|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Fungicide sensitivity |  | Mating type |
| Population | Sample sizea | Sensitive | Resistant | Percent resistant |  | Ratio | χ2 | *P*b |
| Cartagena | 189 | 0 | 178 | 100.0 |  | 90:85 | 0.14 | 0.705 |
| San Carlos | 91 | 87 | 0 | 0.0 |  | 42:45 | 0.10 | 0.748 |
| San Pablo | 179 | 0 | 180 | 100.0 |  | 84:82 | 0.02 | 0.877 |
| Zent | 190 | 14 | 162 | 92.0 |  | 77:96 | 2.09 | 0.149 |
| Total or mean | 649 | 101 | 520 | 83.7 |  | 293:308 | 0.37 | 0.541 |

a Total number of isolates with molecular marker data for at least one locus. Sample sizes for each statistic varied depending on the number of isolates scored successfully.

b Probability that the observed mating type ratios are not significantly different from 1:1.