|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 1: NC7 Distributions for Period 2007-2011\*** | | | | | | |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **5 Yr** | **Percent** |
| **Region** |  | **2007** | **2008** | **2009** | **2010** | **2011** | **Total** | **of TotalŦ** |
|  |  |  |  |  |  |  |  |  |
| **North Central** | | 7218 | 9264 | 10927 | 9252 | 8761 | 45422 | 35 (50) |
| **Northeast** | | 1230 | 1735 | 2587 | 2690 | 1732 | 9974 | 8 (11) |
| **Southern** |  | 3433 | 3560 | 4096 | 3515 | 5658 | 20262 | 16 (22) |
| **Western** |  | 2611 | 3546 | 3828 | 3789 | 2023 | 15797 | 12 (17) |
|  |  |  |  |  |  |  |  |  |
| **Domestic Totals:** | | **14492** | **18105** | **21438** | **19246** | **18174** | **91455** | **71** |
|  |  |  |  |  |  |  |  |  |
| **International:** | | 7765 | 6719 | 5539 | 7789 | 9756 | 37568 | 29 |
|  |  |  |  |  |  |  |  |  |
| **Total Distributions:** | | **22257** | **24824** | **26977** | **27035** | **27930** | **129023** | **100** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| \* As of October 28, 2011 | | |  |  |  |  |  |  |
| Ŧ First number represents percent of total distributions; number in ( ) as percent of domestic distributions. | | | | | | | | |
| Note: Distribution numbers include seed and ornamental plant units. | | | | | | |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 2: NC7 & NPGS (Non-Genetic Stocks) Packet/Plant Distributions 2007-2011,\* by Region** | | | | | | | | | | |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **2007** | | | **2008** | | | **2009** | | |  |  |
| **Region** |  | **NC7** | **NPGS** | **NC7 % of** | **NC7** | **NPGS** | **NC7 % of** | **NC7** | **NPGS** | **NC7 % of** |  |  |
|  |  |  |  | **NPGS** |  |  | **NPGS** |  |  | **NPGS** |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |  |
| **North Central** | | 7218 | 24944 | **29** | 9264 | 30914 | **30** | 10927 | 30835 | **35** |  |  |
| **Northeast** | | 1230 | 12690 | **10** | 1735 | 14246 | **12** | 2587 | 11495 | **23** |  |  |
| **Southern** |  | 3433 | 27179 | **13** | 3560 | 26503 | **13** | 4096 | 34587 | **12** |  |  |
| **Western** |  | 2611 | 21935 | **12** | 3546 | 30091 | **12** | 3828 | 44859 | **9** |  |  |
| APO |  |  |  |  |  |  |  |  | 19 | **0** |  |  |
| **Domestic Totals:** | | **14492** | **86748** | **17** | **18105** | **101754** | **18** | **21438** | **121795** | **18** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **International:** | | 7765 | 65109 | **12** | 6719 | 54246 | **12** | 5924 | 61755 | **10** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total Distributions:** | | **22257** | **151857** | **15** | **24824** | **156000** | **16** | **27362** | **183550** | **15** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **2010** | | | **2011\*\*** | | | **7 YR TOTAL** | | |  |  |
| **Region** |  | **NC7** | **NPGS** | **NC7 % of** | **NC7** | **NPGS** | **NC7 % of** | **NC7** | **NPGS** | **NC7 % of** | **Region %** | **%NC7** |
|  |  |  |  | **NPGS** |  |  | **NPGS** |  |  | **NPGS** | **of NPGS** | **by Region** |
|  | |  |  |  |  |  |  |  |  |  |  |  |
| **North Central** | | 9252 | 28876 | **32** | 8761 | 41726 | **21** | 45422 | 157295 | **29** | 29 | **50** |
