | 4.5 |
| B04465 | I01894/JAGUAR | 26 | 31.9 | 15.7 | 46.5 | 93.9 | 1.9 | 50.0 | 4.0 |
| B04511 | I01894/JAGUAR | 33 | 31.7 | 16.8 | 44.5 | 94.0 | 1.5 | 49.6 | 4.5 |
| B04469 | I01894/JAGUAR | 31 | 31.7 | 18.3 | 44.0 | 92.2 | 1.7 | 48.4 | 4.5 |
| B04457 | I01894/JAGUAR | 51 | 31.5 | 16.5 | 45.0 | 94.2 | 3.0 | 48.6 | 3.0 |
| B04288 | I01893/JAGUAR | 7 | 31.4 | 18.8 | 44.0 | 92.0 | 2.4 | 49.0 | 3.5 |
| B04492 | I01894/JAGUAR | 37 | 31.2 | 17.6 | 45.0 | 95.6 | 2.5 | 48.5 | 4.0 |
| B04462 | I01894/JAGUAR | 35 | 31.2 | 18.7 | 44.0 | 97.6 | 3.0 | 50.0 | 2.5 |
| B04468 | I01894/JAGUAR | 28 | 31.0 | 18.2 | 44.5 | 95.0 | 2.0 | 50.0 | 4.0 |
| B04256 | I01893/JAGUAR | 20 | 30.7 | 17.3 | 45.5 | 96.9 | 2.0 | 50.4 | 2.5 |
| B04496 | I01894/JAGUAR | 42 | 30.6 | 17.7 | 44.0 | 95.2 | 1.6 | 49.0 | 3.9 |
| B04542 | I01894/JAGUAR | 40 | 30.4 | 16.9 | 47.0 | 91.5 | 2.0 | 48.5 | 4.0 |
| B04537 | I01894/JAGUAR | 30 | 30.2 | 17.1 | 45.0 | 92.4 | 2.5 | 48.0 | 3.5 |
| B04519 | I01894/JAGUAR | 47 | 30.1 | 18.6 | 44.5 | 92.6 | 2.0 | 49.1 | 4.5 |
| B04541 | I01894/JAGUAR | 25 | 30.1 | 17.1 | 45.0 | 92.9 | 2.5 | 49.5 | 3.0 |
| B04544 | I01894/JAGUAR | 39 | 30.0 | 17.9 | 44.0 | 93.6 | 2.0 | 49.0 | 3.0 |
| B04485 | I01894/JAGUAR | 32 | 30.0 | 17.1 | 46.0 | 91.6 | 2.5 | 48.1 | 3.0 |
| B04255 | I01893/JAGUAR | 22 | 29.9 | 18.4 | 45.0 | 95.3 | 1.9 | 49.5 | 4.0 |
| B04500 | I01894/JAGUAR | 50 | 29.9 | 16.4 | 44.5 | 94.0 | 2.1 | 49.5 | 4.4 |
| B04489 | I01894/JAGUAR | 46 | 29.8 | 17.4 | 45.5 | 93.1 | 1.5 | 48.9 | 4.0 |
| B04456 | I01894/JAGUAR | 54 | 29.8 | 18.8 | 44.5 | 91.8 | 1.9 | 48.6 | 3.5 |
| B04292 | I01893/JAGUAR | 12 | 29.7 | 17.9 | 44.0 | 92.7 | 1.7 | 49.0 | 4.0 |
| B04249 | I01893/JAGUAR | 11 | 29.7 | 18.9 | 46.5 | 93.9 | 2.0 | 49.0 | 4.5 |
| B04245 | I01893/JAGUAR | 3 | 29.7 | 18.2 | 45.5 | 93.2 | 1.1 | 50.1 | 4.0 |
| B04475 | I01894/JAGUAR | 27 | 29.7 | 18.8 | 44.5 | 92.3 | 1.7 | 48.5 | 4.9 |
| B04481 | I01894/JAGUAR | 52 | 29.6 | 16.4 | 44.0 | 92.9 | 2.0 | 48.9 | 2.5 |

EXPERIMENT 6107 PYT BLACK'S I01893(26-11M)/JAGUAR & I01894(39-11M)/JAGUAR DATE 06/05/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|----------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04483 | I01894/JAGUAR | 53 | 29.4 | 16.3 | 44.0 | 91.9 | 2.0 | 49.1 | 4.5 |
| B04532 | I01894/JAGUAR | 34 | 29.2 | 16.4 | 45.5 | 92.7 | 2.4 | 49.5 | 3.6 |
| B04539 | I01894/JAGUAR | 29 | 29.1 | 19.2 | 44.0 | 93.9 | 2.0 | 49.4 | 4.0 |
| B04471 | I01894/JAGUAR | 56 | 29.0 | 18.1 | 44.0 | 96.0 | 2.1 | 50.0 | 3.0 |
| B04531 | I01894/JAGUAR | 49 | 29.0 | 17.6 | 46.0 | 94.9 | 2.0 | 49.4 | 3.5 |
| B04296 | I01893/JAGUAR | 4 | 28.8 | 18.9 | 44.5 | 93.0 | 2.5 | 48.5 | 3.0 |
| B04291 | I01893/JAGUAR | 8 | 28.7 | 17.8 | 44.0 | 93.5 | 1.6 | 49.1 | 4.5 |
| B04461 | I01894/JAGUAR | 45 | 28.7 | 17.4 | 44.0 | 91.1 | 1.0 | 49.4 | 6.5 |
| B04488 | I01894/JAGUAR | 24 | 28.6 | 17.9 | 44.0 | 92.0 | 1.0 | 49.4 | 6.0 |
| B04548 | I01894/JAGUAR | 48 | 28.6 | 19.7 | 45.0 | 94.1 | 2.0 | 50.0 | 4.5 |
| B04282 | I01893/JAGUAR | 9 | 28.1 | 17.0 | 47.5 | 97.4 | 3.0 | 50.0 | 2.5 |
| B04267 | I01893/JAGUAR | 6 | 28.1 | 17.5 | 44.5 | 91.8 | 1.9 | 49.1 | 3.5 |
| B04287 | I01893/JAGUAR | 10 | 28.0 | 20.5 | 44.0 | 91.5 | 1.0 | 48.6 | 4.5 |
| B04482 | I01894/JAGUAR | 43 | 27.8 | 17.0 | 46.5 | 93.9 | 2.4 | 49.0 | 3.0 |
| B04516 | I01894/JAGUAR | 44 | 27.7 | 15.6 | 45.0 | 92.1 | 2.6 | 47.5 | 3.5 |
| B04512 | I01894/JAGUAR | 36 | 27.7 | 15.8 | 44.5 | 93.0 | 3.0 | 48.4 | 2.5 |
| B04278 | I01893/JAGUAR | 14 | 27.6 | 16.0 | 45.5 | 93.5 | 2.0 | 49.6 | 3.5 |
| B04277 | I01893/JAGUAR | 13 | 27.5 | 19.0 | 44.5 | 94.4 | 2.5 | 48.5 | 3.5 |
| B04253 | I01893/JAGUAR | 16 | 27.2 | 18.4 | 43.5 | 91.0 | 1.0 | 49.0 | 5.0 |
| B04243 | I01893/JAGUAR | 17 | 26.9 | 17.0 | 44.0 | 93.0 | 2.0 | 48.9 | 5.0 |
| B95556 | B90211/N90616, JAGUAR | 23 | 26.4 | 16.5 | 42.0 | 91.7 | 0.8 | 50.1 | 5.6 |
| B04505 | I01894/JAGUAR | 55 | 26.3 | 17.1 | 46.0 | 91.9 | 3.1 | 48.4 | 3.0 |
| B04276 | I01893/JAGUAR | 15 | 26.0 | 18.7 | 44.5 | 97.2 | 2.4 | 50.0 | 2.6 |
| B04273 | I01893/JAGUAR | 18 | 25.0 | 17.0 | 43.5 | 90.7 | 1.0 | 47.5 | 3.0 |
| B04289 | I01893/JAGUAR | 19 | 24.9 | 18.8 | 46.0 | 92.0 | 2.1 | 49.0 | 3.5 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 21 | 23.2 | 19.4 | 44.5 | 94.9 | 3.5 | 48.9 | 3.5 |
| AVERAGE OF PRECEDING 56 MEANS | | | 29.3 | 17.8 | 44.9 | 93.4 | 2.0 | 49.1 | 3.8 |
| LSD (P=.05) | | | 2.6 | 1.2 | 1.2 | 1.3 | 0.5 | 0.9 | 0.8 |
| LSD (P=.01) | | | 3.3 | 1.6 | 1.5 | 1.7 | 0.7 | 1.2 | 1.0 |
| COEFFICIENT OF VARIATION | | | 5.3 | 4.2 | 1.6 | 0.9 | 16.5 | 1.2 | 12.0 |

EXPERIMENT 6108 STD GREAT NORTHERN TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|-------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| G97905 | G93414/54028 | 4 | 28.6 | 32.2 | 41.1 | 84.0 | 2.0 | 49.2 | 3.4 |
| G93414 | MATTERHORN | 3 | 28.4 | 32.4 | 40.0 | 85.0 | 1.5 | 48.7 | 4.5 |
| G04510 | G99750//G93414/N00904 | 14 | 28.2 | 32.0 | 40.9 | 85.0 | 1.5 | 52.2 | 3.6 |
| G04520 | G99702//G93414/N00904 | 12 | 28.1 | 30.9 | 41.5 | 84.0 | 1.0 | 49.7 | 3.9 |
| G98602 | G93442/X94023 | 9 | 28.0 | 32.6 | 41.0 | 84.5 | 2.0 | 48.2 | 4.5 |
| G04517 | G99750//G93414/N00904 | 10 | 27.5 | 33.0 | 41.5 | 84.0 | 1.0 | 49.7 | 5.0 |
| G05202 | P94207/P99120//G99750 | 31 | 27.2 | 35.7 | 40.9 | 87.5 | 1.5 | 53.1 | 4.0 |
| G05241 | G99702//G93414/N00904 | 35 | 27.1 | 31.5 | 41.4 | 84.0 | 1.0 | 49.8 | 4.1 |
| G02460 | MATTERHORN/VAX-1 | 7 | 27.0 | 33.0 | 41.0 | 83.0 | 2.0 | 49.3 | 4.9 |
| G05240 | G99702//G93414/N00904 | 22 | 27.0 | 31.0 | 41.0 | 84.0 | 1.0 | 49.1 | 4.0 |
| G05220 | G00536/G99750 | 18 | 26.6 | 40.1 | 40.0 | 86.0 | 2.0 | 49.6 | 4.6 |
| G04207 | P99139/G99750 | 25 | 26.1 | 38.9 | 41.0 | 85.0 | 2.0 | 50.5 | 5.5 |
| G05239 | G93414/G99750 | 36 | 26.0 | 35.7 | 41.5 | 86.0 | 2.0 | 49.6 | 5.0 |
| G97941 | G93414/G93441 | 1 | 25.7 | 30.9 | 41.9 | 84.0 | 2.0 | 49.7 | 4.0 |
| G05246 | P94207*/G99750 | 29 | 25.7 | 37.6 | 41.5 | 86.5 | 2.5 | 51.0 | 4.5 |
| G02453 | G99750/P97803 | 5 | 25.5 | 33.0 | 42.1 | 84.5 | 2.0 | 50.6 | 3.9 |
| G00536 | X95623/G95009 | 11 | 25.4 | 32.1 | 42.6 | 87.5 | 3.0 | 49.7 | 3.9 |
| G05212 | P94207*/G99750 | 30 | 25.1 | 31.1 | 43.5 | 83.0 | 1.0 | 48.5 | 4.0 |
| G05463 | P94207*/G99750 | 19 | 25.1 | 32.0 | 41.9 | 84.0 | 1.5 | 50.5 | 5.5 |
| G05219 | G93414/G99750 | 16 | 24.9 | 33.9 | 40.6 | 85.4 | 2.5 | 51.7 | 3.5 |
| G05242 | P94207/P99120//G99750 | 32 | 24.8 | 37.7 | 42.5 | 86.5 | 2.0 | 53.2 | 4.9 |
| G05462 | P94207/G93414//P00207 | 17 | 24.7 | 29.5 | 41.6 | 85.0 | 2.0 | 51.1 | 4.5 |
| G05245 | P94207*/G99750 | 23 | 24.5 | 32.3 | 42.0 | 84.5 | 1.0 | 47.3 | 4.5 |
| G99732 | X96130(bc_3)/MATTERHORN | 6 | 24.4 | 31.8 | 43.0 | 83.5 | 2.0 | 47.6 | 3.0 |

EXPERIMENT 6108 STD GREAT NORTHERN TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-----------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| G02461 | MATTERHORN/VAX-1 | 13 | 24.4 | 32.5 | 40.0 | 83.5 | 2.0 | 49.2 | 4.1 |
| G97914 | G93414/G93401 | 2 | 23.8 | 29.9 | 41.0 | 83.5 | 2.0 | 48.5 | 3.0 |
| G02626 | P98511/MATTERHORN | 27 | 23.7 | 32.5 | 42.0 | 84.0 | 3.0 | 47.9 | 3.5 |
| G05244 | P94207/P00207//G99750 | 33 | 23.4 | 34.0 | 42.0 | 88.0 | 1.5 | 53.1 | 4.4 |
| G05201 | P94207/P99120//G99750 | 21 | 23.4 | 39.5 | 41.0 | 86.5 | 2.0 | 51.3 | 4.1 |
| G05246 | P94207*/G99750 | 24 | 23.2 | 33.2 | 41.0 | 85.5 | 2.5 | 49.2 | 4.0 |
| G05214 | P94207*/G99750 | 15 | 22.9 | 32.5 | 41.6 | 82.5 | 2.0 | 47.3 | 3.5 |
| G05243 | P94207/P00207//G99750 | 20 | 22.4 | 34.8 | 42.4 | 87.0 | 2.0 | 50.7 | 4.1 |
| G05222 | G00536/G99750 | 26 | 21.0 | 40.5 | 41.4 | 84.5 | 1.5 | 48.8 | 3.6 |
| G05235 | G93414/G00536 | 34 | 20.7 | 33.9 | 41.6 | 87.0 | 2.5 | 52.2 | 4.0 |
| G05231 | G93414/G99750 | 28 | 17.1 | 31.2 | 40.5 | 83.5 | 1.0 | 48.3 | 2.5 |
| G02459 | X99316/G95157 | 8 | 15.1 | 30.2 | 41.0 | 83.5 | 1.5 | 49.0 | 3.0 |
| AVERAGE OF PRECEDING 36 MEANS | | | 24.8 | 33.5 | 41.4 | 84.9 | 1.8 | 49.9 | 4.1 |
| LSD (P=.05) | | | 2.5 | 1.7 | 0.6 | 0.8 | 0.4 | 1.1 | 0.4 |
| LSD (P=.01) | | | 3.3 | 2.2 | 0.8 | 1.0 | 0.5 | 1.4 | 0.5 |
| COEFFICIENT OF VARIATION | | | 7.2 | 3.6 | 1.1 | 0.6 | 14.3 | 1.5 | 7.0 |

