



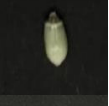











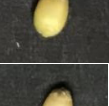









**Table S1.** Details of datasets.

DAA (days after anthesis)	Number of samples	Samples	
6	516		
9	539		
12	538		
15	539		
18	499		
21	499		
24	539		
27	521		
30	519		
33	532		
36	539		
39	479		

**Table S2.** Model size.

Algorithm		Model size (MB)
Traditional machine learning	Decision Tree	0.01
	Support Vector Machine	1.01
	Random Forest	0.15
Deep learning	HRnet18	74.37
	Densenet121	27.15
	Inception v3	83.51
	VGG16	512.36
	Resnet18	42.73
	Resnet50	90.07
	Resnet101	162.82
Few-shot learning	VIT	146.01
	/	72.19