**Handiest table you will ever have!**

**Table 1**. Number of plants necessary to recover a required number of plants with trait

|  |  |  |
| --- | --- | --- |
| p† | q‡ | r = number of plants to be recovered |
| **1** | **2** | **3** | **4** | **5** | **6** | **8** | **10** | **15** |
| 0.95 | 1/2 | 5 | 8 | 11 | 13 | 16 | 18 | 23 | 28 | 40 |
| 1/3 | 8 | 13 | 17 | 21 | 25 | 29 | 37 | 44 | 62 |
| 1/4 | 11 | 18 | 23 | 29 | 34 | 40 | 50 | 60 | 84 |
| 1/8 | 23 | 37 | 49 | 60 | 71 | 82 | 103 | 123 | 172 |
| 1/16 | 47 | 75 | 99 | 122 | 144 | 166 | 208 | 248 | 347 |
| 1/32 | 95 | 150 | 200 | 246 | 291 | 334 | 418 | 506 | 697 |
| 1/64 | 191 | 302 | 401 | 494 | 584 | 671 | 839 | 1,002 | 1,397 |
| 0.99 | 1/2 | 7 | 11 | 14 | 17 | 19 | 22 | 27 | 32 | 45 |
| 1/3 | 12 | 17 | 22 | 27 | 31 | 35 | 44 | 52 | 71 |
| 1/4 | 17 | 24 | 31 | 37 | 43 | 49 | 60 | 70 | 96 |
| 1/8 | 35 | 51 | 64 | 77 | 89 | 101 | 124 | 146 | 198 |
| 1/16 | 72 | 104 | 132 | 158 | 182 | 206 | 252 | 296 | 402 |
| 1/32 | 146 | 210 | 218 | 218 | 268 | 416 | 508 | 597 | 809 |
| 1/64 | 293 | 423 | 535 | 640 | 739 | 835 | 1,020 | 1,198 | 1,623 |

p† = probability of recovering r plants with trait

q‡ = probability of occurrence of trait

**From: Sedcole JR. 1977. Crop Sci. 17: 667-668.**