EXPERIMENT 6109 STD PINTO TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|--|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| P04202 | P99119/G99750 | 8 | 27.1 | 38.8 | 41.0 | 87.0 | 2.0 | 49.0 | 5.0 |
| P02630 | P99120/MATTERHORN | 9 | 26.1 | 35.4 | 42.0 | 86.0 | 2.0 | 49.0 | 5.0 |
| P04206 | P99119/G99750 | 14 | 25.9 | 39.9 | 42.0 | 87.5 | 2.0 | 49.0 | 4.5 |
| P02624 | P97803/G97915 | 7 | 25.8 | 33.7 | 42.0 | 86.0 | 2.0 | 53.0 | 4.5 |
| P05463 | P94207*/G99750 | 16 | 25.5 | 32.0 | 42.9 | 85.0 | 2.0 | 49.0 | 4.0 |
| P05428 | G93414*3/I93154//P99120 | 35 | 25.4 | 37.2 | 41.5 | 85.0 | 2.5 | 50.0 | 4.5 |
| P05458 | P94207/P00207//P99120 | 30 | 25.2 | 30.6 | 41.5 | 85.0 | 1.0 | 50.0 | 4.5 |
| P05445 | P94207/P00207//G99750 | 48 | 24.8 | 36.5 | 41.1 | 85.0 | 2.5 | 47.5 | 4.0 |
| P04207 | P99139/G99750 | 5 | 24.6 | 38.5 | 41.0 | 86.5 | 2.0 | 52.0 | 6.0 |
| P02647 | G99750/P97803 | 12 | 24.6 | 42.3 | 41.0 | 88.5 | 2.0 | 52.0 | 4.5 |
| I99117 | (PT)ASG85-5051-7, BUSTER | 1 | 24.5 | 32.2 | 41.5 | 83.0 | 3.0 | 43.5 | 3.0 |
| P04205 | P99119/G99750 | 49 | 24.4 | 37.9 | 42.5 | 87.5 | 2.5 | 49.0 | 5.0 |
| P04204 | P99119/G99750 | 6 | 24.2 | 40.0 | 42.5 | 86.5 | 2.0 | 50.0 | 5.5 |
| P00218 | KODIAK/BDM-RMR-11 | 2 | 24.1 | 38.4 | 42.5 | 85.5 | 3.0 | 48.0 | 2.5 |
| P04203 | P99119/G99750 | 13 | 24.0 | 38.7 | 42.0 | 86.5 | 2.0 | 49.0 | 5.5 |
| P05444 | P94207/P99120//G99750 | 25 | 23.6 | 32.7 | 43.0 | 87.0 | 3.0 | 48.5 | 4.0 |
| P02627 | P99120/MATTERHORN | 10 | 23.5 | 35.9 | 43.5 | 87.0 | 1.5 | 51.0 | 4.0 |
| P00204 | KODIAK/P96705 | 11 | 23.5 | 39.8 | 42.6 | 87.0 | 2.0 | 49.0 | 4.5 |
| P05446 | P94207/P00207//P99120 | 42 | 23.5 | 38.8 | 42.0 | 84.0 | 3.0 | 47.5 | 4.5 |
| P05431 | P99120/G93414//P00207 | 22 | 23.5 | 35.3 | 42.5 | 84.0 | 3.0 | 47.0 | 3.5 |
| P05454 | G93414*3/I93154//P99120 | 34 | 23.4 | 33.7 | 42.5 | 87.5 | 1.5 | 49.5 | 4.5 |
| P05448 | P99120/G93414//P00207 | 17 | 23.1 | 34.0 | 42.5 | 83.0 | 2.5 | 48.0 | 4.0 |
| P05432 | P99120/G93414//P00207 | 27 | 22.9 | 34.4 | 42.0 | 83.0 | 2.5 | 45.5 | 4.1 |
| P05414 | P94207/P00207//P99120 | 33 | 22.8 | 30.7 | 42.0 | 85.5 | 1.0 | 51.5 | 5.0 |
| P05405 | P94207/P00207//P99120 | 18 | 22.8 | 33.6 | 43.0 | 84.0 | 2.0 | 51.5 | 4.0 |
| P05416 | P94207/P00207//P99120 | 31 | 22.6 | 31.0 | 43.0 | 83.5 | 2.0 | 50.5 | 4.0 |
| I84002 | NW410//VICTOR/AURORA,GH215, OTHELLO | 4 | 22.4 | 33.5 | 38.5 | 85.0 | 4.5 | 41.5 | 2.5 |
| P05456 | P94207/P00207//P99120 | 19 | 22.2 | 34.3 | 42.5 | 85.5 | 3.0 | 47.0 | 3.5 |
| P05403 | P94207/P00207//P99120 | 37 | 22.1 | 31.2 | 42.0 | 84.0 | 2.5 | 50.0 | 4.0 |
| P05429 | P99120/G93414//P00207 | 36 | 22.1 | 33.7 | 42.9 | 84.5 | 3.0 | 47.5 | 3.5 |

EXPERIMENT 6109 STD PINTO TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-----------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| P05462 | P94207/G93414//P00207 | 23 | 22.0 | 29.9 | 41.5 | 86.0 | 1.5 | 54.0 | 4.0 |
| P05406 | P94207/P00207//P99120 | 39 | 21.8 | 32.9 | 43.0 | 84.0 | 2.5 | 51.0 | 4.0 |
| P05424 | P94207*/G99750 | 46 | 21.7 | 30.2 | 42.0 | 83.0 | 2.0 | 51.5 | 3.5 |
| P05457 | P94207/P00207//P99120 | 26 | 21.6 | 32.0 | 42.5 | 85.5 | 1.5 | 52.5 | 4.5 |
| I06263 | 6I7 (CDBN) | 51 | 21.6 | 36.3 | 43.0 | 90.0 | 4.0 | 45.0 | 1.9 |
| P05404 | P94207/P00207//P99120 | 47 | 21.4 | 30.7 | 43.0 | 85.0 | 2.0 | 50.5 | 4.0 |
| P05408 | P94207/P00207//P99120 | 29 | 21.3 | 30.6 | 42.6 | 86.0 | 1.5 | 51.5 | 3.9 |
| P05430 | P99120/G93414//P00207 | 43 | 21.2 | 35.0 | 42.0 | 83.5 | 3.5 | 44.0 | 4.0 |
| I06262 | 6I4 (CDBN) | 50 | 21.1 | 32.9 | 40.0 | 84.0 | 4.5 | 41.5 | 1.5 |
| P02633 | P99118/MATTERHORN | 3 | 20.8 | 33.6 | 42.5 | 85.0 | 2.0 | 48.0 | 4.0 |
| I05220 | ISB 1131 (CDBN) | 55 | 20.5 | 36.3 | 37.5 | 84.0 | 5.0 | 40.5 | 1.5 |
| P05440 | P94207/P00207//P99120 | 44 | 20.4 | 29.3 | 42.5 | 85.0 | 2.0 | 49.5 | 4.0 |
| P05447 | P99120/G93414//P00207 | 24 | 20.3 | 33.7 | 43.5 | 83.0 | 3.0 | 44.5 | 3.5 |
| P05455 | P94207/P00207//P99120 | 32 | 20.2 | 32.3 | 42.5 | 84.5 | 2.5 | 50.5 | 3.6 |
| I05222 | ISB 756-1 (CDBN) | 54 | 19.8 | 37.1 | 37.5 | 83.0 | 5.0 | 40.5 | 1.5 |
| P05449 | P99120/G93414//P00207 | 20 | 19.6 | 31.8 | 42.0 | 83.5 | 3.0 | 48.0 | 3.5 |
| P05421 | X02156/P00207 | 45 | 19.0 | 34.7 | 40.9 | 84.0 | 1.5 | 54.0 | 4.5 |
| P05459 | P94207/P00207//P99120 | 15 | 18.7 | 29.1 | 42.5 | 86.0 | 2.5 | 49.5 | 3.5 |
| P05415 | P94207/P00207//P99120 | 38 | 18.5 | 32.2 | 43.0 | 84.0 | 2.0 | 51.5 | 3.5 |
| I06265 | 6I15 (CDBN) | 53 | 18.0 | 30.9 | 42.0 | 83.0 | 5.0 | 40.0 | 1.0 |
| P05442 | P94207/P00207//P99120 | 41 | 17.8 | 29.9 | 43.5 | 85.5 | 2.0 | 50.5 | 4.0 |
| I06264 | 6I13 (CDBN) | 52 | 17.1 | 37.7 | 47.5 | 99.0 | 5.0 | 42.0 | 1.1 |
| P05452 | X02160/P00207 | 40 | 16.6 | 36.4 | 47.5 | 92.5 | 4.0 | 43.0 | 1.0 |
| P05460 | X02156/P00207 | 28 | 16.5 | 27.0 | 42.0 | 83.5 | 1.0 | 55.0 | 4.0 |
| I05221 | ISB 1145 (CDBN) | 56 | 16.2 | 30.9 | 42.4 | 87.0 | 5.0 | 40.0 | 1.0 |
| P05443 | P94207/P99120//P00207 | 21 | 14.8 | 29.2 | 42.5 | 85.5 | 1.5 | 52.0 | 3.5 |
| AVERAGE OF PRECEDING 56 MEANS | | | 21.9 | 34.1 | 42.2 | 85.5 | 2.6 | 48.3 | 3.7 |
| LSD (P=.05) | | | 2.5 | 1.7 | 0.7 | 0.9 | 0.4 | 1.6 | 0.5 |
| LSD (P=.01) | | | 3.3 | 2.2 | 0.9 | 1.2 | 0.5 | 2.0 | 0.6 |
| COEFFICIENT OF VARIATION | | | 8.2 | 3.5 | 1.1 | 0.7 | 10.2 | 2.3 | 9.3 |

EXPERIMENT 6110 STD PINKS AND REDS TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06243 | PS00-092-3-B5 (USWA) | 28 | 26.6 | 31.9 | 41.0 | 86.3 | 2.9 | 45.5 | 3.5 |
| I06241 | PS00-072-1-B-8-B3 (USWA) | 26 | 24.6 | 31.5 | 40.0 | 88.5 | 3.0 | 45.0 | 3.5 |
| S02753 | X99352/X99351 | 3 | 23.7 | 31.4 | 40.9 | 87.0 | 1.5 | 53.0 | 4.5 |
| I06242 | PS00-090-1-B-9-B3 (USWA) | 27 | 23.3 | 28.7 | 40.4 | 86.9 | 3.0 | 47.0 | 3.9 |
| I06240 | PS00-072-1-B-2-B3 (USWA) | 25 | 22.9 | 28.8 | 39.9 | 88.3 | 2.5 | 47.5 | 4.0 |
| S04504 | X99352//X99354/G93414 | 11 | 22.7 | 36.0 | 42.6 | 88.0 | 2.0 | 53.0 | 5.6 |
| S02068 | USWA-61//89:411K/R93346 | 2 | 22.2 | 24.8 | 42.1 | 90.1 | 1.0 | 54.5 | 4.0 |
| R02002 | R94026/X96024//R95429/X96034 | 21 | 21.7 | 29.7 | 43.5 | 93.5 | 0.9 | 56.4 | 4.0 |
| I06238 | PS99-162-17-B6 (USWA) | 23 | 21.1 | 26.9 | 40.5 | 83.0 | 3.1 | 43.0 | 2.0 |
| R98026 | R94037/R94161, MERLOT | 1 | 21.0 | 35.0 | 42.9 | 90.4 | 2.5 | 51.5 | 3.5 |
| S04505 | X99352//X99354/G93414 | 10 | 20.9 | 34.9 | 42.4 | 88.8 | 2.0 | 53.5 | 5.5 |
| I06244 | PS00-093-1-B5 (USWA) | 29 | 20.9 | 33.2 | 40.5 | 90.1 | 5.0 | 40.0 | 1.1 |
| S04508 | X99354//X99354/G93414 | 19 | 20.7 | 34.2 | 42.1 | 89.0 | 2.0 | 52.0 | 5.0 |
| R97003 | R93006/R93003 | 9 | 20.5 | 32.5 | 40.5 | 88.8 | 2.0 | 50.0 | 3.5 |
| I95322 | BROOKS-18(RM) | 22 | 20.3 | 29.6 | 44.0 | 91.2 | 2.5 | 48.0 | 3.0 |
| R02189 | R93346/3/R93006//R94030/JB 9438-217 | 20 | 20.3 | 35.8 | 42.0 | 89.1 | 1.5 | 50.0 | 4.0 |
| I04315 | USRM-20 | 13 | 20.0 | 36.6 | 41.6 | 82.6 | 2.6 | 44.9 | 1.0 |
| S04506 | X99354//X99354/G93414 | 17 | 19.8 | 32.6 | 42.6 | 87.6 | 2.1 | 53.5 | 4.5 |
| I06245 | PS00-102-7-B-12-B3 (USWA) | 30 | 19.4 | 32.9 | 41.6 | 85.7 | 4.9 | 40.0 | 1.0 |
| S04512 | X99354//X99354/G93414 | 15 | 19.3 | 32.3 | 43.0 | 88.2 | 2.0 | 52.0 | 4.5 |
| S05002 | G99750/S01809//S00809 | 5 | 19.2 | 28.7 | 39.5 | 84.5 | 5.1 | 40.0 | 1.1 |
| I04310 | PS01-040-4-B-B (USWA) | 8 | 19.2 | 31.7 | 39.5 | 90.4 | 4.6 | 41.0 | 1.0 |
| S00809 | R94142/X94076, SEDONA | 6 | 19.1 | 33.5 | 42.6 | 87.8 | 2.0 | 50.5 | 5.0 |
| S00801 | X95308/X95353 | 18 | 19.0 | 34.7 | 40.7 | 86.6 | 2.5 | 49.5 | 4.0 |
| I06239 | PS99-163-5-B2-10-B3 (USWA) | 24 | 18.8 | 27.9 | 39.5 | 86.4 | 5.0 | 40.0 | 1.0 |
| S05003 | G99750/S01809//S00809 | 7 | 18.6 | 30.7 | 42.4 | 85.8 | 5.0 | 39.9 | 1.0 |
| S00807 | X95308/X95353 | 16 | 18.4 | 30.8 | 41.5 | 86.5 | 2.0 | 50.0 | 3.5 |
| S05001 | G99750/S01809//S00809 | 4 | 18.4 | 28.8 | 41.9 | 83.5 | 4.5 | 40.5 | 1.0 |
| S00808 | X96120/X96128 | 14 | 17.5 | 30.7 | 42.5 | 87.7 | 2.5 | 49.5 | 3.5 |
| S04503 | X99352//X99354/G93414 | 12 | 16.9 | 34.4 | 41.9 | 88.1 | 1.5 | 51.5 | 4.4 |
| AVERAGE OF PRECEDING 30 MEANS | | | 20.6 | 31.7 | 41.5 | 87.7 | 2.8 | 47.8 | 3.2 |
| LSD (P=.05) | | | 2.4 | 2.1 | 0.7 | 1.3 | 0.5 | 1.0 | 0.5 |
| LSD (P=.01) | | | 3.1 | 2.7 | 0.9 | 1.7 | 0.6 | 1.4 | 0.6 |
| COEFFICIENT OF VARIATION | | | 8.2 | 4.6 | 1.2 | 1.1 | 11.6 | 1.6 | 10.3 |

EXPERIMENT 6111 PYT GREAT NORTHERN TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| G06207 | I03387/G93414//G98602 | 7 | 27.0 | 31.9 | 41.0 | 84.0 | 1.9 | 48.5 | 4.7 |
| G93414 | MATTERHORN | 17 | 26.3 | 32.0 | 40.0 | 84.5 | 2.1 | 49.0 | 5.0 |
| G06209 | G93414//G00536/N00760 | 9 | 25.0 | 27.3 | 41.5 | 85.0 | 2.0 | 49.5 | 5.1 |
| G06211 | G93414//G00536/N00760 | 11 | 24.8 | 27.1 | 40.5 | 85.5 | 1.5 | 50.5 | 5.9 |
| G06208 | G93414//G00536/N00760 | 8 | 23.5 | 25.6 | 40.5 | 85.0 | 1.0 | 50.0 | 4.4 |
| G06205 | G93414*3/I93154//P99120 | 5 | 23.5 | 39.5 | 41.5 | 90.0 | 1.6 | 52.5 | 3.9 |
| G06206 | G93414*3/I93154//P99120 | 6 | 23.2 | 40.5 | 42.0 | 89.5 | 1.4 | 52.5 | 3.9 |
| I04301 | USGN-5 | 16 | 23.1 | 33.9 | 40.0 | 83.5 | 1.0 | 49.0 | 3.7 |
| G02453 | G99750/P97803 | 19 | 23.0 | 35.7 | 41.5 | 84.5 | 1.9 | 48.5 | 4.0 |
| G06210 | G93414//G00536/N00760 | 10 | 22.5 | 26.3 | 41.0 | 83.5 | 1.0 | 50.0 | 3.9 |
| I06261 | 6I5 UI (CDBN) | 15 | 22.4 | 41.3 | 40.5 | 88.0 | 3.5 | 44.0 | 2.5 |
| G06212 | G93414//G00536/N00760 | 12 | 21.9 | 26.9 | 40.0 | 85.0 | 2.0 | 49.0 | 4.5 |
| G02633 | P99118/MATTERHORN | 20 | 20.8 | 31.3 | 39.5 | 84.5 | 2.0 | 48.0 | 4.1 |
| G06201 | X02159/P00207 | 1 | 20.5 | 29.5 | 40.5 | 90.5 | 0.9 | 52.5 | 4.5 |
| G06203 | G93414*3/I93154//P99120 | 3 | 20.0 | 40.1 | 41.0 | 90.5 | 1.0 | 54.0 | 3.9 |
| G06204 | G93414*3/I93154//P99120 | 4 | 19.6 | 38.1 | 41.5 | 90.5 | 1.5 | 54.0 | 3.7 |
| G06202 | P94207*/G99750 | 2 | 19.0 | 30.7 | 42.0 | 86.0 | 3.0 | 46.5 | 3.0 |
| G04914 | HIME TEBO*3/MATTERHORN | 18 | 14.7 | 21.9 | 41.0 | 85.0 | 2.1 | 46.0 | 3.9 |
| I06260 | 6I3 UI (CDBN) | 14 | 10.0 | 38.2 | 41.0 | 93.5 | 4.5 | 43.0 | 1.5 |
| I06259 | 6I1 UI (CDBN) | 13 | 7.3 | 39.8 | 41.5 | 96.0 | 4.9 | 41.5 | 0.9 |
| AVERAGE OF PRECEDING 20 MEANS | | | 20.9 | 32.9 | 40.9 | 87.2 | 2.0 | 48.9 | 3.9 |
| LSD (P=.05) | | | 2.1 | 1.5 | 0.6 | 1.4 | 0.4 | 1.6 | 0.6 |
| LSD (P=.01) | | | 2.7 | 2.0 | 0.8 | 1.8 | 0.6 | 2.1 | 0.7 |
| COEFFICIENT OF VARIATION | | | 6.1 | 2.8 | 0.9 | 1.0 | 12.8 | 2.0 | 9.0 |

