Table S3. Calculation of germination parameters.

Seed germination on the 3rd day (SG3):

It is estimated as germination percentage recorded at specific intervals for a set period of time,

$$SG3 = \sum_{i=1}^{k} g_i(k - j)$$

where, *gi* is the germination (not cumulative, but partial germination) in time interval *i* (*i* varying from 0 to *k*), *k* is the total number of time intervals, and $j = i - 1$

Germination rate (GR):

It is estimated according to the following formula,

$$GR = \frac{\sum_{i=1}^{k} N_i}{\sum_{i=1}^{k} N_i T_i} \; x \; 100$$

where, *Ti* is the time from the start of the experiment to the *i*th interval, *Ni* is the number of seeds germinated in the *i*th time interval (not the accumulated number, but the number corresponding to the *i*th interval), and *k* is the total number of time intervals.

Mean germination time (MGT):

It is the average length of time required for maximum germination of a seed lot and is estimated according to the following formula,

$$MGT = \frac{\sum_{i=1}^{k} N_i T_i}{\sum_{i=1}^{k} N_i}$$

where, *Ti* is the time from the start of the experiment to the *i*th interval, *Ni* is the number of seeds germinated in the *i*th time interval (not the accumulated number, but the number corresponding to the *i*th interval), and *k* is the total number of time intervals.

Germination index (GI):

Is estimated according to the following formula,

$$GI = \sum_{i=1}^{k} \frac{|(T_k - T_i)N_i|}{N_t}$$

where, *Ti* is the time from the start of the experiment to the *i*th interval (day for the example), *Ni* is the number of seeds germinated in the *i*th time interval (not the accumulated number, but the number corresponding to the *i*th interval), *Nt* is the total number of seeds used in the test, and *k* is the total number of time intervals.