

| Variety Name | Source | entry # | replication # | Downy Mildew Rating 811 | Bacterial Wilt Rating 811 | Downy Mildew Rating 821 | Downy Mildew Rating 827 | Foliage Rating 908 |
|------------------------------------|---------------|---------|---------------|--------------------------|---|--------------------------|--------------------------|--------------------------|
| | | | | 9 is worst; 1 is best | 7 is worst; 1 is best ? = unsure if damage is from wilt | 9 is worst; 1 is best | 9 is worst; 1 is best | 9 is worst; 1 is best |
| Edisto 47 (NSL 34600) | NCRPIS | 1 | 1 | 3 | 4 | 3 | 3 | 5 |
| | | 1 | 3 | 3 | 2 | 3.5 | 4 | 5 |
| | | 1 | 2 | 3 | 2 | 3 | 4 | 5 |
| Gulfstream (NSL 60241) | NCRPIS | 2 | 1 | 4 | 3 | 6 | 7.5 | 8.5 |
| | | 2 | 3 | 3 | 2 | 5 | 6 | 8.5 |
| | | 2 | 2 | 3 | ? | 4.5 | 7 | 8.5 |
| Aurora (PI 601164) | NCRPIS | 3 | 1 | 4 | 1 | 5 | 6.5 | 8 |
| | | 3 | 2 | 3 | 2 | 4 | 6 | 7 |
| | | 3 | 3 | 2.5 | 3 | 5 | 6 | 7 |
| Poot Kharbuza (PI 116666) | NCRPIS | 4 | 1 | 5 | ? | 6 | 7 | 9 |
| | | 4 | 2 | 5 | ? | 6 | 7 | 8 |
| | | 4 | 3 | 3 | 1 | 5 | 6 | 9 |
| PI 124112 | NCRPIS | 5 | 2 | 4 | ? | 8 | 9 | 9 |
| | | 5 | 1 | 5 | ? | 6 | 7 | 8.5 |
| | | 5 | 3 | 3 | 1 | 2.5 | 3 | 4 |
| PI 123118 | NCRPIS | 7 | 1 | 7 | ? | 7 | 8 | 9 |
| | | 7 | 2 | 4 | 4 | 6.5 | 7.5 | 8.5 |
| | | 7 | 3 | 4 | 2 | 6 | 6.5 | 8 |
| PI 126006 | NCRPIS | 8 | 1 | 5 | ? | Dead | 9 | 9 |
| | | 8 | 3 | 4 | 7 | 8 | 9 | 9 |
| | | 8 | 2 | 4 | 7 | dead | 9 | 9 |
| PI 217974 | NCRPIS | 10 | 1 | 3 | 2 | 4 | 6 | 8 |
| | | 10 | 2 | 3 | 3 | 5 | 7 | 8.5 |
| | | 10 | 3 | 2.5 | 1 | 4.5 | 6 | 7.5 |
| PI 304743 | NCRPIS | 11 | 2 | 2.5 | 5 | 5 | 7.5 | 9 |
| | | 11 | 3 | 2 | 7 | 4 | 9 | 9 |
| | | 11 | 1 | 2 | 7 | 4 | 8 | 9 |
| PI 307588 | NCRPIS | 12 | 1 | 4 | 4 | 5 | 8 | 9 |
| | | 12 | 2 | 2 | 6 | 3 | 6 | 8.5 |
| | | 12 | 3 | 2 | 6 | 2 | 3.5 | 8 |
| Ginsen Makuwa (PI 378059) | NCRPIS | 13 | 1 | 5 | 2 | 6 | 7.5 | 8.5 |
| | | 13 | 2 | 2.5 | 4 | 5 | 7 | 9 |
| | | 13 | 3 | 2 | 2 | 4 | 6 | 7.5 |
| Shirokiwa Nashi Makuwa (PI 368062) | NCRPIS | 14 | 1 | 5 | ? | 4 | 6.5 | 7.5 |
| | | 14 | 2 | 2.5 | 2 | 5 | 7 | 8.5 |
| | | 14 | 3 | 2.5 | 3 | 3.5 | 5 | 7.5 |
| Tai Nang No 2 (PI 436531) | NCRPIS | 15 | 2 | 4 | 2 | 3 | 4 | 4 |
| | | 15 | 1 | 4 | 7 | 4 | 5 | 5 |
| | | 15 | 3 | 3 | 4 | 3 | 3 | 5 |
| Smith's Perfect (PI 441988) | NCRPIS | 16 | 3 | 4 | 4 | 3 | 5 | 9 |
| | | 16 | 1 | 3 | 7 | 3 | 7 | 9 |
| | | 16 | 2 | 3 | 6 | 2.5 | 2 | 9 |
| Eunchun (PI 537092) | NCRPIS | 17 | 1 | 3 | 4 | 5 | 7 | 8 |
| | | 17 | 3 | 2 | 5 | 4 | 7 | 9 |
| | | 17 | 2 | 4 | 5 | 5 | 7 | 8.5 |
| Edisto 47 | Twin Oaks | 18 | 1 | 3 | 3 | 3 | 4 | 6 |