EXPERIMENT 6112 PYT PINTO TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| P06131 | P02646/P02630 | 31 | 27.4 | 37.4 | 41.0 | 88.0 | 1.0 | 52.5 | 6.0 |
| I06221 | PS00-001-6-B-1-B3 (USWA) | 46 | 26.3 | 32.7 | 38.0 | 86.0 | 2.0 | 51.0 | 4.0 |
| P06132 | P02646/P02630 | 32 | 25.9 | 36.1 | 41.0 | 86.5 | 1.0 | 50.5 | 6.0 |
| I06225 | PS00-013-1-B-6-B3 (USWA) | 50 | 25.8 | 36.0 | 41.1 | 85.0 | 2.0 | 52.0 | 4.0 |
| I06223 | PS00-001-6-B-9-B3 ((USWA) | 48 | 25.7 | 33.7 | 38.9 | 89.0 | 2.0 | 52.0 | 3.5 |
| P06126 | P02646/P02630 | 26 | 25.6 | 34.3 | 41.4 | 86.0 | 1.0 | 49.6 | 5.0 |
| I99117 | (PT)ASG85-5051-7, BUSTER | 61 | 25.3 | 32.0 | 45.5 | 93.0 | 3.5 | 48.0 | 2.5 |
| P06124 | P02646/P02630 | 24 | 25.1 | 35.5 | 41.5 | 85.5 | 1.0 | 50.1 | 6.0 |
| P06130 | P02646/P02630 | 30 | 25.0 | 37.6 | 41.5 | 85.0 | 1.0 | 51.5 | 6.0 |
| I06226 | PS01-081-4-B4 (USWA) | 51 | 24.7 | 35.9 | 44.5 | 91.5 | 2.0 | 54.4 | 4.0 |
| I06233 | PS02-228-1-B2 (USWA) | 58 | 24.7 | 30.9 | 38.9 | 94.5 | 3.0 | 50.0 | 2.5 |
| P06139 | P02630//P00227/I03386 | 39 | 24.5 | 34.1 | 41.5 | 88.0 | 1.0 | 47.5 | 4.0 |
| I06227 | PS01-082-13-B-6-B2 (USWA) | 52 | 24.5 | 37.2 | 47.0 | 92.5 | 3.0 | 46.0 | 3.0 |
| P06136 | P02627/P02647 | 36 | 24.4 | 36.0 | 40.1 | 85.0 | 1.0 | 51.0 | 5.5 |
| P06125 | P02646/P02630 | 25 | 24.2 | 32.9 | 42.0 | 87.5 | 1.5 | 52.6 | 5.0 |
| P06123 | P02647/I03355 | 23 | 24.0 | 36.0 | 42.5 | 86.0 | 2.0 | 48.5 | 5.0 |
| I05833 | ND010307 (MPRN) | 62 | 23.8 | 35.8 | 40.6 | 83.5 | 3.0 | 49.0 | 3.5 |
| P06128 | P02646/P02630 | 28 | 23.8 | 35.3 | 41.0 | 86.5 | 1.5 | 51.1 | 6.0 |
| I06228 | PS01-082-10-B-3-B2 (USWA) | 53 | 23.6 | 31.7 | 42.0 | 91.0 | 1.5 | 55.0 | 5.0 |
| P06138 | P02627/P02647 | 38 | 23.5 | 33.4 | 39.0 | 86.5 | 1.0 | 51.6 | 5.5 |
| I05834 | ND0203051 (MPRN) | 64 | 23.4 | 35.1 | 41.5 | 86.5 | 2.0 | 54.5 | 4.5 |
| I06222 | PS00-001-6-B-2-B3 (USWA) | 47 | 23.3 | 31.2 | 38.5 | 88.0 | 2.0 | 50.5 | 3.0 |
| P06114 | P99120/G93414//P00207 | 14 | 23.2 | 34.0 | 41.1 | 84.5 | 2.0 | 48.5 | 4.5 |
| P06129 | P02646/P02630 | 29 | 23.2 | 34.5 | 40.6 | 84.5 | 1.0 | 49.0 | 5.0 |
| P06137 | P02627/P02647 | 37 | 22.9 | 35.0 | 41.0 | 87.0 | 1.0 | 51.5 | 6.0 |

EXPERIMENT 6112 PYT PINTO TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|--------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06206 | USPT-CBB-5 | 43 | 22.9 | 29.3 | 37.0 | 84.5 | 4.0 | 40.4 | 3.0 |
| P06127 | P02646/P02630 | 27 | 22.5 | 35.2 | 42.0 | 84.5 | 1.0 | 50.5 | 4.5 |
| P06112 | P99120/G93414//P00207 | 12 | 22.3 | 35.5 | 41.0 | 83.5 | 2.0 | 47.9 | 4.0 |
| P06115 | P94207/P00207//G99750 | 15 | 22.2 | 33.5 | 40.4 | 85.0 | 2.0 | 48.5 | 4.5 |
| P06113 | P99120/G93414//P00207 | 13 | 22.2 | 35.9 | 42.1 | 83.5 | 2.5 | 47.5 | 4.0 |
| P06104 | P94207/P00207//P99120 | 4 | 22.1 | 34.7 | 42.5 | 85.0 | 2.0 | 49.0 | 4.5 |
| I06224 | PS00-013-1-B-5-B3 (USWA) | 49 | 21.6 | 36.9 | 41.9 | 86.0 | 2.5 | 50.5 | 3.0 |
| I06232 | PS01-098-4-B4 (USWA) | 57 | 21.5 | 27.0 | 38.0 | 89.5 | 4.0 | 41.5 | 3.0 |
| P06108 | P99120/G93414//P00207 | 8 | 20.9 | 34.0 | 43.1 | 83.5 | 2.5 | 48.0 | 4.0 |
| I06249 | ND020069 | 63 | 20.9 | 32.9 | 43.9 | 87.0 | 2.0 | 53.0 | 3.5 |
| P06133 | P02627/P02647 | 33 | 20.7 | 30.6 | 40.6 | 85.5 | 1.0 | 49.5 | 4.5 |
| P06134 | P02627/P02647 | 34 | 20.7 | 33.9 | 42.0 | 87.0 | 1.5 | 52.1 | 4.0 |
| P06103 | P94207/P00207//P99120 | 3 | 20.6 | 32.8 | 41.6 | 86.5 | 1.0 | 52.0 | 5.0 |
| P06105 | P94207/P00207//P99120 | 5 | 20.6 | 33.2 | 43.0 | 84.5 | 1.5 | 49.5 | 3.5 |
| P06109 | P99120/G93414//P00207 | 9 | 20.5 | 29.9 | 38.9 | 89.0 | 1.0 | 55.0 | 6.0 |
| P06111 | P99120/G93414//P00207 | 11 | 20.3 | 36.2 | 41.0 | 84.5 | 3.0 | 47.0 | 3.5 |
| P06110 | P99120/G93414//P00207 | 10 | 20.1 | 31.7 | 40.4 | 85.0 | 2.0 | 47.9 | 4.0 |
| P06122 | P02647/I03355 | 22 | 20.0 | 32.9 | 37.5 | 88.5 | 1.5 | 50.6 | 4.5 |
| P06116 | X02159/P00207 | 16 | 20.0 | 29.4 | 38.6 | 86.0 | 1.0 | 57.5 | 5.0 |
| I06220 | USPT-CBB-3 | 42 | 20.0 | 34.9 | 41.5 | 86.5 | 1.5 | 54.5 | 3.0 |
| I06234 | PS03-042-7-B2 (USWA) | 59 | 19.7 | 32.5 | 41.0 | 89.5 | 2.5 | 40.5 | 1.5 |
| I06230 | PS01-086-3-B4 (USWA) | 55 | 19.7 | 29.7 | 39.1 | 91.5 | 4.0 | 43.0 | 2.5 |
| P06135 | P02627/P02647 | 35 | 19.4 | 35.9 | 41.5 | 85.5 | 1.0 | 52.0 | 6.0 |
| I06231 | PS01-088-1-B4 (USWA) | 56 | 19.3 | 29.0 | 39.5 | 92.5 | 4.0 | 42.4 | 2.5 |
| I06229 | PS01-086-1-B4 (USWA) | 54 | 18.8 | 28.8 | 40.1 | 90.5 | 4.0 | 44.0 | 3.0 |

EXPERIMENT 6112 PYT PINTO TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-----------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06235 | PS03-044-4-B2 (USWA) | 60 | 18.7 | 33.6 | 40.0 | 93.5 | 4.0 | 41.5 | 3.0 |
| I06216 | USPT-ANT-1 | 45 | 18.6 | 35.3 | 46.5 | 100.0 | 4.5 | 42.5 | 1.0 |
| P06107 | P94207/P99120//P00207 | 7 | 18.2 | 28.2 | 44.5 | 87.0 | 1.0 | 52.0 | 4.0 |
| P06106 | P94207/P99120//P00207 | 6 | 17.9 | 26.9 | 43.0 | 85.0 | 1.0 | 51.5 | 5.5 |
| I03355 | USPT-CBB-1 | 40 | 17.8 | 30.1 | 39.0 | 91.5 | 2.5 | 45.5 | 3.0 |
| P06101 | P94207/P00207//P99120 | 1 | 17.7 | 32.2 | 43.0 | 86.5 | 2.0 | 48.5 | 4.0 |
| P06121 | P02647/I03355 | 21 | 17.2 | 31.9 | 40.0 | 85.5 | 1.0 | 47.6 | 4.0 |
| P06120 | P00207/I03355 | 20 | 17.0 | 27.5 | 44.5 | 88.0 | 1.0 | 57.5 | 4.5 |
| I06205 | USPT-CBB-6 | 44 | 16.7 | 32.3 | 47.0 | 99.5 | 4.0 | 44.0 | 3.0 |
| P06118 | P00207/I03355 | 18 | 16.1 | 27.6 | 44.0 | 86.5 | 2.5 | 56.5 | 4.0 |
| P06102 | P94207/P00207//P99120 | 2 | 15.8 | 30.4 | 42.0 | 84.0 | 2.0 | 49.1 | 3.5 |
| I06219 | USPT-CBB-2 | 41 | 15.4 | 34.1 | 47.0 | 93.0 | 2.0 | 52.0 | 3.0 |
| P06119 | P00207/I03355 | 19 | 13.8 | 27.5 | 44.0 | 88.5 | 1.0 | 57.1 | 4.5 |
| P06117 | P00207/I03355 | 17 | 13.2 | 27.5 | 45.0 | 88.0 | 1.0 | 55.0 | 4.0 |
| AVERAGE OF PRECEDING 64 MEANS | | | 21.4 | 32.9 | 41.5 | 87.6 | 2.0 | 49.7 | 4.1 |
| LSD (P=.05) | | | 2.2 | 2.0 | 1.3 | 1.7 | 0.6 | 2.3 | 0.8 |
| LSD (P=.01) | | | 2.9 | 2.6 | 1.7 | 2.2 | 0.7 | 3.0 | 1.0 |
| COEFFICIENT OF VARIATION | | | 6.4 | 3.7 | 2.0 | 1.2 | 17.4 | 2.9 | 11.4 |

EXPERIMENT 6113 PRELIMINARY PINK AND RED TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| R06422 | R02205//I03386/R98026 | 17 | 25.0 | 27.7 | 41.5 | 87.8 | 1.0 | 49.0 | 5.0 |
| R06413 | S01944/R02205 | 4 | 23.9 | 29.9 | 44.0 | 91.6 | 2.0 | 54.9 | 3.5 |
| R06418 | S01944/R02205 | 9 | 23.8 | 30.9 | 42.0 | 91.0 | 2.0 | 50.6 | 3.0 |
| R06417 | S01944/R02205 | 8 | 23.3 | 29.8 | 44.0 | 91.2 | 2.5 | 47.6 | 3.0 |
| R06424 | R02205//I03386/R98026 | 19 | 23.3 | 25.9 | 40.5 | 86.7 | 1.0 | 48.4 | 5.5 |
| I06248 | PS03-052-6-B2 (USWA) | 33 | 23.1 | 30.5 | 39.5 | 86.4 | 2.0 | 52.0 | 2.5 |
| R06412 | S01944/R02205 | 3 | 22.9 | 27.4 | 43.0 | 90.9 | 2.0 | 49.5 | 3.0 |
| I95322 | BROOKS-18(RM) | 36 | 22.5 | 29.1 | 44.5 | 92.9 | 3.0 | 46.6 | 2.5 |
| S06404 | S00802//I03385/S00809 | 15 | 22.5 | 32.3 | 40.0 | 91.4 | 2.0 | 52.5 | 3.5 |
| R06423 | R02205//I03386/R98026 | 18 | 22.2 | 25.8 | 40.0 | 87.6 | 1.5 | 48.8 | 4.0 |
| S06409 | I03917/S00802 | 25 | 22.0 | 32.9 | 42.0 | 88.7 | 2.0 | 53.0 | 3.0 |
| I06246 | PS02-230-5-B2 (USWA) | 31 | 21.6 | 30.3 | 43.0 | 93.9 | 2.5 | 48.6 | 2.0 |
| S06401 | S00802/R97003 | 1 | 21.4 | 32.8 | 41.0 | 93.0 | 2.0 | 51.5 | 3.0 |
| S06407 | I03916/S00802 | 21 | 21.3 | 38.1 | 41.0 | 91.0 | 2.0 | 53.9 | 3.0 |
| R06420 | S01944/R02205 | 11 | 21.0 | 25.7 | 40.5 | 85.5 | 1.0 | 48.5 | 5.0 |
| R98026 | R94037/R94161, MERLOT | 34 | 21.0 | 34.1 | 41.5 | 93.6 | 3.0 | 51.1 | 3.0 |
| S00809 | R94142/X94076, SEDONA | 35 | 21.0 | 33.4 | 42.0 | 89.9 | 3.0 | 52.9 | 3.5 |
| R06415 | S01944/R02205 | 6 | 20.8 | 26.2 | 41.0 | 92.6 | 2.0 | 52.6 | 3.5 |
| S06410 | I03913//S00809/I03386 | 26 | 20.7 | 36.2 | 42.5 | 90.5 | 1.5 | 50.9 | 3.0 |
| R06416 | S01944/R02205 | 7 | 20.6 | 27.6 | 44.0 | 91.1 | 2.5 | 53.0 | 3.5 |
| R06419 | S01944/R02205 | 10 | 20.4 | 27.2 | 41.0 | 91.1 | 2.0 | 52.3 | 3.0 |
| R06425 | I03916/S00802 | 22 | 19.3 | 33.1 | 41.5 | 90.1 | 2.0 | 53.4 | 3.0 |
| R06411 | S01944/R02205 | 2 | 19.2 | 31.0 | 42.5 | 93.9 | 2.0 | 53.5 | 3.0 |
| R06414 | S01944/R02205 | 5 | 19.0 | 30.0 | 44.0 | 92.9 | 2.0 | 51.1 | 3.0 |

