

Attachment 1. Scoring criteria of wilting and disease index (DI)

Scoring of tomato wilting symptoms in tomato caused by *FOL* infection (score 0-3) was conducted by using following criteria developed by Epp (1987) and the scoring of wilt symptoms is as follows:

Wilt score	Symptoms
0	No wilt symptom
1	Less than 25% plant parts turned yellow
2	Yellowing and browning covered less than 50% plant parts
3	Infected plant parts turned brown and died, hence covered more than 50% plant parts

Disease Index (DI) was calculated using the following equation:

$$DI = \frac{(N_i \times S_i)}{(N \times S)} \times 100\%$$

(Note: N_i , number of tomato plants with wilt symptoms; S_i , value of the score of symptoms; N , total number of tested tomato plants; S , the highest value of score of symptoms.)

Overall responses of the tested tomatoes against *Fusarium* wilt was established using the following criteria:

DI value	Disease evaluation
0	Rimmune
1-20%	Resistant
21-40%	Moderately susceptible
41-70%	Susceptible
71- 100%	Very susceptible