| | | 18 | 2 | 2.5 | 1 | 4 | 4.5 | 7 |
| | | 18 | 3 | 3 | 2 | 4 | 4.5 | 6.5 |
| Hannah's Choice | Fedco/Cornell | 19 | 3 | 2 | 1 | 3.5 | 4.5 | 6 |
| | | 19 | 2 | 2 | 3 | 4 | 4.5 | 7 |
| | | 19 | 1 | 2 | 2 | 4 | 4.5 | 6 |

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| | | | | 9 is worst; 1 is best | 7 is worst; 1 is best ? = unsure if damage is from wilt | 9 is worst; 1 is best | 9 is worst; 1 is best | 9 is worst; 1 is best |
| Old Time Tennessee Green | Twin Oaks | 20 | 2 | 2.5 | 2 | 5 | 6 | 8.5 |
| | | 20 | 1 | 3 | 2 | 5 | 6 | 7.5 |
| | | 20 | 3 | 2 | 3 | 4 | 6 | 7 |
| Delicious 51 PMR | Turtle Tree Seeds | 21 | 3 | 3 | 2 | 5 | 6 | 9 |
| | | 21 | 2 | 5 | ? | 6 | 8.5 | 9 |
| | | 21 | 1 | 4 | 1 | 5 | 8 | 9 |
| Athena | Johnnys | 22 | 1 | 3 | 2 | 4 | 4.5 | 6 |
| | | 22 | 3 | 3 | 2 | 4 | 5 | 7 |
| | | 22 | 2 | 3 | 2 | 5 | 5 | 6 |
| Seminole | Cornell | 23 | 2 | 2 | 3 | 2 | 3 | 3 |
| | | 23 | 3 | 2.5 | 2 | 2 | 3 | 3 |
| | | 23 | 1 | 2.5 | 1 | 2.5 | 2.5 | 4 |
| Schoon's Hardshell | Baker Creek | 24 | 3 | 3 | 1 | 4.5 | 5 | 8 |
| | | 24 | 1 | 4 | 2 | 5 | 5 | 7.5 |
| | | 24 | 2 | 5 | 1 | 6 | 7 | 7 |
| Pride of Wisconsin | Fedco | 25 | 2 | 3 | 1 | 5 | 5 | 7.5 |
| | | 25 | 1 | 3 | 1 | 5 | 5 | 7.5 |
| | | 25 | 3 | 3 | 1 | 5 | 5 | 7 |
| Earlichamp | Johnnys | 26 | 3 | 4 | 1 | 6 | 8 | 8.5 |
| | | 26 | 1 | 3 | 2 | 7 | 9 | 9 |
| | | 26 | 2 | 4 | 2 | 7 | 8.5 | 8 |
| Sivan | High Mowing | 27 | 3 | 2.5 | 3 | 4 | 4.5 | 6 |
| | | 27 | 1 | 2.5 | 6 | 5 | 5.5 | 7 |
| | | 27 | 2 | 4 | 3 | 6 | 8 | 9 |
| Trifecta | Cornell | 28 | 2 | 4 | 1 | 4 | 5 | 7 |
| | | 28 | 1 | 4 | 2 | 4 | 4.5 | 6 |
| | | 28 | 3 | 4 | 1 | 4 | 4.5 | 6 |
| Golden Gopher | Turtle Tree Seeds | 29 | 1 | 4 | 1 | 7 | 8 | 8.5 |
| | | 29 | 2 | 5 | 1 | 7 | 8.5 | 8 |
| | | 29 | 3 | 5 | 1 | 7 | 8 | 8 |
| Missouri Gold | Twin Oaks | 30 | 3 | 3 | 1 | 4 | 5 | 6.5 |
| | | 30 | 2 | 2 | 2 | 5 | 6 | 8 |
| | | 30 | 1 | 3 | 1 | 5 | 6 | 7 |
| Caribbean Gold | High Mowing | 31 | 3 | 3 | 4 | 5 | 6 | 7.5 |
| Wrangler | Johnnys | 32 | 3 | 2.5 | 1 | 4 | 4.5 | 7 |
| | | 32 | 2 | 3 | 1 | 4 | 4.5 | 6 |
| | | 32 | 1 | 4 | 2 | 4.5 | 5 | 6 |
| PI 304744 | NCRPIS | 33 | 3 | 2.5 | 2 | 3 | 5 | 8.5 |
| PI 304745 | NCRPIS | 34 | 1 | 3 | 3 | 3 | 4 | 5 |
| Thai Golden Round | Baker Creek | 35 | 3 | 2.5 | 2 | 4 | 6 | 7 |
| | | 35 | 2 | 4 | 1 | 5 | 6 | 7 |
| | | 35 | 1 | 3 | 2 | 4 | 5 | 5 |
| Amish Melon | Dixie Salvation Farm | 36 | 0 | 4 | 1 | 6 | 6.5 | 7 |
| | | 37 | 1 | 2.5 | 1 | 3 | 4 | 5 |
| | | 37 | 2 | 2.5 | 1 | 4 | 4 | 6.5 |
| Hales Best | Southern Exposure | 38 | 1 | 3 | 3 | 4.5 | 5.5 | 8.5 |
| | | 38 | 2 | 4 | 2 | 6 | 7 | 8 |