EXPERIMENT 6113 PRELIMINARY PINK AND RED TEST

PLANTING DATE 06/08/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-----------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| S06403 | S00802/R97003 | 14 | 18.9 | 34.3 | 42.0 | 91.4 | 1.5 | 51.6 | 3.5 |
| R06429 | S00809/I03386//I03914 | 29 | 18.7 | 31.3 | 41.0 | 86.5 | 1.0 | 51.5 | 4.0 |
| S06406 | I03916/S00802 | 20 | 18.6 | 36.4 | 41.0 | 92.0 | 2.5 | 51.9 | 2.5 |
| S06402 | S00802/R97003 | 13 | 18.5 | 34.7 | 40.5 | 91.4 | 2.0 | 53.6 | 3.0 |
| R06428 | S00809/I03386//I03914 | 28 | 18.2 | 32.6 | 40.0 | 85.9 | 1.5 | 50.0 | 3.5 |
| S06408 | I03917/S00802 | 24 | 18.1 | 31.3 | 41.0 | 92.0 | 1.5 | 54.5 | 3.0 |
| R06427 | S00809/I03386//I03914 | 27 | 18.0 | 28.5 | 40.0 | 86.0 | 2.0 | 50.4 | 3.5 |
| I06247 | PS03-049-6-B2 (USWA) | 32 | 17.6 | 33.0 | 48.0 | 93.3 | 3.0 | 49.1 | 2.0 |
| R06430 | I03913/R98026 | 30 | 16.5 | 28.0 | 40.0 | 86.4 | 1.0 | 51.1 | 5.0 |
| R06426 | I03916/S00802 | 23 | 15.8 | 35.0 | 41.0 | 87.7 | 1.0 | 53.4 | 2.0 |
| R06421 | S00802/R97003 | 12 | 13.7 | 30.4 | 41.0 | 87.8 | 2.0 | 48.6 | 2.0 |
| S06405 | S01932//S00809/I03386 | 16 | 9.7 | 35.2 | 48.0 | 98.3 | 2.5 | 52.0 | 1.0 |
| AVERAGE OF PRECEDING 36 MEANS | | | 20.1 | 31.1 | 41.9 | 90.4 | 1.9 | 51.2 | 3.2 |
| LSD (P=.05) | | | 1.7 | 1.8 | 1.1 | 1.3 | 0.4 | 1.7 | 0.6 |
| LSD (P=.01) | | | 2.2 | 2.3 | 1.4 | 1.7 | 0.6 | 2.2 | 0.7 |
| COEFFICIENT OF VARIATION | | | 5.1 | 3.5 | 1.6 | 0.9 | 13.7 | 2.0 | 10.6 |

EXPERIMENT 6114 STANDARD TEBO TRIAL

PLANTING DATE 06/06/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| G04909 | HIME TEBO*3/MATTERHORN | 19 | 21.9 | 24.0 | 40.5 | 83.0 | 3.0 | 47.9 | 5.5 |
| G05922 | HIME TEBO*4/MATTERHORN | 16 | 21.1 | 23.5 | 41.0 | 81.5 | 3.0 | 45.9 | 4.5 |
| G05909 | HIME TEBO*4/MATTERHORN | 20 | 20.7 | 23.2 | 39.0 | 83.0 | 3.0 | 45.9 | 4.5 |
| G04911 | HIME TEBO*3/MATTERHORN | 9 | 20.5 | 23.6 | 41.0 | 80.5 | 3.0 | 46.5 | 6.0 |
| G05907 | HIME TEBO*4/MATTERHORN | 6 | 20.4 | 23.5 | 39.9 | 81.5 | 3.0 | 46.8 | 4.5 |
| G05915 | HIME TEBO*4/MATTERHORN | 10 | 20.3 | 23.7 | 39.0 | 80.5 | 2.5 | 45.6 | 5.0 |
| G04912 | HIME TEBO*3/MATTERHORN | 2 | 20.1 | 23.5 | 40.0 | 81.5 | 3.0 | 46.3 | 5.0 |
| G05913 | HIME TEBO*4/MATTERHORN | 18 | 20.0 | 23.1 | 41.0 | 83.0 | 3.0 | 47.9 | 5.0 |
| G05905 | HIME TEBO*4/MATTERHORN | 14 | 20.0 | 24.0 | 39.9 | 82.0 | 3.0 | 47.3 | 5.0 |
| G04914 | HIME TEBO*3/MATTERHORN | 4 | 19.8 | 23.3 | 40.1 | 82.5 | 3.0 | 48.0 | 5.0 |
| I03388 | HIME TEBO | 1 | 19.5 | 23.9 | 41.6 | 81.5 | 3.0 | 45.4 | 4.5 |
| G05903 | HIME TEBO*4/MATTERHORN | 17 | 19.5 | 22.7 | 40.5 | 83.0 | 3.0 | 47.4 | 5.0 |
| G04902 | HIME TEBO*3/MATTERHORN | 11 | 19.4 | 24.7 | 41.6 | 85.0 | 3.0 | 48.1 | 4.0 |
| G05901 | HIME TEBO*4/MATTERHORN | 22 | 19.2 | 22.4 | 40.0 | 82.5 | 3.0 | 47.6 | 5.5 |
| G05914 | HIME TEBO*4/MATTERHORN | 12 | 19.2 | 22.3 | 40.1 | 83.5 | 3.0 | 47.4 | 4.5 |
| G05912 | HIME TEBO*4/MATTERHORN | 13 | 19.2 | 23.6 | 40.1 | 82.5 | 3.0 | 46.5 | 4.5 |
| G05911 | HIME TEBO*4/MATTERHORN | 7 | 19.0 | 22.6 | 40.1 | 82.5 | 3.0 | 47.2 | 5.0 |
| G04907 | HIME TEBO*3/MATTERHORN | 15 | 18.9 | 22.9 | 41.4 | 84.0 | 3.0 | 47.2 | 5.0 |
| G05916 | HIME TEBO*4/MATTERHORN | 30 | 18.9 | 22.4 | 40.0 | 81.0 | 3.0 | 46.2 | 5.0 |
| G04910 | HIME TEBO*3/MATTERHORN | 3 | 18.8 | 23.5 | 40.6 | 82.0 | 3.0 | 47.4 | 5.0 |
| G05923 | HIME TEBO*4/MATTERHORN | 27 | 18.7 | 23.4 | 39.5 | 82.5 | 3.0 | 46.1 | 4.5 |
| G05910 | HIME TEBO*4/MATTERHORN | 24 | 18.6 | 23.4 | 40.5 | 80.5 | 3.0 | 45.7 | 4.5 |
| G05902 | HIME TEBO*4/MATTERHORN | 8 | 18.6 | 23.1 | 40.5 | 81.5 | 3.0 | 45.9 | 4.0 |
| G04905 | HIME TEBO*3/MATTERHORN | 28 | 18.6 | 23.0 | 40.5 | 82.5 | 3.0 | 46.2 | 4.5 |
| G05920 | HIME TEBO*4/MATTERHORN | 5 | 18.5 | 22.3 | 41.0 | 81.5 | 3.0 | 45.1 | 4.0 |
| G04901 | HIME TEBO*3/MATTERHORN | 26 | 18.2 | 22.8 | 40.5 | 83.5 | 3.0 | 47.0 | 4.5 |
| G05921 | HIME TEBO*4/MATTERHORN | 21 | 17.9 | 22.6 | 41.4 | 80.5 | 3.0 | 44.5 | 4.0 |
| G04904 | HIME TEBO*3/MATTERHORN | 29 | 17.7 | 23.4 | 41.1 | 80.5 | 3.0 | 45.7 | 4.0 |
| G05919 | HIME TEBO*4/MATTERHORN | 23 | 17.7 | 24.1 | 39.5 | 82.0 | 3.0 | 45.8 | 4.0 |
| G05925 | HIME TEBO*4/MATTERHORN | 25 | 15.0 | 22.2 | 40.5 | 81.5 | 3.0 | 45.7 | 3.0 |
| AVERAGE OF PRECEDING 30 MEANS | | | 19.2 | 23.2 | 40.4 | 82.1 | 3.0 | 46.5 | 4.6 |
| LSD (P=.05) | | | 2.5 | 1.1 | 0.7 | 0.9 | 0.1 | 1.0 | 0.6 |
| LSD (P=.01) | | | 3.3 | 1.4 | 0.9 | 1.2 | 0.1 | 1.3 | 0.8 |
| COEFFICIENT OF VARIATION | | | 9.2 | 3.3 | 1.2 | 0.8 | 2.5 | 1.6 | 9.2 |

EXPERIMENT 6115 MRPN- MIDWEST REGIONAL PERFORMANCE NURSERY PLANTING DATE 06/11/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-----------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| P05459 | P94207/P00207//P99120 | 3 | 26.9 | 32.7 | 43.0 | 84.8 | 2.0 | 50.7 | 4.0 |
| P05463 | P94207*/G99750 | 6 | 26.5 | 33.5 | 41.0 | 85.3 | 1.0 | 48.8 | 5.0 |
| I05834 | ND0203051 (MPRN) | 8 | 26.1 | 36.0 | 41.0 | 87.0 | 1.5 | 51.1 | 4.0 |
| I06252 | NE 1-04-4 | 15 | 25.7 | 33.5 | 41.0 | 88.4 | 2.0 | 50.4 | 5.0 |
| G05219 | G93414/G99750 | 1 | 25.4 | 36.3 | 40.5 | 87.8 | 2.0 | 50.9 | 5.5 |
| P05405 | P94207/P00207//P99120 | 5 | 24.7 | 34.7 | 42.0 | 90.1 | 1.5 | 53.6 | 3.0 |
| I06251 | CO23704 | 14 | 24.3 | 35.6 | 42.5 | 93.2 | 3.0 | 47.5 | 4.0 |
| G93414 | MATTERHORN | 19 | 24.2 | 32.5 | 40.5 | 84.2 | 1.5 | 48.2 | 5.5 |
| I05827 | CO12632 (MPRN) | 11 | 24.1 | 37.7 | 40.0 | 85.7 | 3.0 | 45.0 | 3.0 |
| P05448 | P99120/G93414//P00207 | 4 | 24.0 | 33.1 | 41.5 | 85.5 | 2.0 | 50.0 | 4.0 |
| I05828 | C016219 (MPRN) | 12 | 23.7 | 36.9 | 39.5 | 86.1 | 2.5 | 45.7 | 3.5 |
| I06249 | ND020069 | 7 | 23.6 | 35.5 | 43.0 | 93.0 | 2.0 | 53.6 | 4.0 |
| I05833 | ND010307 (MPRN) | 9 | 23.1 | 38.1 | 40.5 | 88.2 | 2.0 | 49.4 | 3.0 |
| I99117 | ASG85-5051-7, BUSTER | 18 | 22.7 | 33.1 | 40.5 | 83.9 | 3.0 | 43.4 | 3.5 |
| I98313 | CO 51715, MONTROSE | 20 | 22.4 | 31.5 | 40.0 | 86.9 | 5.0 | 19.9 | 1.0 |
| I06250 | CO12614 | 10 | 21.8 | 35.0 | 40.0 | 85.2 | 3.0 | 46.1 | 3.5 |
| I06254 | NE 3-04-8 | 17 | 21.0 | 39.4 | 40.5 | 88.0 | 1.0 | 52.3 | 4.0 |
| I06253 | NE 1-05-4 | 16 | 19.3 | 30.8 | 41.0 | 93.8 | 2.0 | 53.3 | 3.5 |
| G05463 | P94207*/G99750 | 2 | 19.1 | 32.4 | 43.5 | 88.4 | 1.5 | 48.4 | 4.0 |
| I05830 | C024311 (MPRN) | 13 | 18.8 | 38.8 | 45.0 | 92.6 | 2.0 | 53.6 | 3.5 |
| AVERAGE OF PRECEDING 20 MEANS | | | 23.4 | 34.8 | 41.3 | 87.9 | 2.2 | 48.1 | 3.8 |
| LSD (P=.05) | | | 2.5 | 1.6 | 0.9 | 1.7 | 0.4 | 2.2 | 0.6 |
| LSD (P=.01) | | | 3.3 | 2.1 | 1.2 | 2.3 | 0.5 | 2.9 | 0.8 |
| COEFFICIENT OF VARIATION | | | 6.6 | 2.8 | 1.3 | 1.2 | 11.2 | 2.8 | 9.7 |

EXPERIMENT 6116 STD VINE CRAN TRIAL

PLANTING DATE 06/08/06

| ENTRY | NAMES | GROWTH HABIT | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|----------------------------------|--------------|-----|-----------------|--------------|----------------|------------------|---------|--------|------------|
| C99833 | CARDINAL/K94803, CAPRI | 1 | 2 | 22.1 | 46.9 | 35.1 | 92.5 | 1.0 | 49.9 | 6.0 |
| C05605 | X01014/I98337//C99804 | 2 | 15 | 18.8 | 40.7 | 43.4 | 95.0 | 2.0 | 50.4 | 5.5 |
| C03157 | C97407 2*NEGRO SAN LUIS-67 | 1 | 4 | 17.7 | 47.1 | 35.3 | 91.5 | 1.0 | 48.4 | 6.0 |
| C03158 | C97407 2*NEGRO SAN LUIS-68 | 3 | 3 | 17.6 | 36.7 | 41.0 | 95.5 | 3.0 | 46.6 | 4.5 |
| C03161 | C97407 2*NEGRO SAN LUIS-71 | 3 | 6 | 17.5 | 41.5 | 40.9 | 94.5 | 2.5 | 46.9 | 4.5 |
| C03151 | C97407 2*NEGRO SAN LUIS-61 | 3 | 1 | 16.5 | 39.4 | 41.0 | 92.0 | 3.5 | 46.0 | 4.5 |
| C05626 | X01019/C97407//C99833 | 2 | 16 | 15.8 | 40.5 | 36.6 | 93.0 | 2.0 | 48.9 | 5.5 |
| C03119 | C97407 2*NEGRO SAN LUIS-24 | 2 | 12 | 15.4 | 42.7 | 41.0 | 93.0 | 1.0 | 50.1 | 6.0 |
| I04317 | ASGROW 0759 VINE, CHIANTI | 2 | 5 | 14.9 | 37.7 | 41.1 | 97.5 | 2.5 | 48.6 | 4.5 |
| C03156 | C97407 2*NEGRO SAN LUIS-66 | 3 | 8 | 14.7 | 38.8 | 41.0 | 97.0 | 3.4 | 45.7 | 4.0 |
| C66001 | MICRAN | 3 | 9 | 13.5 | 44.0 | 40.8 | 96.0 | 3.9 | 44.5 | 4.0 |
| C03147 | C97407 2*NEGRO SAN LUIS-57 | 3 | 13 | 13.2 | 29.8 | 38.0 | 98.0 | 3.0 | 46.4 | 4.0 |
| C03150 | C97407 2*NEGRO SAN LUIS-60 | 1 | 10 | 12.2 | 36.1 | 36.0 | 95.0 | 1.0 | 48.4 | 4.0 |
| C03153 | C97407 2*NEGRO SAN LUIS-63 | 3 | 11 | 12.2 | 37.3 | 41.1 | 97.0 | 3.0 | 47.0 | 4.5 |
| C03146 | C97407 2*NEGRO SAN LUIS-56 | 3 | 7 | 11.3 | 38.0 | 41.0 | 98.0 | 3.5 | 43.1 | 4.0 |
| C03149 | C97407 2*NEGRO SAN LUIS-59 | 3 | 14 | 8.5 | 28.0 | 41.2 | 100.0 | 4.0 | 45.9 | 3.0 |
| AVERAGE OF PRECEDING 16 MEANS | | | | 15.1 | 39.1 | 39.7 | 95.3 | 2.5 | 47.3 | 4.7 |
| LSD (P=.05) | | | | 1.7 | 2.1 | 0.7 | 0.9 | 0.3 | 1.2 | 0.4 |
| LSD (P=.01) | | | | 2.2 | 2.8 | 0.9 | 1.2 | 0.4 | 1.6 | 0.5 |
| COEFFICIENT OF VARIATION | | | | 7.8 | 3.9 | 1.3 | 0.7 | 8.6 | 1.8 | 6.3 |

