



Seedling vigor

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TERRA Reference Phenotyping Platform





ABSTRACT

- Select five plots as standard: 1 (weakest) 5 (strongest), then other plots will be scored based on the similar with which standard plot.
- Seedling vigor is based on the size of seedling, greenness, uniformity
- Score each plot for seeding vigor was phenotyped by plot
- Seedling vigor was phenotyped every other day for six times
- Seedling vigor phenotyping was started after 15 days of planting or 10 days after emergence

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

Identify Standard Plots

Go through the field and identify five plots to use as standards that represent scores ranging from 1 to 5

Visit each plot

Go through the field to do seedling vigor phenotyping by compare the seedling with the standard plot

Score Plants

3 Assign a score between 1 and 5 to each plot using the scale developed from standard plots

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