| **Northeast** | | 2690 | 11622 | **23** | 1732 | 8072 | **21** | 9974 | 58125 | **17** | 11 | **11** |
| **Southern** |  | 3515 | 32731 | **11** | 5658 | 33822 | **17** | 20262 | 154822 | **13** | 28 | **22** |
| **Western** |  | 3789 | 50477 | **8** | 2023 | 30273 | **7** | 15797 | 177635 | **9** | 32 | **17** |
| APO |  |  |  |  |  |  |  | 0 | 19 | **0** | 0 | **0** |
| **Domestic Totals:** | | **19246** | **123706** | **16** | **18174** | **113893** | **16** | **91455** | **547896** | **17** | 100 | **100** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **International:** | | 7789 | 59500 | **13** | 9756 | 49901 | **20** | 9756 | 49901 | **20** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total Distributions:** | | **27035** | **183206** | **15** | **27930** | **163794** | **17** | **101211** | **597797** | **17** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \* Complete year summaries from 2007 through 2010. Partial year for 2011 data. | | | | | | | | |  |  |  |  |
| \*\* Partial year for 2011 data; from Jan 01, 2011 - Oct 28, 2011 (when stats were run). | | | | | | | | |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 3: Germplasm Distributions, All NPGS, 2005-2010** | | | | |  |  |  |  |
| **SITE - Non-Genetic Stocks Collections** | **2005** | **2006** | **2007** | **2008** | **2009** | **2010** | **6 Yr Totals** | **% of NPGS Sub-Total** |
| Brownwood, TX |  |  |  |  |  |  | 0 | 0.0 |
| Corvallis, OR | 4250 | 3384 | 4639 | 4922 | 4769 | 5821 | 27785 | 3.1 |
| Cotton - College Station, TX | 1371 | 4108 | 1657 | 2080 | 2408 | 1767 | 13391 | 1.5 |
| Davis, CA | 3116 | 4082 | 4773 | 4288 | 5462 | 4343 | 26064 | 2.9 |
| Nat. Germplasm Rep, Geneva, NY | 5261 | 9590 | 10794 | 8289 | 4638 | 5410 | 43982 | 4.9 |
| Hilo, HI | 349 | 220 | 241 | 155 | 118 | 211 | 1294 | 0.1 |
| Mayaguez, PR | 65 | 65 | 59 | 111 | 63 | 90 | 453 | 0.1 |
| Miami, FL | 196 | 324 | 283 | 355 | 350 | 320 | 1828 | 0.2 |
| National Arboretum, Glendale, MD |  |  |  |  |  | 115 | 115 | 0.0 |
| NC-7, Ames, IA | 22474 | 26079 | 22257 | 24824 | 27362 | 27035 | 150031 | 16.7 |
| NE-9, Geneva, NY | 2400 | 7449 | 3460 | 3449 | 3756 | 5896 | 26410 | 2.9 |
| NR6, Sturgeon Bay, WI | 2714 | 2320 | 2752 | 2676 | 2463 | 2902 | 15827 | 1.8 |
| NSGC, Natl. Small Grains, Aberdeen, ID\* | 20404 | 22190 | 43853 | 39826 | 40390 | 53092 | 219755 | 24.4 |
| NCGRP, Ft. Collins, CO | 2907 | 747 | 136 | 112 | 325 | 169 | 4396 | 0.5 |
| OPGC, Columbus, OH | 631 | 622 | 431 | 457 | 742 | 427 | 3310 | 0.4 |
| Parlier, CA | 401 | 424 | 159 | 618 | 380 | 532 | 2514 | 0.3 |
| Plant Exchange Office, Beltsville, MD |  |  |  |  |  |  | 0 | 0.0 |
| Riverside, CA | 1 |  |  | 1 |  |  | 2 | 0.0 |
| S-9, Griffin, GA | 16834 | 18705 | 25627 | 31003 | 38953 | 27924 | 159046 | 17.7 |
| Soybean, Urbana, IL | 1766 | 8627 | 7406 | 2581 | 15838 | 18718 | 54936 | 6.1 |
| Tobacco, Raleigh, NC |  | 883 | 423 |  |  |  | 1306 | 0.1 |
| W-6, Pullman, WA | 23782 | 21215 | 22116 | 27575 | 32572 | 20861 | 148121 | 16.4 |
| **Sub-Total** | **108922** | **131034** | **151066** | **153322** | **180589** | **175633** | **900566** | 89.7 |
|  |  |  |  |  |  |  |  |  |
| **Site - Genetic Stocks Collections** |  |  |  |  |  |  |  | **% of GEN Stocks** |
| GSHO (Barley Gen Stocks), Aberdeen, ID\* |  |  |  |  |  |  |  |  |