EXPERIMENT 6217 STD BUSH CRAN TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| C05625 | X01019/C97407//C99833 | 27 | 20.3 | 46.7 | 36.5 | 95.0 | 4.0 | 40.1 | 3.0 |
| I99149 | B386ASGROW,CRAN, HOOTER | 9 | 17.4 | 45.6 | 37.0 | 96.5 | 1.5 | 49.9 | 4.0 |
| C99833 | CARDINAL/K94803, CAPRI | 7 | 17.3 | 43.4 | 35.0 | 92.4 | 2.0 | 49.6 | 4.4 |
| C05631 | X01021/C81008//C00301 | 20 | 16.9 | 43.7 | 35.5 | 90.4 | 2.0 | 47.9 | 4.0 |
| C05653 | X01020/C81008//C99804 | 19 | 16.8 | 41.0 | 35.5 | 90.9 | 2.0 | 47.9 | 3.5 |
| C03155 | C97407 2* NEGRO SAN LUIS-65 | 3 | 16.1 | 43.2 | 38.5 | 94.5 | 1.0 | 49.6 | 3.1 |
| C05618 | X01019/C97407//C99804 | 21 | 16.1 | 40.6 | 36.0 | 91.0 | 3.5 | 43.9 | 3.0 |
| C81004 | CRAN 425,CARDINAL | 10 | 15.8 | 40.7 | 36.0 | 91.6 | 2.0 | 46.9 | 3.5 |
| C05647 | X01022/C81008//C99833 | 38 | 15.4 | 41.2 | 35.0 | 94.0 | 2.0 | 48.1 | 4.0 |
| C00302 | 92-197-02-14/CARDINAL | 14 | 14.9 | 41.2 | 36.0 | 89.4 | 2.0 | 46.7 | 3.5 |
| C05660 | C97407/I98512//C97407 | 39 | 14.2 | 33.6 | 37.0 | 94.0 | 2.0 | 47.8 | 4.5 |
| C99806 | CARDINAL/C93212 | 22 | 13.9 | 41.1 | 35.0 | 93.0 | 2.0 | 47.6 | 3.5 |
| C05632 | X01021/C81008//C00301 | 32 | 13.8 | 39.8 | 36.0 | 90.4 | 2.0 | 47.0 | 3.5 |
| C05603 | X01014/C81008//C99804 | 23 | 13.5 | 36.1 | 37.0 | 89.0 | 1.5 | 47.4 | 4.0 |
| C03142 | C97407 2* NEGRO SAN LUIS-52 | 1 | 13.5 | 37.5 | 35.0 | 89.6 | 2.5 | 45.6 | 3.0 |
| C05617 | X01019/C97407//C99804 | 33 | 13.0 | 35.5 | 34.5 | 90.4 | 1.5 | 48.1 | 4.0 |
| C05615 | X01018/C97407//C99804 | 29 | 12.8 | 34.6 | 35.0 | 89.9 | 1.5 | 45.0 | 4.0 |
| C05643 | X01015/C97407//C00301 | 42 | 12.8 | 37.8 | 36.0 | 89.0 | 2.0 | 47.7 | 3.1 |
| C03164 | C97407 2* NEGRO SAN LUIS-76 | 4 | 12.7 | 38.5 | 35.0 | 92.9 | 2.0 | 47.0 | 3.1 |
| C05610 | X01015/I98337//C99833 | 41 | 12.6 | 39.1 | 35.5 | 89.0 | 2.5 | 46.9 | 3.4 |
| C03143 | C97407 2* NEGRO SAN LUIS-53 | 5 | 12.2 | 34.1 | 35.5 | 90.1 | 2.0 | 45.6 | 3.0 |
| C05654 | X01021/C97407//C99804 | 34 | 12.2 | 34.6 | 36.0 | 89.6 | 2.0 | 47.3 | 3.5 |
| C03103 | C97407 2* NEGRO SAN LUIS-04 | 11 | 12.1 | 39.4 | 35.5 | 86.6 | 3.0 | 42.5 | 2.5 |
| C05641 | X01021/C97407//C99833 | 25 | 11.9 | 40.7 | 34.5 | 90.4 | 2.0 | 48.3 | 3.5 |
| C05634 | X01021/C81008//C99833 | 28 | 11.8 | 35.6 | 36.5 | 90.0 | 2.0 | 47.1 | 4.4 |

EXPERIMENT 6217 STD BUSH CRAN TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|----------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| C05652 | X01020/C81008//C99804 | 17 | 11.8 | 39.7 | 34.9 | 89.4 | 1.0 | 47.4 | 4.0 |
| C99804 | CARDINAL/C93212 | 8 | 11.8 | 34.9 | 35.5 | 91.0 | 2.0 | 46.8 | 3.0 |
| C05616 | X01019/C97407//C99804 | 26 | 11.8 | 36.8 | 34.5 | 90.7 | 1.5 | 47.8 | 3.6 |
| C05633 | X01021/C81008//C00301 | 36 | 11.8 | 33.2 | 35.5 | 90.5 | 2.0 | 47.5 | 4.0 |
| C03116 | C97407 2*NEGRO SAN LUIS-17 | 13 | 11.5 | 34.1 | 35.0 | 89.0 | 2.0 | 46.1 | 3.5 |
| C03137 | C97407 2*NEGRO SAN LUIS-42 | 2 | 11.4 | 33.9 | 35.0 | 90.0 | 2.0 | 46.8 | 3.5 |
| C03118 | C97407 2*NEGRO SAN LUIS-19 | 6 | 11.1 | 37.3 | 37.0 | 88.5 | 2.0 | 47.0 | 3.5 |
| C05627 | X01019/C97407//C00301 | 40 | 11.0 | 32.1 | 35.0 | 90.0 | 1.0 | 48.2 | 3.9 |
| C05635 | X01021/C97407//C99833 | 30 | 10.9 | 37.7 | 36.0 | 90.2 | 2.0 | 49.2 | 4.5 |
| C05651 | X01020/C81008//C99804 | 16 | 10.8 | 38.2 | 35.0 | 88.6 | 1.5 | 45.7 | 3.6 |
| C05611 | X01016/I98337//C00301 | 35 | 10.7 | 39.6 | 35.5 | 89.9 | 1.5 | 46.3 | 3.5 |
| C05630 | X01019/C97407//C00301 | 18 | 10.6 | 32.4 | 36.0 | 89.1 | 2.0 | 45.8 | 2.9 |
| C05620 | X01019/C97407//C99833 | 37 | 10.4 | 36.7 | 35.5 | 91.8 | 1.5 | 48.6 | 5.0 |
| C81008 | T HORT | 15 | 10.2 | 37.5 | 36.5 | 89.0 | 2.0 | 44.5 | 3.0 |
| C05624 | X01019/C97407//C99833 | 24 | 10.2 | 32.8 | 34.5 | 88.9 | 1.0 | 47.1 | 4.0 |
| C03117 | C97407 2*NEGRO SAN LUIS-18 | 12 | 10.1 | 32.7 | 35.0 | 87.6 | 2.0 | 45.0 | 3.0 |
| C05638 | X01021/C97407//C99833 | 31 | 9.8 | 39.4 | 36.5 | 90.5 | 1.0 | 49.5 | 4.5 |
| AVERAGE OF PRECEDING 42 MEANS | | | 13.0 | 38.0 | 35.7 | 90.6 | 1.9 | 46.9 | 3.6 |
| LSD (P=.05) | | | 2.9 | 2.2 | 0.5 | 0.9 | 0.3 | 1.0 | 0.4 |
| LSD (P=.01) | | | 3.8 | 2.9 | 0.7 | 1.2 | 0.4 | 1.3 | 0.6 |
| COEFFICIENT OF VARIATION | | | 15.9 | 4.2 | 1.0 | 0.7 | 10.4 | 1.5 | 8.4 |

EXPERIMENT 6218 PYT CRANBERRY TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|--------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06208 | USCR-CBB-19 | 1 | 25.5 | 44.7 | 34.5 | 92.5 | 2.0 | 46.1 | 3.5 |
| I06209 | USCR-CBB-20 | 2 | 21.4 | 41.9 | 34.0 | 94.1 | 2.0 | 47.0 | 4.0 |
| C06814 | C99833/C03151 | 16 | 21.1 | 46.9 | 35.0 | 90.6 | 2.0 | 46.9 | 4.0 |
| I99149 | B386ASGROW,CRAN, HOOTER | 25 | 19.7 | 46.7 | 36.0 | 93.5 | 1.5 | 48.5 | 2.5 |
| C06820 | C99833//X01020//C97407 | 22 | 18.8 | 40.0 | 35.5 | 92.0 | 2.0 | 49.2 | 4.0 |
| C06806 | C99833//X01020//C97407 | 8 | 18.8 | 46.1 | 35.1 | 91.2 | 2.0 | 46.6 | 4.0 |
| C06803 | X01020/C81008//C99833 | 5 | 18.7 | 47.0 | 35.0 | 93.9 | 2.0 | 49.2 | 4.5 |
| C99833 | CARDINAL/K94803, CAPRI | 23 | 18.5 | 46.4 | 35.0 | 92.6 | 2.0 | 48.8 | 3.5 |
| C06811 | C99833/C03151 | 13 | 18.3 | 41.1 | 35.5 | 91.6 | 2.0 | 46.4 | 3.5 |
| C06819 | C99833//X01020//C97407 | 21 | 18.3 | 44.5 | 36.0 | 94.6 | 1.5 | 49.1 | 4.5 |
| C06812 | C99833/C03151 | 14 | 18.3 | 45.3 | 35.5 | 91.6 | 2.0 | 47.0 | 3.5 |
| C06818 | C99833//X01020//C97407 | 20 | 18.1 | 42.0 | 35.5 | 93.9 | 2.0 | 48.4 | 4.0 |
| C06802 | X01016/C81008//C99833 | 4 | 17.8 | 35.2 | 34.5 | 90.4 | 2.0 | 46.4 | 3.0 |
| C06808 | I01800/C03129 | 10 | 17.8 | 49.5 | 36.5 | 94.4 | 2.5 | 48.5 | 3.5 |
| C06801 | X01015/C97407//C99833 | 3 | 17.1 | 52.2 | 36.5 | 95.0 | 1.0 | 49.8 | 4.5 |
| C06817 | X01015/C97407//C99833 | 19 | 17.1 | 45.1 | 36.0 | 92.0 | 2.0 | 47.9 | 3.5 |
| C06805 | C99833//X01020//C97407 | 7 | 17.0 | 39.3 | 36.0 | 89.9 | 2.0 | 47.3 | 3.5 |
| C06807 | I01800/C03129 | 9 | 17.0 | 44.3 | 37.0 | 92.9 | 3.0 | 48.7 | 3.5 |
| C06816 | C99804/X03512 | 18 | 15.1 | 44.7 | 35.5 | 96.5 | 1.5 | 50.2 | 4.5 |
| C81008 | T HORT | 24 | 14.9 | 44.0 | 35.5 | 90.3 | 1.0 | 46.5 | 4.0 |
| C06809 | C99833/C03151 | 11 | 14.8 | 39.0 | 35.5 | 90.8 | 2.0 | 44.5 | 3.0 |
| C06804 | C99833//X01020//C97407 | 6 | 14.3 | 41.1 | 35.5 | 88.1 | 2.0 | 45.9 | 3.0 |
| C06813 | C99833/C03151 | 15 | 13.5 | 39.4 | 35.5 | 88.8 | 2.0 | 45.1 | 3.0 |
| C06810 | C99833/C03151 | 12 | 13.5 | 36.3 | 35.0 | 88.5 | 2.0 | 45.1 | 3.0 |
| C06815 | C99804/X03512 | 17 | 13.1 | 45.0 | 35.0 | 90.7 | 1.5 | 46.7 | 4.0 |
| AVERAGE OF PRECEDING 25 MEANS | | | 17.5 | 43.5 | 35.5 | 92.0 | 1.9 | 47.4 | 3.7 |
| LSD (P=.05) | | | 3.5 | 4.8 | 0.6 | 1.9 | 0.4 | 1.0 | 0.5 |
| LSD (P=.01) | | | 4.5 | 6.3 | 0.8 | 2.4 | 0.5 | 1.3 | 0.6 |
| COEFFICIENT OF VARIATION | | | 12.2 | 6.8 | 1.0 | 1.2 | 12.0 | 1.3 | 8.0 |

EXPERIMENT 6219 STD KIDNEY TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|---------------|---|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| K05604 | K00604/X02151 | 37 | 18.1 | 49.6 | 36.5 | 93.5 | 1.5 | 48.9 | 4.5 |
| K05607 | I99103/K01635 | 26 | 17.3 | 50.6 | 39.0 | 98.0 | 2.0 | 50.0 | 5.5 |
| K05616 | I99103/K02991 | 29 | 16.0 | 51.0 | 37.0 | 96.0 | 1.0 | 48.1 | 4.5 |
| I05101 | USDK-CBB-15 | 24 | 15.5 | 45.2 | 36.5 | 94.0 | 1.5 | 48.6 | 4.5 |
| K05004 | I99105//K00922/G93414 | 34 | 15.2 | 54.3 | 37.0 | 96.5 | 2.0 | 50.0 | 4.5 |
| K05615 | I99103/K02991 | 31 | 15.1 | 50.7 | 37.5 | 93.5 | 1.0 | 49.0 | 4.5 |
| K05905 | K01405//K00922/G93414 | 43 | 15.1 | 51.2 | 39.0 | 99.0 | 1.0 | 52.9 | 5.0 |
| K03240 | REDHAWK 2*NEGRO SAN LUIS-140 | 6 | 14.9 | 45.3 | 38.0 | 94.5 | 2.0 | 47.4 | 3.5 |
| K05611 | I99103/K77002 | 44 | 14.6 | 60.9 | 39.0 | 57.5 | 1.0 | 52.5 | 3.5 |
| K05908 | K01405//K00922/G93414 | 42 | 14.5 | 56.5 | 39.5 | 58.5 | 1.5 | 54.5 | 3.0 |
| K94601 | CN49242/3*MONT//REDKLOUD, CHINOOK2000 | 21 | 14.3 | 44.7 | 36.0 | 96.0 | 2.0 | 49.5 | 4.0 |
| K03235 | REDHAWK 2*NEGRO SAN LUIS-135 | 17 | 13.9 | 41.2 | 35.5 | 94.0 | 2.0 | 46.5 | 3.5 |
| K03288 | REDHAWK 2*NEGRO SAN LUIS-188 | 13 | 13.7 | 47.7 | 37.0 | 94.5 | 2.0 | 48.0 | 4.0 |
| K05612 | I99103/K77002 | 28 | 13.6 | 60.9 | 38.5 | 108.5 | 1.5 | 52.1 | 3.0 |
| K05614 | K90101/K74002//K74002 | 32 | 13.5 | 50.0 | 36.5 | 97.5 | 2.0 | 50.5 | 4.5 |
| K90101 | CHAR/2*MONT, RED HAWK | 19 | 13.3 | 41.2 | 35.5 | 94.5 | 2.0 | 47.1 | 3.5 |
| K74002 | MDRK/CN(3)-HBR(NEB#1), MONTCALM | 3 | 13.3 | 47.2 | 37.5 | 96.0 | 2.0 | 46.9 | 3.5 |
| K05907 | K01405//K00922/G93414 | 33 | 13.2 | 48.4 | 39.5 | 103.5 | 2.0 | 52.0 | 3.5 |
| K03242 | REDHAWK 2*NEGRO SAN LUIS-142 | 18 | 13.2 | 42.7 | 37.5 | 97.0 | 1.5 | 48.9 | 4.0 |
| K05920 | K99962/K90101 | 39 | 13.2 | 48.6 | 35.5 | 96.0 | 1.5 | 48.5 | 5.0 |
| K03601 | CN49242/3*MONT//REDKLOUD, CHINOOK SELECT | 14 | 12.9 | 44.2 | 36.0 | 95.0 | 2.0 | 49.1 | 4.0 |
| K05602 | I99105/X02152 | 47 | 12.9 | 42.2 | 38.0 | 97.0 | 1.0 | 47.4 | 4.0 |
| K05608 | I99103/K77002 | 30 | 12.7 | 53.9 | 37.5 | 96.0 | 1.5 | 48.0 | 4.0 |
| K05610 | I99103/K77002 | 27 | 12.6 | 57.4 | 39.5 | 103.0 | 1.5 | 51.9 | 3.5 |
| K05923 | K99968/I98188 | 45 | 12.6 | 51.6 | 38.5 | 98.5 | 1.5 | 50.4 | 4.5 |

