

### **Scab Nursery AUDPC Protocol**

***Use two checks, 2555 (susceptible) and 25R18 (resistant), to make AUDPC curve and measure progress of FHB over a four-week interval post-infection.***

- 1. Make a list of just the 2555 and 25R18 checks in the scab nursery.**
- 2. Assign #s to each group (1-n 2555, 1-n 25R18).**
- 3. Assign random number to each using the random function (=Rand()) in Excel.**
- 4. Sort the list by:**
  - a. Line (55 or 18)**
  - b. Rand #**
- 5. Number each group again, this will be the rank #.**
- 6. Choose 15 by the rank # (ie. 1-15 or 31-45) and use the numbers assigned in step 2 to associate the rank with the plots that will be monitored.**
- 7. The first evaluation should be done 10 days after the average heading date (7 days after flowering), and subsequent evaluations should be done every 7 days following. A total of 4 evaluations should be done each season.**