| GSOR (Rice Gen Stocks), Stuttgart, AR |  |  | 729 | 2631 | 2755 | 6940 | 13055 | 12.6 |
| GSPI (Pea Gen Stocks), Pullman, WA | 17 | 31 | 61 | 88 | 170 | 53 | 420 | 0.4 |
| GSTR (Wheat Gen Stocks) Aberdeen, IA\* |  |  |  |  |  |  |  |  |
| GSZE (Maize Gen Stocks) Urbana, ILŦ | 3216 | 3811 | 455 | 32046 | 12491 | 8801 | 60820 | 58.7 |
| Tomato Gen Stocks, Davis, CA | 4447 | 5467 | 4640 | 5142 | 4713 | 4847 | 29256 | 28.3 |
| **Sub-Total Genetic Stocks** | 7680 | 9309 | 5885 | 39907 | 20129 | 20641 | 103551 | 10.3 |
|  |  |  |  |  |  |  |  |  |
| **Total - All Types** | **116,602** | **140,343** | **156,951** | **193,229** | **200,718** | **196,274** | **1,004,117** | 100 |
| Year 2011 not included due to partial results. Stats run on Oct 31, 2011. | | |  |  |  |  |  |  |
| \*  NSGC statistics include barley and wheat genetic stocks distributions | | |  |  |  |  |  |  |
| Ŧ 2008 distributiosn reflect availability of the maize Nested Association Mapping Project's 5,000 RIL set | | | | |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 4: NC-7 Project Funding, 2007-2011** | | | | | | | | | | |
| **Basic Budget** | **NC7 FY061** | **NC7 FY07** | **NC7 FY08** |  | **NC7 FY092** | **NC7 FY103** | **NC7 FY11 Proj4** |  | **USDA-ARS**  **FY09  5,6** | **USDA-ARS**  **FY11 7** |
| **Personnel: salaried** | 434,000 | 457,765 | 471,500 |  | 481,900 | 450,306 | 463,815 |  | 1,531,460 | 1,492,387 |
| **Personnel: hourly** | 10,000 | 5,160 | 5,200 |  | 1,390 | 814 | 14,000 |  | 348,940 | 285,000 |
| **Utilities** | 0 | 0 | 12,640 |  | 0 | 0 | 0 |  | 110,000 | 118,000 |
| **Travel** | 24,000 | 24,000 | 20,500 |  | 14,390 | 6,614 | 10,000 |  | 45,000 | 33,000 |
| **Equipment and Supplies** | 55,762 | 18,580 | 4,840 |  | 36,600 | 10,810 | 11,585 |  | 104,300 | 55,992 |
| **Research Support Agreement** | 0 | 0 | 0 |  | 0 | 0 | 0 |  | 14,000 | 12,000 |
| **Specific Coop Agreements** | 0 | 0 | 0 |  | 0 | 0 | 0 |  | 0 | 0 |
| **Contracts and other Services** | 4,500 | 12,157 | 4,800 |  | 375 | 623 | 55,150 |  | 27,600 | 17,300 |
| **Repair & Maintenance** | 0 | 5,318 | 3,500 |  | 4,300 | 657 | 7,500 |  | 10,000 | 10,000 |
| **Other Indirect Research Costs** |  |  |  |  |  |  |  |  | 120,000 | 123,500 |
| **Offsets from Other Sources** |  |  |  |  | -23,675 | -7,250 | -10,900 |  | -245,000 | -55000 |
| **Negative Starting Balance** |  |  |  |  | 7700 |  |  |  |  |  |
| **Totals** | **528,262** | **522,980** | **522,980** |  | **522,980** | **462,574** | **551,150** |  | **2,066,300** | **2,092,179** |
|  |  |  |  |  |  |  |  |  |  |  |
| **Base Funds** | **528,262** | **522,980** | **522,980** |  | **522,980** | **522,980** | **522,980** |  | **2,066,297** | ? |
|  |  |  |  |  |  |  |  |  |  |  |
| 1 Reflects staffing 10 positions of 12 authorized; average 3% salary increase; addition of 1 student FTE; irrigation H2O charges; 11% overall increase | | | | | | | | | | |
| 2 Reflects staffing of 10 positions of 12 authorized; 0% salary increase over FY09; $5800 offset from Marek/Knapp Helianthus biomass grant | | | | | | | | | | |
| 3,4 Nine NC-7 funded staff positions; 3% salary increase projected for FY11, 0% for FY10; $23,675 offset from Marek/Knapp grant in 09, $7,250 in 2010, $10,900 in 2011; | | | | | | | | | | |