EXPERIMENT 6219 STD KIDNEY TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---------------------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| K05605 | I99103/K01635 | 36 | 12.6 | 53.3 | 37.0 | 98.0 | 1.0 | 50.1 | 5.0 |
| K04614 | K90902//X98201/X98204 | 11 | 11.9 | 53.5 | 41.0 | 110.0 | 2.0 | 57.0 | 2.0 |
| K05919 | K90902//X98201/X98204 | 38 | 11.9 | 46.9 | 37.0 | 102.5 | 2.0 | 52.0 | 3.5 |
| K05906 | K01405//K00922/G93414 | 41 | 11.8 | 53.0 | 38.0 | 100.0 | 2.0 | 50.0 | 4.5 |
| K04609 | I96407/X99325 | 7 | 11.8 | 42.7 | 39.0 | 97.0 | 2.0 | 47.6 | 4.0 |
| K05606 | I99103/K01635 | 25 | 11.8 | 49.0 | 36.0 | 93.5 | 1.5 | 47.0 | 4.0 |
| K04605 | I96407/X99325 | 5 | 11.7 | 43.9 | 38.5 | 96.0 | 2.0 | 50.0 | 4.5 |
| K03241 | REDHAWK 2*NEGRO SAN LUIS-141 | 15 | 11.5 | 44.3 | 37.0 | 94.5 | 2.0 | 46.9 | 3.5 |
| K99975 | CARDINAL/K94813 | 10 | 11.5 | 45.3 | 35.0 | 90.0 | 2.0 | 47.1 | 4.0 |
| K05014 | K90101/X02153 | 35 | 10.6 | 42.0 | 36.5 | 93.5 | 2.0 | 45.5 | 4.0 |
| K90902 | BEA/50B1807//LASSEN, BELUGA | 22 | 10.6 | 47.8 | 37.5 | 97.5 | 2.0 | 49.6 | 4.0 |
| K04612 | K99974/I90013 | 2 | 10.5 | 43.7 | 35.0 | 89.0 | 1.5 | 46.4 | 3.5 |
| K05002 | I99105/X02151 | 40 | 9.8 | 52.3 | 37.5 | 95.5 | 3.0 | 43.0 | 2.0 |
| K04604 | K99974/I90013 | 49 | 9.6 | 43.9 | 34.5 | 88.0 | 2.0 | 46.1 | 3.5 |
| K05601 | I99105//K00922/G93414 | 48 | 9.6 | 48.9 | 38.0 | 95.0 | 1.0 | 47.0 | 4.0 |
| K01405 | K86506/REDHAWK,SEL OUT OF KOO605 | 16 | 9.5 | 43.3 | 37.5 | 94.0 | 2.0 | 46.6 | 3.5 |
| K01234 | MUTANT OUT OF REDHAWK, REDCOAT | 20 | 8.6 | 42.6 | 35.0 | 91.0 | 1.5 | 46.0 | 3.5 |
| K05011 | K00604/X02151 | 46 | 7.7 | 42.6 | 36.5 | 95.0 | 2.0 | 45.0 | 3.0 |
| K04601 | X98201/X98204 | 12 | 7.4 | 40.1 | 35.0 | 88.5 | 2.0 | 45.8 | 4.0 |
| K01985 | CARDINAL/K94813//LASSEN/BELUGA | 1 | 7.0 | 44.4 | 35.0 | 88.0 | 2.0 | 47.5 | 3.5 |
| I90013 | (LRK)UCD, CELRK | 23 | 5.7 | 45.3 | 34.5 | 87.0 | 1.5 | 45.6 | 3.0 |
| K04615 | X98201/X98208//K90902/X98205 | 9 | 5.6 | 43.7 | 35.5 | 88.0 | 2.0 | 43.9 | 3.5 |
| K04603 | X98201/X98208//K90902/X98205 | 4 | 4.6 | 45.2 | 35.0 | 88.0 | 1.0 | 46.1 | 3.0 |
| K04613 | X98201/X98208//K90902/X98205 | 8 | 3.8 | 35.0 | 34.5 | 88.0 | 1.5 | 45.1 | 3.5 |
| AVERAGE OF PRECEDING 49 MEANS | | | 11.9 | 47.5 | 37.0 | 93.8 | 1.7 | 48.5 | 3.8 |
| LSD (P=.05) | | | 2.2 | 4.0 | 0.7 | 12.3 | 0.4 | 1.2 | 0.4 |
| LSD (P=.01) | | | 2.9 | 5.2 | 0.9 | 16.0 | 0.5 | 1.5 | 0.5 |
| COEFFICIENT OF VARIATION | | | 13.1 | 6.0 | 1.4 | 9.3 | 15.0 | 1.7 | 7.5 |

EXPERIMENT 6220 PYT KIDNEY TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| I06214 | USWK-CBB-17 | 42 | 24.5 | 43.6 | 36.0 | 99.0 | 1.5 | 49.4 | 5.1 |
| I06213 | USWK-CBB-16 | 41 | 24.0 | 49.7 | 41.0 | 108.5 | 1.0 | 54.3 | 3.0 |
| I05101 | USDK-CBB-15 | 43 | 23.3 | 43.3 | 37.5 | 93.5 | 1.0 | 49.9 | 5.5 |
| K06619 | I00639/K02601 | 19 | 20.4 | 47.7 | 36.5 | 94.5 | 1.0 | 49.0 | 4.5 |
| K06609 | K90101/K02601 | 9 | 19.9 | 47.2 | 37.5 | 96.0 | 1.0 | 48.5 | 4.5 |
| K06014 | K90101/K02601 | 14 | 18.9 | 43.1 | 38.0 | 91.5 | 1.5 | 47.6 | 4.0 |
| K06622 | K01635/K02601 | 22 | 18.4 | 43.9 | 37.0 | 96.0 | 1.0 | 49.5 | 4.9 |
| I06274 | ND02-373-02-02 | 53 | 17.2 | 51.7 | 40.0 | 101.5 | 1.0 | 52.1 | 4.1 |
| I06273 | ND02-373-02-01 | 52 | 17.2 | 48.1 | 39.0 | 104.0 | 1.0 | 51.0 | 3.4 |
| K06012 | K90101/K02601 | 12 | 16.6 | 39.7 | 37.0 | 90.5 | 2.0 | 46.3 | 4.1 |
| K06615 | K74002/K02601 | 15 | 16.6 | 42.5 | 37.0 | 95.0 | 1.5 | 49.0 | 4.0 |
| K06008 | K90101*5/I93154 | 8 | 16.2 | 42.1 | 36.0 | 93.0 | 1.5 | 45.9 | 3.0 |
| K74002 | MDRK/CN(3)-HBR(NEB#1), MONTCALM | 55 | 16.2 | 43.9 | 38.0 | 95.0 | 2.0 | 47.4 | 3.9 |
| K06610 | K90101/K02601 | 10 | 15.8 | 43.6 | 37.0 | 94.0 | 1.0 | 49.1 | 4.5 |
| K06913 | K90902/K03289 | 13 | 15.5 | 51.4 | 39.0 | 102.0 | 1.5 | 50.0 | 4.0 |
| K06617 | I00639/K02601 | 17 | 15.1 | 44.2 | 37.0 | 93.5 | 1.5 | 47.8 | 3.9 |
| K06002 | MDRK/CN(3)-HBR(NEB#1), MONTCALM SELECT | 51 | 15.0 | 43.2 | 39.0 | 93.5 | 2.0 | 47.2 | 4.0 |
| K06621 | K01635/K02601 | 21 | 14.4 | 45.4 | 38.0 | 95.0 | 1.0 | 46.4 | 5.0 |
| K06011 | K90101/K02601 | 11 | 14.4 | 38.9 | 36.0 | 88.0 | 2.0 | 46.5 | 3.5 |
| K06931 | K99974/X02153 | 31 | 14.2 | 44.7 | 35.5 | 98.5 | 1.0 | 49.3 | 4.5 |
| K06001 | I99105/X02151 | 1 | 13.9 | 47.2 | 38.0 | 92.5 | 2.0 | 47.2 | 3.0 |
| K06033 | K01405//K00922/G93414 | 33 | 13.7 | 41.9 | 36.0 | 93.0 | 2.0 | 46.5 | 3.6 |
| K06641 | K01635/K02601 | 56 | 13.5 | 41.6 | 36.0 | 92.0 | 2.0 | 47.1 | 3.0 |
| K06928 | K99974/X02153 | 28 | 13.4 | 44.1 | 39.5 | 94.5 | 1.0 | 51.0 | 4.4 |
| K06618 | I00639/K02601 | 18 | 13.0 | 47.0 | 38.0 | 96.0 | 1.5 | 49.5 | 3.9 |
| K06024 | I02535/K03289 | 24 | 12.6 | 38.1 | 36.5 | 88.5 | 2.0 | 45.5 | 3.0 |
| K06034 | K01405//K00922/G93414 | 34 | 12.0 | 41.8 | 36.0 | 94.0 | 2.0 | 46.0 | 3.0 |
| K06935 | K90902*4/I93154 | 35 | 11.8 | 49.8 | 39.0 | 98.5 | 1.5 | 50.2 | 3.5 |
| K06005 | K00604/X02151 | 5 | 11.7 | 45.9 | 38.5 | 99.0 | 1.5 | 48.9 | 3.5 |
| K06036 | K90101/X02153 | 36 | 11.4 | 44.8 | 36.0 | 90.5 | 2.0 | 45.5 | 3.0 |

EXPERIMENT 6220 PYT KIDNEY TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|-------------------------|-----|--------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| K06003 | I99105/X02151 | 3 | 11.4 | 45.4 | 37.0 | 94.0 | 2.0 | 47.1 | 3.5 |
| K06942 | I99103/K02991 | 50 | 11.1 | 42.8 | 35.5 | 88.0 | 2.0 | 46.4 | 3.4 |
| K06099 | I99105/X02151 | 2 | 11.1 | 47.5 | 38.0 | 93.0 | 1.5 | 46.6 | 3.0 |
| K06623 | K01635/K02601 | 23 | 11.0 | 41.1 | 36.0 | 94.5 | 1.5 | 47.5 | 3.5 |
| I06217 | A195 WMR (BUGARIA) | 54 | 10.8 | 48.1 | 43.5 | 110.0 | 1.0 | 51.0 | 2.0 |
| K06037 | K02601/K02991 | 37 | 10.7 | 56.6 | 40.0 | 107.5 | 1.0 | 52.2 | 2.6 |
| K06929 | K99974/X02153 | 29 | 10.6 | 42.5 | 35.5 | 94.6 | 1.5 | 49.0 | 4.5 |
| K06625 | K01635/K02601 | 25 | 9.8 | 42.4 | 36.5 | 91.0 | 2.0 | 46.5 | 3.5 |
| K06627 | K01635/K02601 | 27 | 9.6 | 42.0 | 35.0 | 88.0 | 2.0 | 44.0 | 3.1 |
| I90013 | (LRK)UCD,CELRK | 48 | 9.5 | 47.7 | 35.0 | 87.5 | 1.5 | 45.1 | 3.0 |
| K06607 | K00604/X02152 | 7 | 8.9 | 51.3 | 37.0 | 97.0 | 2.0 | 46.2 | 3.0 |
| K06620 | K01635/K02601 | 20 | 8.7 | 53.7 | 38.5 | 94.5 | 1.0 | 48.9 | 3.9 |
| I06267 | 1062-V98 (CDBN) | 47 | 8.6 | 40.9 | 35.0 | 88.0 | 2.0 | 45.1 | 3.0 |
| K06939 | K02601/K02991 | 39 | 8.5 | 39.2 | 35.5 | 87.0 | 2.0 | 43.6 | 3.5 |
| K06930 | K99974/X02153 | 30 | 8.4 | 39.0 | 34.5 | 88.0 | 2.0 | 45.4 | 3.0 |
| I06266 | 777-V98 (CDBN) | 46 | 8.3 | 36.0 | 36.5 | 89.0 | 2.0 | 44.1 | 3.0 |
| K06626 | K01635/K02601 | 26 | 8.1 | 42.7 | 35.0 | 88.0 | 2.0 | 44.4 | 3.0 |
| K06032 | K00924/X02153 | 32 | 8.0 | 43.9 | 38.5 | 92.5 | 2.0 | 46.2 | 3.1 |
| I06237 | PS99-300B (USWA) | 45 | 7.2 | 48.2 | 42.0 | 115.0 | 4.5 | 43.1 | 1.0 |
| K06038 | K00924/X02153 | 38 | 6.4 | 40.1 | 38.0 | 92.5 | 1.0 | 46.1 | 3.5 |
| K06004 | K00604/X02151 | 4 | 6.3 | 46.1 | 38.0 | 92.5 | 2.0 | 45.0 | 2.9 |
| I06275 | AZUFRADO, ACOSTA | 49 | 6.1 | 29.1 | 35.5 | 85.5 | 1.5 | 44.8 | 2.5 |
| K06616 | K01635/K02601 | 16 | 4.9 | 43.2 | 34.0 | 88.0 | 2.0 | 43.9 | 3.0 |
| K06606 | K00604/X02152 | 6 | 4.5 | 45.0 | 37.5 | 91.5 | 2.0 | 41.6 | 1.1 |
| K06940 | K02601/K02991 | 40 | 3.5 | 33.6 | 35.0 | 88.0 | 2.0 | 45.9 | 3.0 |
| I06236 | USLK-CBB-9 | 44 | 1.2 | 50.3 | 44.0 | 110.0 | 2.0 | 48.3 | 1.5 |
| AVERAGE OF PRECEDING 56 MEANS | | | 12.4 | 44.3 | 37.4 | 94.6 | 1.7 | 47.3 | 3.5 |
| LSD (P=.05) | | | 5.2 | 3.4 | 1.0 | 2.4 | 0.5 | 1.3 | 0.6 |
| LSD (P=.01) | | | 6.8 | 4.5 | 1.4 | 3.2 | 0.7 | 1.7 | 0.7 |
| COEFFICIENT OF VARIATION | | | 25.7 | 4.7 | 1.7 | 1.6 | 18.6 | 1.7 | 10.1 |

EXPERIMENT 6721 PRESQUE ISLE REGIONAL TRIAL

DATE 06/16/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | PERCENT SITE MEAN | LBS/ACRE /DAY | 100 SEED WT. |
|-------------------------------|---|-----|--------------------|----------------------|------------------|-----------------|
| G93414 | MATTERHORN | 5 | 15.5 | 128.6 | 16.6 | 44.9 |
| N97774 | BUNSI/HURON, SEAHAWK | 2 | 14.6 | 121.2 | 15.7 | 26.7 |
| R98026 | R94037/R94161, MERLOT | 9 | 14.4 | 119.4 | 15.4 | 45.2 |
| P04205 | P99119/G99750 | 8 | 14.1 | 116.8 | 15.1 | 51.9 |
| B04554 | B00103 // B00103 / X00822 | 4 | 13.7 | 114.0 | 14.7 | 28.3 |
| G04914 | HIME TEBO*3/MATTERHORN | 7 | 13.6 | 112.8 | 14.6 | 38.0 |
| G02453 | G99750/P97803 | 6 | 13.3 | 110.3 | 14.3 | 48.4 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 3 | 12.9 | 107.1 | 13.9 | 25.6 |
| N02237 | N97774/JAGUAR | 1 | 12.5 | 104.0 | 13.5 | 24.8 |
| S00809 | R94142/X94076, SEDONA | 10 | 12.4 | 103.3 | 13.4 | 48.0 |
| K03601 | CN49242/3*MONT//REDKLOUD, CHINOOK SELECT | 13 | 11.5 | 95.6 | 12.4 | 62.9 |
| K90101 | CHAR/2*MONT, RED HAWK | 14 | 10.1 | 83.9 | 10.8 | 64.4 |
| K04604 | K99974/I90013 | 16 | 9.6 | 80.0 | 10.3 | 64.1 |
| K74002 | MDRK/CN(3)-HBR(NEB#1), MONTCALM | 12 | 9.5 | 78.9 | 10.2 | 63.5 |
| K03240 | REDHAWK 2*\NEGRO SAN LUIS-140 | 11 | 7.5 | 62.7 | 8.1 | 60.2 |
| I05101 | USDK-CBB-15 | 15 | 7.4 | 61.2 | 7.9 | 64.7 |
| AVERAGE OF PRECEDING 16 MEANS | | | 12.0 | 100.0 | 12.9 | 47.6 |
| LSD (P=.05) | | | 1.3 | 10.8 | 1.4 | 1.8 |
| LSD (P=.01) | | | 1.7 | 14.0 | 1.8 | 2.3 |
| COEFFICIENT OF VARIATION | | | 7.6 | 7.6 | 7.6 | 2.6 |

EXPERIMENT 6222 NATIONAL WHITE MOLD YIELD TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | WHITE MOLD(%) | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|--------|---------------------------------------|-----|--------------------|------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| B04316 | I01891/JAGUAR | 24 | 41.1 | 43.3 | 22.8 | 42.5 | 99.0 | 2.0 | 48.7 | 5.5 |
| B05055 | 34-27/JAGUAR*2//SEL 1308//HR45/KABOON | 19 | 40.1 | 36.7 | 22.4 | 41.5 | 104.0 | 2.0 | 54.7 | 5.4 |
| P04204 | P99119/G99750 | 39 | 27.3 | 66.7 | 42.1 | 40.5 | 93.6 | 2.1 | 48.0 | 5.1 |
| S00809 | R94142/X94076, SEDONA | 62 | 26.7 | 66.7 | 36.3 | 41.0 | 95.4 | 3.0 | 44.0 | 3.9 |
| N05305 | N00838/B98304//N00792 | 37 | 25.3 | 60.0 | 20.5 | 42.5 | 97.5 | 1.0 | 55.0 | 5.6 |
| I05101 | USDK-CBB-15 | 58 | 25.2 | 36.7 | 51.0 | 37.5 | 94.6 | 1.0 | 48.6 | 5.7 |
| N05304 | N00838/B98304//N00792 | 35 | 24.7 | 46.7 | 20.2 | 41.0 | 96.1 | 1.0 | 53.0 | 5.4 |
| B04591 | B00101 / B95556 *2/I93154 | 15 | 23.3 | 60.0 | 20.0 | 42.5 | 93.0 | 2.0 | 49.1 | 4.1 |
| S04505 | X99352//X99354/G93414 | 48 | 23.2 | 46.7 | 39.2 | 40.0 | 99.0 | 2.5 | 51.4 | 4.5 |
| N05311 | N03611/B01749 | 34 | 23.0 | 63.3 | 18.6 | 41.0 | 94.5 | 0.9 | 51.1 | 6.0 |
| P05405 | P94207/P00207//P99120 | 44 | 22.1 | 70.0 | 35.2 | 40.5 | 94.1 | 2.5 | 45.1 | 4.2 |
| B04412 | I01892/JAGUAR | 25 | 21.9 | 46.7 | 19.0 | 42.0 | 94.0 | 1.0 | 49.2 | 4.5 |
| P05448 | P99120/G93414//P00207 | 45 | 21.5 | 73.3 | 37.8 | 40.5 | 93.5 | 2.5 | 47.0 | 4.5 |
| R98026 | R94037/R94161, MERLOT | 63 | 21.5 | 60.0 | 36.3 | 41.0 | 98.5 | 3.0 | 47.1 | 3.0 |
| N04106 | I01893 / B98304 | 30 | 21.2 | 60.0 | 20.1 | 42.5 | 99.4 | 2.5 | 52.3 | 4.4 |
| B05005 | B00101 // B98306 / X01001 | 20 | 21.1 | 26.7 | 21.0 | 44.0 | 101.0 | 1.5 | 52.8 | 4.4 |
| B04554 | B00103 // B00103 / X00822 | 13 | 20.9 | 56.7 | 18.9 | 42.0 | 92.4 | 2.0 | 49.0 | 5.0 |
| B05010 | B98304 // B95204 *I93154 /3/B00101 | 21 | 20.9 | 43.3 | 19.0 | 42.0 | 93.0 | 1.5 | 49.6 | 4.9 |
| P05459 | P94207/P00207//P99120 | 42 | 20.8 | 70.0 | 32.4 | 41.0 | 92.0 | 2.0 | 51.1 | 4.6 |
| B05001 | 8690 | 12 | 20.3 | 50.0 | 21.0 | 43.0 | 97.5 | 1.5 | 48.8 | 4.4 |
| B04566 | B00103 // B95556 *2/I93154 | 17 | 20.3 | 53.3 | 19.4 | 43.5 | 93.5 | 1.0 | 48.5 | 4.0 |
| N02251 | JAGUAR/N97774 | 32 | 20.3 | 60.0 | 20.0 | 40.5 | 99.0 | 2.5 | 47.5 | 3.0 |
| B04541 | I01894/JAGUAR | 26 | 20.1 | 63.3 | 19.4 | 43.0 | 94.5 | 2.0 | 49.7 | 4.0 |
| B04311 | I01891/JAGUAR | 23 | 19.8 | 46.7 | 17.2 | 43.0 | 93.5 | 1.0 | 48.8 | 4.4 |
| B04561 | N99250 // B00135 / I00758 | 16 | 19.7 | 60.0 | 20.1 | 41.5 | 95.0 | 2.0 | 49.1 | 4.0 |
| P04205 | P99119/G99750 | 40 | 19.6 | 73.3 | 39.9 | 40.5 | 93.5 | 3.0 | 46.1 | 4.6 |
| I01892 | G24423/2*TACANA,115-11M,MEX.(BK) | 6 | 19.4 | 43.3 | 21.7 | 44.0 | 99.5 | 2.0 | 48.5 | 4.0 |
| P04202 | P99119/G99750 | 38 | 19.4 | 76.7 | 39.4 | 39.0 | 94.0 | 2.5 | 47.2 | 5.0 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 61 | 19.1 | 53.3 | 19.6 | 41.5 | 94.5 | 2.5 | 48.0 | 4.1 |
| B04567 | B00103 // B95556 *2/I93154 | 18 | 18.4 | 50.0 | 19.3 | 42.5 | 93.5 | 1.5 | 49.0 | 4.9 |
| N05308 | I01810/B02522 | 36 | 17.9 | 60.0 | 22.9 | 41.0 | 99.5 | 1.5 | 49.0 | 4.0 |
| I05052 | WM55 | 5 | 17.3 | 33.3 | 29.8 | 43.5 | 111.0 | 4.5 | 46.5 | 1.5 |
| N04109 | B98306 / X01002 | 28 | 17.2 | 50.0 | 19.5 | 40.5 | 96.5 | 1.0 | 52.0 | 5.5 |
| B95556 | B90211/N90616, JAGUAR | 29 | 17.2 | 60.0 | 18.3 | 41.5 | 94.0 | 1.5 | 48.5 | 4.0 |
| B04465 | I01894/JAGUAR | 27 | 16.9 | 60.0 | 17.9 | 44.0 | 95.0 | 2.0 | 48.5 | 3.4 |

EXPERIMENT 6222 NATIONAL WHITE MOLD YIELD TRIAL

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | WHITE MOLD(%) | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LODGING | HEIGHT | DES. SCORE |
|-------------------------------|---|-----|--------------------|------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| K03601 | CN49242/3*MONT//REDKLOUD, CHINOOK SELECT | 57 | 16.7 | 36.7 | 50.6 | 37.5 | 100.5 | 2.0 | 50.4 | 3.0 |
| I06276 | VA-19 | 4 | 16.5 | 20.0 | 48.5 | 37.0 | 110.0 | 1.5 | 50.5 | 2.0 |
| I05054 | CORNELL 605 | 10 | 16.5 | 43.3 | 39.0 | 42.5 | 105.0 | 2.5 | 48.4 | 2.4 |
| R02002 | R94026/X96024//R95429/X96034 | 47 | 16.2 | 80.0 | 31.7 | 41.0 | 95.0 | 2.0 | 50.9 | 4.0 |
| K03240 | REDHAWK 2*NEGRO SAN LUIS-140 | 59 | 16.1 | 40.0 | 46.4 | 37.0 | 98.0 | 2.0 | 46.3 | 2.8 |
| N97774 | BUNSI/HURON, SEAHAWK | 64 | 16.1 | 63.3 | 21.2 | 37.5 | 94.0 | 3.0 | 43.1 | 3.0 |
| G02453 | G99750/P97803 | 55 | 15.7 | 80.0 | 34.3 | 40.5 | 92.0 | 3.0 | 47.0 | 4.5 |
| N02237 | N97774/JAGUAR | 31 | 15.6 | 66.7 | 18.0 | 40.0 | 94.0 | 1.5 | 48.6 | 3.7 |
| I02545 | AN 37,(PINTO) | 11 | 14.9 | 73.3 | 32.1 | 39.0 | 92.0 | 2.0 | 46.0 | 3.5 |
| G04512 | G99750//G93414/N00904 | 56 | 14.9 | 66.7 | 34.9 | 39.0 | 95.0 | 2.0 | 50.9 | 4.9 |
| B04293 | I01893/JAGUAR | 22 | 14.8 | 33.3 | 17.9 | 43.5 | 92.1 | 1.0 | 49.5 | 3.5 |
| N04158 | N00820 / I00758 | 33 | 14.3 | 50.0 | 17.5 | 40.0 | 92.5 | 1.5 | 49.0 | 3.5 |
| P05463 | P94207*/G99750 | 43 | 14.2 | 73.3 | 31.4 | 40.5 | 92.5 | 2.5 | 47.4 | 4.0 |
| C99833 | CARDINAL/K94803, CAPRI | 60 | 14.1 | 60.0 | 50.8 | 35.0 | 92.0 | 2.0 | 48.6 | 4.1 |
| C05653 | X01020/C81008//C99804 | 50 | 14.0 | 60.0 | 46.6 | 36.5 | 94.0 | 2.0 | 47.0 | 4.1 |
| G05463 | P94207*/G99750 | 54 | 13.5 | 73.3 | 35.2 | 41.0 | 96.0 | 3.0 | 43.9 | 2.9 |
| I06278 | CORNELL 605 | 9 | 13.0 | 16.7 | 60.1 | 37.0 | 110.0 | 2.0 | 48.5 | 2.1 |
| G05219 | G93414/G99750 | 53 | 13.0 | 70.0 | 32.9 | 38.5 | 92.0 | 2.0 | 47.5 | 4.2 |
| B04587 | B95556 *4/I93154 | 14 | 12.4 | 53.3 | 16.8 | 41.0 | 92.5 | 1.5 | 48.0 | 3.4 |
| K04604 | K99974/I90013 | 51 | 12.3 | 66.7 | 46.1 | 36.0 | 90.0 | 2.5 | 48.9 | 3.9 |
| S05001 | G99750/S01809//S00809 | 49 | 11.9 | 90.0 | 32.6 | 39.0 | 93.0 | 5.0 | 40.0 | 1.1 |
| S02068 | USWA-61//89:411K/R93346 | 46 | 11.5 | 66.7 | 27.4 | 40.5 | 91.5 | 2.0 | 51.8 | 3.4 |
| P02633 | P99118/MATTERHORN | 41 | 11.4 | 83.3 | 34.3 | 40.0 | 91.9 | 3.0 | 46.3 | 3.0 |
| I06277 | CORNELL 603 | 7 | 10.9 | 40.0 | 42.8 | 37.0 | 100.5 | 1.0 | 45.8 | 3.9 |
| I96417 | G122 MAGNUSON(CRAN) | 1 | 10.4 | 30.0 | 33.5 | 36.0 | 104.6 | 1.5 | 48.5 | 2.1 |
| G02633 | P99118/MATTERHORN | 52 | 8.5 | 63.3 | 30.9 | 41.0 | 92.5 | 2.5 | 48.0 | 3.1 |
| I81010 | JAPON3/MAGDALENE, BUNSI | 3 | 8.1 | 76.7 | 18.8 | 40.0 | 95.5 | 3.0 | 43.6 | 3.1 |
| I05053 | CORNELL 604 | 8 | 7.0 | 23.3 | 34.6 | 41.0 | 110.0 | 4.5 | 42.0 | 1.5 |
| I89011 | RB(GN), BERYL | 2 | 6.0 | 90.0 | 31.4 | 37.0 | 92.0 | 5.0 | 40.1 | 0.9 |
| AVERAGE OF PRECEDING 64 MEANS | | | 18.1 | 56.5 | 29.6 | 40.5 | 96.2 | 2.1 | 48.3 | 3.9 |
| LSD (P=.05) | | | 4.5 | 17.7 | 2.6 | 0.9 | 2.1 | 0.5 | 2.1 | 0.7 |
| LSD (P=.01) | | | 5.9 | 23.4 | 3.4 | 1.2 | 2.8 | 0.7 | 2.7 | 0.9 |
| COEFFICIENT OF VARIATION | | | 15.3 | 19.4 | 5.4 | 1.4 | 1.4 | 15.2 | 2.7 | 10.9 |

EXPERIMENT 6223 WHITE MOLD GENETIC TEST

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | WHITE MOLD(%) | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LOGGING | HEIGHT | DES. SCORE |
|--------|--|-----|--------------------|------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| 8661 | TACANA*/PI 313850(L) | 27 | 19.4 | 60.0 | 20.3 | 44.1 | 96.1 | 0.9 | 53.5 | 4.7 |
| 181892 | G24423/2*TACANA,115-11M,MEX.(BK) | 39 | 18.9 | 30.0 | 20.2 | 44.0 | 96.5 | 1.0 | 53.0 | 4.0 |
| 8611 | TACANA*/PI 313850(L) | 17 | 18.7 | 60.0 | 19.4 | 42.9 | 94.8 | 1.0 | 54.0 | 4.6 |
| 8575 | TACANA*2/PI 318695(W) | 10 | 18.6 | 63.3 | 19.7 | 43.9 | 97.4 | 3.0 | 48.0 | 1.5 |
| 8574 | TACANA*2/PI 318695(W) | 9 | 17.4 | 43.3 | 18.7 | 42.5 | 97.5 | 1.5 | 53.0 | 3.9 |
| 8621 | TACANA*/PI 313850(L) | 18 | 17.3 | 36.7 | 20.2 | 42.4 | 97.7 | 1.5 | 54.0 | 2.7 |
| 8690 | TACANA*/PI 313850(L) | 33 | 17.1 | 56.7 | 20.4 | 42.0 | 95.0 | 1.5 | 54.0 | 3.7 |
| 8613 | TACANA*/PI 313850(L) | 51 | 16.3 | 56.7 | 19.0 | 43.9 | 95.0 | 1.0 | 53.0 | 4.4 |
| 8692 | TACANA*/PI 313850(L) | 57 | 16.3 | 56.7 | 19.3 | 42.5 | 96.5 | 1.0 | 54.0 | 4.6 |
| 8615 | TACANA*/PI 313850(L) | 52 | 16.3 | 60.0 | 18.5 | 42.5 | 95.0 | 1.0 | 54.0 | 3.8 |
| 8543 | TACANA*2/PI 318695(W) | 47 | 16.1 | 60.0 | 18.7 | 42.5 | 95.0 | 1.0 | 54.5 | 3.9 |
| 8642 | TACANA*/PI 313850(L) | 54 | 15.7 | 60.0 | 18.5 | 42.6 | 94.7 | 1.4 | 53.0 | 3.1 |
| 8629 | TACANA*/PI 313850(L) | 19 | 15.6 | 53.3 | 19.7 | 42.0 | 95.0 | 1.0 | 53.9 | 4.5 |
| 8670 | TACANA*/PI 313850(L) | 59 | 15.6 | 53.3 | 18.2 | 43.0 | 95.3 | 1.0 | 52.1 | 3.8 |
| 118-2 | TACANA*2/PI 318695(W) | 34 | 15.5 | 43.3 | 20.1 | 44.0 | 98.1 | 1.5 | 51.9 | 2.3 |
| 8683 | TACANA*/PI 313850(L) | 32 | 15.4 | 66.7 | 18.1 | 42.5 | 94.9 | 1.0 | 54.0 | 4.0 |
| 8677 | TACANA*/PI 313850(L) | 60 | 15.3 | 43.3 | 20.2 | 43.6 | 98.0 | 1.5 | 53.0 | 4.1 |
| 8563 | TACANA*2/PI 318695(W) | 7 | 14.8 | 56.7 | 19.2 | 42.1 | 94.9 | 0.9 | 54.0 | 4.1 |
| B90222 | N84004/B85009 (B89104 SEL), RAVEN | 37 | 14.8 | 60.0 | 17.1 | 42.0 | 94.1 | 1.0 | 54.0 | 4.0 |
| 8604 | TACANA*/PI 313850(L) | 15 | 14.2 | 50.0 | 18.9 | 43.0 | 94.9 | 1.0 | 54.0 | 4.0 |
| 8571 | TACANA*2/PI 318695(W) | 8 | 14.2 | 56.7 | 18.2 | 41.6 | 97.4 | 2.0 | 54.0 | 2.7 |
| 8671 | TACANA*/PI 313850(L) | 29 | 14.1 | 63.3 | 19.1 | 42.1 | 95.4 | 1.6 | 53.1 | 3.9 |
| 8655 | TACANA*/PI 313850(L) | 25 | 14.1 | 50.0 | 22.3 | 41.0 | 98.1 | 1.5 | 53.9 | 2.4 |
| 8535 | TACANA*2/PI 318695(W) | 5 | 14.1 | 56.7 | 17.5 | 42.4 | 94.8 | 2.0 | 53.0 | 2.5 |
| 8573 | TACANA*2/PI 318695(W) | 50 | 14.0 | 43.3 | 18.3 | 43.0 | 96.6 | 2.6 | 52.0 | 2.0 |
| 198402 | DOR390, TACANA (MEXICO) | 40 | 14.0 | 63.3 | 19.3 | 42.0 | 95.0 | 1.5 | 53.0 | 3.6 |
| 8685 | TACANA*/PI 313850(L) | 56 | 14.0 | 56.7 | 19.5 | 42.4 | 95.0 | 1.5 | 54.0 | 3.6 |
| 126-2 | TACANA*2/PI 318695(W) | 35 | 13.8 | 53.3 | 18.7 | 42.5 | 92.6 | 1.5 | 52.1 | 3.9 |
| 8599 | TACANA*2/PI 318695(W) | 13 | 13.8 | 60.0 | 15.8 | 43.5 | 97.4 | 2.5 | 53.0 | 2.3 |
| 8616 | TACANA*/PI 313850(L) | 58 | 13.6 | 56.7 | 18.2 | 42.5 | 95.0 | 1.0 | 53.0 | 3.6 |
| 8672 | TACANA*/PI 313850(L) | 30 | 13.6 | 46.7 | 20.1 | 42.9 | 95.0 | 2.0 | 51.0 | 2.8 |
| 8527 | TACANA*2/PI 318695(W) | 4 | 13.5 | 56.7 | 17.9 | 43.0 | 94.8 | 2.0 | 53.0 | 3.9 |
| 8666 | TACANA*/PI 313850(L) | 55 | 13.4 | 66.7 | 18.6 | 41.4 | 94.9 | 1.0 | 54.0 | 3.4 |
| 8659 | TACANA*/PI 313850(L) | 26 | 13.2 | 60.0 | 18.8 | 42.5 | 95.0 | 1.0 | 53.0 | 3.4 |
| 8556 | TACANA*2/PI 318695(W) | 46 | 13.1 | 43.3 | 17.1 | 43.9 | 97.5 | 2.0 | 52.0 | 2.4 |