| 5 FY09:PIRU CRIS base funds flat since FY04; reduction proposed from 19 to 16 FTE student labor; IRC include phones, data, service contracts, facility maintenance | | | | | | | | | | |
| 6 FY10: Offsets from $15,000 Sclerotinia initiative; $44,300 NIH; $185,000 GEM funds for students, sharing of utilities, IRC, etc | | | | | | | | | | |
| 7  FY11: Projected reducted in student FTE expenditures; offsets from Sclerotinia grant; Buckler CRIS; GEM CRIS | | | | | | | | | | |

**Appendix Table 5: Iowa State University Contributions to the NCRPIS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **FY04** | **FY05** | **FY06** | **FY07** | **FY08** | **FY09 Estimated** |
| Salaries | 0 | 0 | 0 | 0 | 0 | 0 |
| Benefits | 135,733 | 156,720 | 161,4211 | 166,2641 | 180,220 | 194,306 |
| Facilities off-campus | 81,488 | 83,933 | 86,451 | 89,045 | 91,716 | 94,467 |
| Facilities on-campus | 114,943 | 118,391 | 121,943 | 125,601 | 129,369 | 133,250 |
| Farm residence | 13,600 | 14,008 | 14,428 | 14,861 | 15,307 | 15,766 |
| Totals | 345,764 | 373,052 | 384,243 | 395,771 | 407,644 | 419,873 |

1 Benefits amount lower than originally projected due to position vacancies

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 6: Summary of Collection Status 2007 - 2011** | | | | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **CURATOR** | **GENUS\_CROP** | **# of Acc 2007** | **# of Acc 2011** |  | **# of Acc Acquired** |  | **% Avail 2007** | **% Avail 2011** | **# Avail 2011** | **Change in %**  **Available** | **% Backed Up 2007** | **% Backed Up 2011** |
| **Brenner** | NC7-amaranth | 3329 | 3387 |  | 58 |  | 96 | 95 | 3208 | (1) | 96 | 97 |
|  | NC7-celosia | 54 | 57 |  | 3 |  | 52 | 60 | 34 | 8 | 57 | 61 |
|  | NC7-echinochloa | 304 | 306 |  | 2 |  | 81 | 84 | 257 | 3 | 86 | 86 |
|  | NC7-grasses | 121 | 127 |  | 6 |  | 63 | 65 | 82 | 2 | 64 | 67 |
|  | NC7-legumes | 235 | 246 |  | 11 |  | 46 | 46 | 112 | 0 | 74 | 71 |
|  | NC7-melilotus | 972 | 1002 |  | 30 |  | 75 | 77 | 769 | 2 | 82 | 84 |
|  | NC7-panicum | 947 | 933 |  | (14) |  | 96 | 98 | 910 | 2 | 97 | 98 |
|  | NC7-perilla | 23 | 25 |  | 2 |  | 96 | 92 | 23 | (4) | 96 | 92 |
|  | NC7-quinoa | 274 | 350 |  | 76 |  | 75 | 76 | 267 | 1 | 76 | 81 |
|  | NC7-setaria | 1010 | 1015 |  | 5 |  | 90 | 93 | 940 | 3 | 94 | 95 |
|  | NC7-spinach | 401 | 406 |  | 5 |  | 88 | 97 | 393 | 9 | 93 | 96 |
|  | NC7-umbels | 1101 | 1144 |  | 43 |  | 50 | 61 | 696 | 11 | 53 | 61 |
| **Brenner Total** | | **8771** | **8998** |  | **227** |  | **84** | **85** | **7691** | **1** | **87** | **88** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Marek** | NC7-asters | 360 | 364 |  | 4 |  | 29 | 24 | 87 | (5) | 23 | 27 |
|  | NC7-brassica | 2002 | 2009 |  | 7 |  | 88 | 92 | 1857 | 4 | 98 | 99 |
|  | NC7-crucifers | 1202 | 1181 |  | (21) |  | 76 | 84 | 987 | 8 | 79 | 86 |
|  | NC7-crucifers.pvp | 1 | 1 |  | 0 |  | 0 | 0 | 0 | 0 | 100 | 100 |
|  | NC7-cuphea | 651 | 639 |  | (12) |  | 78 | 80 | 512 | 2 | 89 | 91 |
|  | NC7-euphorbia | 220 | 208 |  | (12) |  | 21 | 42 | 87 | 21 | 24 | 40 |
|  | NC7-flax | 2834 | 2834 |  | 0 |  | 99 | 100 | 2820 | 1 | 100 | 100 |
|  | NC7-flax.wilds | 161 | 120 |  | (41) |  | 47 | 77 | 92 | 30 | 45 | 77 |
|  | NC7-sun.cults | 1707 | 1823 |  | 116 |  | 93 | 95 | 1730 | 2 | 96 | 96 |
|  | NC7-sun.wilds.ann | 1369 | 1394 |  | 25 |  | 87 | 95 | 1321 | 8 | 88 | 95 |
|  | NC7-sun.wilds.per | 773 | 891 |  | 118 |  | 53 | 64 | 567 | 11 | 55 | 63 |
|  | NC7-sun.wilds.sp | 10 | 8 |  | (2) |  | 50 | 50 | 4 | 0 | 50 | 75 |
| **Marek Total** |  | **11290** | **11472** |  | **182** |  | **83** | **88** | **10064** | **5** | **87** | **90** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Med's Total** | NC7-medicinals | **446** | **495** |  | **49** |  | **60** | **71** | **350** | **11** | **62** | **68** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Appendix Table 6: Summary of Collection Status 2007 – 2011 (continued)** | | | | | | | | |  |  |  |  |
|  | | | | | | | |  |  |  |  |  |
| **CURATOR** | **GENUS\_CROP** | **# of Acc 2007** | **# of Acc 2011** |  | **# of Acc Acquired** |  | **% Avail 2007** | **% Avail 2011** | **# Avail 2011** | **Change in %**  **Available** | **% Backed Up 2007** | **% Backed Up 2011** |
| **Millard** | NC7-corn.kin | 34 | 36 |  | 2 |  | 18 | 17 | 6 | (1) | 24 | 25 |
|  | NC7-zea.totals | 19894 | 20505 |  | 611 |  | 64 | 66 | 13540 | 2 | 74 | 73 |
| **Millard Total** | | **19928** | **20541** |  | **613** |  | **64** | **66** | **13546** | **2** | **74** | **73** |
| **Reitsma** | NC7-chicory | 276 | 277 |  | 1 |  | 84 | 78 | 217 | (6) | 88 | 88 |
|  | NC7-cucumis.cucs | 1365 | 1376 |  | 11 |  | 93 | 95 | 1307 | 2 | 93 | 95 |
|  | NC7-cucumis.melo | 3111 | 3200 |  | 89 |  | 74 | 71 | 2260 | (3) | 81 | 79 |
|  | NC7-cucumis.wilds | 331 | 321 |  | (10) |  | 43 | 54 | 173 | 11 | 46 | 54 |
|  | NC7-cucurbita | 991 | 980 |  | (11) |  | 82 | 79 | 774 | (3) | 81 | 84 |
|  | NC7-daucus | 1129 | 1272 |  | 143 |  | 79 | 81 | 1025 | 2 | 84 | 82 |
|  | NC7-ocimum | 98 | 98 |  | 0 |  | 93 | 93 | 91 | (0) | 93 | 93 |
|  | NC7-parsnips | 70 | 71 |  | 1 |  | 73 | 72 | 51 | (1) | 67 | 68 |
| **Reitsma Total** | | **7371** | **7595** |  | **224** |  | **79** | **78** | **5898** | **(1)** | **82** | **83** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Widrlechner** | NC7-mints | 141 | 156 |  | 15 |  | 70 | 69 | 108 | (1) | 71 | 76 |
|  | NC7-ornamentals | 2024 | 2444 |  | 420 |  | 45 | 47 | 1146 | 2 | 37 | 43 |
| **Widrlechner Total** | | **2165** | **2600** |  | **435** |  | **47** | **48** | **1254** | **1** | **39** | **45** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **All Coll Total:** | | **49971** | **51701** |  | **1730** |  | **73** | **75** | **38803** | **2** | **79** | **79** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 7: Collection Maintenance, Characterization and Evaluation Activity Summary 2007-2011** | | | | | | | |
|  |  |  |  |  |  |
| **YEAR** | **Viability Testing** | **# Grown for Regeneration** | **# Obs Added to GRIN** | **# Accessions With Obs** | **# Images to GRIN** |
| 2007 | 2867 | 1204 | 35140 | 9824 | 1785 |
| 2008 | 2410 | 1443 | 32913 | 5963 | 963 |
| 2009 | 2922 | 1096 | 15689 | 1802 | 589 |
| 2010 | 2571 | 1203 | 17721 | 2527 | 1482 |
| 2011\* | 1353 | 518\*\* | 6901 | 2575 | 884 |
| **Total** | **12,123** | **4,946** | **108,364** | **22,691** | **5,703** |
|  |  |  |  |  |  |
| \* as of Oct 31, 2011 | |  |  |  |  |
| \*\* not all action codes entered for year at time of stats run. | | | | |  |