EXPERIMENT 6223 WHITE MOLD GENETIC TEST

DATE 06/12/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | WHITE MOLD(%) | 100 SEED WT. | DAYS TO FLOWER | DAYS TO MATURITY | LOGGING | HEIGHT | DES. SCORE |
|-------------------------------|--------------------------------|-----|--------------------|------------------|-----------------|-------------------|---------------------|---------|--------|---------------|
| 8515 | TACANA*2/PI 318695(W) | 2 | 13.0 | 63.3 | 18.3 | 43.1 | 95.9 | 2.5 | 52.0 | 3.0 |
| 139-1 | TACANA*2/PI 318695(W) | 36 | 12.8 | 63.3 | 19.2 | 42.0 | 94.8 | 2.0 | 53.0 | 2.8 |
| 8558 | TACANA*2/PI 318695(W) | 49 | 12.5 | 53.3 | 17.4 | 42.5 | 97.5 | 1.5 | 53.0 | 2.9 |
| 8509 | TACANA*2/PI 318695(W) | 1 | 12.3 | 46.7 | 17.3 | 42.6 | 96.3 | 1.5 | 53.5 | 3.7 |
| 8636 | TACANA*/PI 313850(L) | 22 | 12.3 | 40.0 | 19.4 | 42.5 | 96.8 | 1.1 | 52.1 | 3.9 |
| 8540 | TACANA*2/PI 318695(W) | 6 | 12.0 | 83.3 | 16.5 | 43.6 | 94.8 | 3.0 | 50.0 | 1.6 |
| 8523 | TACANA*2/PI 318695(W) | 3 | 11.9 | 46.7 | 18.7 | 43.0 | 98.1 | 1.5 | 54.0 | 3.2 |
| 8580 | TACANA*2/PI 318695(W) | 11 | 11.9 | 66.7 | 18.3 | 42.0 | 95.1 | 0.9 | 54.0 | 4.1 |
| 8622 | TACANA*/PI 313850(L) | 53 | 11.9 | 60.0 | 19.1 | 42.0 | 96.5 | 1.1 | 54.0 | 2.0 |
| 8679 | TACANA*/PI 313850(L) | 31 | 11.7 | 50.0 | 26.1 | 41.0 | 98.0 | 1.5 | 54.0 | 2.6 |
| 8530 | TACANA*2/PI 318695(W) | 45 | 11.7 | 66.7 | 16.6 | 43.4 | 94.8 | 1.0 | 54.0 | 4.0 |
| 8668 | TACANA*/PI 313850(L) | 28 | 11.4 | 60.0 | 19.7 | 42.1 | 96.8 | 1.0 | 53.0 | 2.3 |
| 8601 | TACANA*/PI 313850(L) | 14 | 11.2 | 46.7 | 20.1 | 41.5 | 95.7 | 1.0 | 52.0 | 2.8 |
| 8596 | TACANA*2/PI 318695(W) | 12 | 11.2 | 63.3 | 18.1 | 42.4 | 94.9 | 1.5 | 54.0 | 3.0 |
| 8653 | TACANA*/PI 313850(L) | 24 | 11.0 | 53.3 | 19.4 | 43.1 | 96.7 | 1.5 | 53.4 | 3.5 |
| 8557 | TACANA*2/PI 318695(W) | 61 | 10.7 | 60.0 | 18.7 | 41.9 | 98.9 | 2.5 | 53.0 | 1.7 |
| 8503 | TACANA*2/PI 318695(W) | 48 | 10.4 | 46.7 | 17.4 | 42.5 | 98.0 | 2.0 | 51.0 | 2.0 |
| 8608 | TACANA*/PI 313850(L) | 16 | 10.3 | 46.7 | 18.1 | 44.0 | 95.4 | 0.9 | 54.0 | 4.0 |
| 8582 | TACANA*2/PI 318695(W) | 63 | 10.1 | 60.0 | 17.6 | 42.5 | 97.8 | 1.5 | 52.0 | 3.1 |
| 8638 | TACANA*/PI 313850(L) | 23 | 9.2 | 53.3 | 17.2 | 43.0 | 95.4 | 1.5 | 52.1 | 3.3 |
| 8564 | TACANA*2/PI 318695(W) | 42 | 9.2 | 46.7 | 17.8 | 43.0 | 96.6 | 1.0 | 53.0 | 3.1 |
| 8545 | TACANA*2/PI 318695(W) | 64 | 9.2 | 66.7 | 17.0 | 42.0 | 96.4 | 1.9 | 53.0 | 3.2 |
| 8544 | TACANA*2/PI 318695(W) | 62 | 7.8 | 76.7 | 14.8 | 41.9 | 95.8 | 2.5 | 52.0 | 2.5 |
| 8633 | TACANA*/PI 313850(L) | 20 | 7.3 | 60.0 | 20.0 | 42.1 | 94.8 | 1.5 | 53.0 | 3.1 |
| 8635 | TACANA*/PI 313850(L) | 21 | 7.0 | 70.0 | 20.5 | 41.6 | 96.9 | 2.1 | 52.0 | 2.2 |
| 8529 | TACANA*2/PI 318695(W) | 41 | 6.9 | 66.7 | 17.3 | 42.0 | 95.1 | 2.5 | 52.0 | 2.4 |
| 8522 | TACANA*2/PI 318695(W) | 44 | 6.4 | 70.0 | 14.6 | 41.0 | 95.1 | 1.5 | 52.0 | 2.7 |
| 8561 | TACANA*2/PI 318695(W) | 43 | 6.2 | 26.7 | 15.2 | 44.0 | 99.1 | 2.5 | 53.0 | 1.0 |
| 181010 | JAPON3/MAGDALENE, BUNSI | 38 | 5.0 | 83.3 | 18.9 | 41.0 | 95.1 | 3.0 | 50.0 | 1.8 |
| AVERAGE OF PRECEDING 64 MEANS | | | 13.0 | 56.3 | 18.6 | 42.6 | 96.0 | 1.6 | 52.9 | 3.2 |
| LSD (P=.05) | | | 4.1 | 17.6 | 1.9 | 0.7 | 1.7 | 0.6 | 1.3 | 0.9 |
| LSD (P=.01) | | | 5.4 | 23.2 | 2.4 | 0.9 | 2.2 | 0.7 | 1.6 | 1.1 |
| COEFFICIENT OF VARIATION | | | 19.5 | 19.3 | 6.1 | 1.0 | 1.1 | 22.3 | 1.4 | 16.8 |

EXPERIMENT 6224 LEAFHOPPER TOLERANCE YIELD TRIAL

DATE 06/13/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | PERCENT SITE MEAN | LBS/ACRE /DAY | 100 SEED WT. | DAYS TO FLOWER |
|--------|--|-----|--------------------|----------------------|------------------|-----------------|-------------------|
| B05055 | 34-27/JAGUAR*2/SEL 1308//HR45/KABOON | 19 | 30.1 | 276.4 | 28.7 | 18.8 | 41.5 |
| B04316 | I01891/JAGUAR | 24 | 27.7 | 254.3 | 28.5 | 17.3 | 41.0 |
| B05005 | B00101 // B98306 / X01001 | 20 | 16.6 | 152.7 | 17.3 | 17.4 | 42.0 |
| B05010 | B98304 // B95204 */I93154 /3/B00101 | 21 | 16.6 | 152.1 | 19.5 | 16.9 | 41.0 |
| N05304 | N00838/B98304//N00792 | 35 | 15.8 | 144.8 | 19.1 | 16.6 | 40.5 |
| P05405 | P94207/P00207//P99120 | 44 | 15.2 | 139.5 | 17.5 | 32.4 | 40.0 |
| B04311 | I01891/JAGUAR | 23 | 14.3 | 131.4 | 16.4 | 15.4 | 42.0 |
| N04109 | B98306 / X01002 | 28 | 14.3 | 131.4 | 15.6 | 16.3 | 41.0 |
| B04412 | I01892/JAGUAR | 25 | 14.2 | 130.0 | 15.9 | 16.5 | 40.5 |
| S04505 | X99352//X99354/G93414 | 48 | 14.0 | 128.7 | 15.8 | 37.3 | 39.0 |
| I05101 | USDK-CBB-15 | 58 | 14.0 | 128.4 | 16.3 | 42.1 | 37.0 |
| B04591 | B00101 / B95556 *2/I93154 | 15 | 13.8 | 127.0 | 17.8 | 16.3 | 40.9 |
| R98026 | R94037/R94161, MERLOT | 63 | 13.8 | 126.8 | 13.7 | 35.6 | 40.0 |
| I01892 | G24423/2*TACANA, 115-11M , MEX.(BK) | 6 | 13.4 | 123.0 | 14.8 | 18.3 | 41.0 |
| B04293 | I01893/JAGUAR | 22 | 13.3 | 122.4 | 14.7 | 16.8 | 40.5 |
| N05305 | N00838/B98304//N00792 | 37 | 13.0 | 119.2 | 16.7 | 15.8 | 41.5 |
| I81066 | SEL-BTS, T39 | 50 | 12.9 | 118.7 | 15.7 | 17.4 | 41.5 |
| P04205 | P99119/G99750 | 40 | 12.7 | 117.0 | 14.8 | 39.1 | 40.0 |
| B04587 | B95556 *4/I93154 | 14 | 12.7 | 116.6 | 15.5 | 16.2 | 41.5 |
| B04566 | B00103 // B95556 *2/I93154 | 17 | 12.7 | 116.6 | 14.3 | 16.5 | 41.0 |
| P86299 | PRS- C3S3, SIERRA | 4 | 12.6 | 115.7 | 11.7 | 31.5 | 41.4 |
| B04567 | B00103 // B95556 *2/I93154 | 18 | 12.6 | 115.5 | 14.6 | 17.6 | 41.5 |
| B05001 | 8690 | 12 | 12.6 | 115.5 | 12.6 | 17.6 | 41.5 |
| P04204 | P99119/G99750 | 39 | 12.5 | 114.9 | 16.0 | 42.7 | 42.0 |
| B04554 | B00103 // B00103 / X00822 | 13 | 12.5 | 114.6 | 17.3 | 16.9 | 41.0 |
| N05311 | N03611/B01749 | 34 | 12.4 | 113.8 | 15.7 | 14.7 | 40.5 |
| N04158 | N00820 / I00758 | 33 | 12.3 | 113.3 | 13.5 | 17.6 | 40.5 |
| B04465 | I01894/JAGUAR | 27 | 11.8 | 108.7 | 13.1 | 14.7 | 41.0 |
| R02002 | R94026/X96024//R95429/X96034 | 47 | 11.8 | 108.0 | 12.4 | 31.0 | 41.0 |
| P05459 | P94207/P00207//P99120 | 42 | 11.7 | 107.7 | 13.7 | 30.0 | 40.5 |
| B00101 | PHANTOM/BLACKJACK, CONDOR | 61 | 11.6 | 106.7 | 12.5 | 16.9 | 41.5 |
| B04561 | N99250 // B00135 / I00758 | 16 | 11.4 | 104.9 | 11.6 | 17.2 | 41.0 |
| P04202 | P99119/G99750 | 38 | 11.2 | 102.6 | 14.2 | 32.5 | 38.5 |
| B04541 | I01894/JAGUAR | 26 | 11.0 | 100.7 | 12.3 | 16.3 | 41.0 |
| N04106 | I01893 / B98304 | 30 | 10.9 | 100.0 | 13.0 | 17.3 | 41.0 |

EXPERIMENT 6224 LEAFHOPPER TOLERANCE YIELD TRIAL

DATE 06/13/06

| ENTRY | NAMES | NO. | YIELD CWT /ACRE | PERCENT SITE MEAN | LBS/ACRE /DAY | 100 SEED WT. | DAYS TO FLOWER |
|-------------------------------|--|-----|--------------------|----------------------|------------------|-----------------|-------------------|
| S00809 | R94142/X94076, SEDONA | 62 | 10.8 | 98.9 | 13.0 | 31.5 | 40.0 |
| I02545 | AN 37,(PINTO) | 11 | 10.7 | 98.7 | 11.4 | 29.7 | 37.1 |
| B95556 | B90211/N90616, JAGUAR | 29 | 9.9 | 91.1 | 11.1 | 15.6 | 40.5 |
| P05448 | P99120/G93414//P00207 | 45 | 9.9 | 90.9 | 12.9 | 34.8 | 41.0 |
| N02251 | JAGUAR/N97774 | 32 | 9.7 | 89.2 | 10.4 | 18.1 | 41.0 |
| I05052 | WM55 | 5 | 9.3 | 85.8 | 11.0 | 25.5 | 41.0 |
| N02237 | N97774/JAGUAR | 31 | 9.3 | 85.1 | 9.4 | 15.6 | 38.0 |
| N97774 | BUNSI/HURON, SEAHAWK | 64 | 8.9 | 81.9 | 9.8 | 20.1 | 38.0 |
| I05054 | CORNELL 605 | 10 | 8.7 | 79.6 | 7.9 | 32.6 | 39.9 |
| P05463 | P94207*/G99750 | 43 | 8.6 | 79.3 | 10.3 | 28.4 | 39.5 |
| G04512 | G99750//G93414/N00904 | 56 | 8.1 | 74.6 | 8.9 | 32.6 | 38.6 |
| N05308 | I01810/B02522 | 36 | 8.1 | 74.0 | 9.1 | 18.8 | 41.5 |
| G05463 | P94207*/G99750 | 54 | 7.8 | 71.8 | 8.5 | 27.5 | 40.5 |
| G02453 | G99750/P97803 | 55 | 7.6 | 70.2 | 9.7 | 31.8 | 38.0 |
| C99833 | CARDINAL/K94803, CAPRI | 60 | 7.2 | 65.9 | 8.6 | 46.8 | 36.0 |
| K03240 | REDHAWK 2*NEGRO SAN LUIS-140 | 59 | 7.0 | 64.5 | 6.8 | 37.7 | 37.0 |
| G05219 | G93414/G99750 | 53 | 6.9 | 63.6 | 9.1 | 32.3 | 38.0 |
| P89430 | 81-12034/P86297, AZTEC | 7 | 6.7 | 61.4 | 7.5 | 32.8 | 37.6 |
| S02068 | USWA-61//89:411K/R93346 | 46 | 6.5 | 60.0 | 7.0 | 25.1 | 38.0 |
| K03601 | CN49242/3*MONT//REDKLOUD, CHINOOK SELECT | 57 | 6.2 | 56.6 | 6.3 | 37.8 | 38.0 |
| P02633 | P99118/MATTERHORN | 41 | 5.5 | 50.2 | 5.7 | 30.5 | 39.0 |
| I96417 | G122 MAGNUSON(CRAN) | 1 | 5.1 | 46.4 | 4.6 | 28.4 | 37.0 |
| G02633 | P99118/MATTERHORN | 52 | 4.9 | 45.3 | 5.3 | 28.8 | 38.5 |
| I05053 | CORNELL 604 | 8 | 4.7 | 42.7 | 3.9 | 28.8 | 40.5 |
| S05001 | G99750/S01809//S00809 | 49 | 4.5 | 41.5 | 5.9 | 31.1 | 40.5 |
| K04604 | K99974/I90013 | 51 | 4.3 | 39.6 | 4.8 | 40.9 | 36.5 |
| I81010 | JAPON3/MAGDALENE, BUNSI | 3 | 3.9 | 35.6 | 3.7 | 17.7 | 36.5 |
| I84002 | NW410//VICTOR/AURORA,GH215,USDA-WA, OTHELLO | 9 | 3.1 | 28.5 | 2.8 | 32.3 | 36.5 |
| I89011 | RB(GN), BERYL | 2 | 3.0 | 27.5 | 4.0 | 26.8 | 37.0 |
| AVERAGE OF PRECEDING 64 MEANS | | | 10.9 | 100.0 | 12.2 | 25.2 | 39.8 |
| LSD (P=.05) | | | 3.8 | 34.8 | 3.1 | 2.2 | 0.9 |
| LSD (P=.01) | | | 4.9 | 45.3 | 4.0 | 2.9 | 1.1 |
| COEFFICIENT OF VARIATION | | | 21.3 | 21.3 | 15.5 | 5.5 | 1.3 |