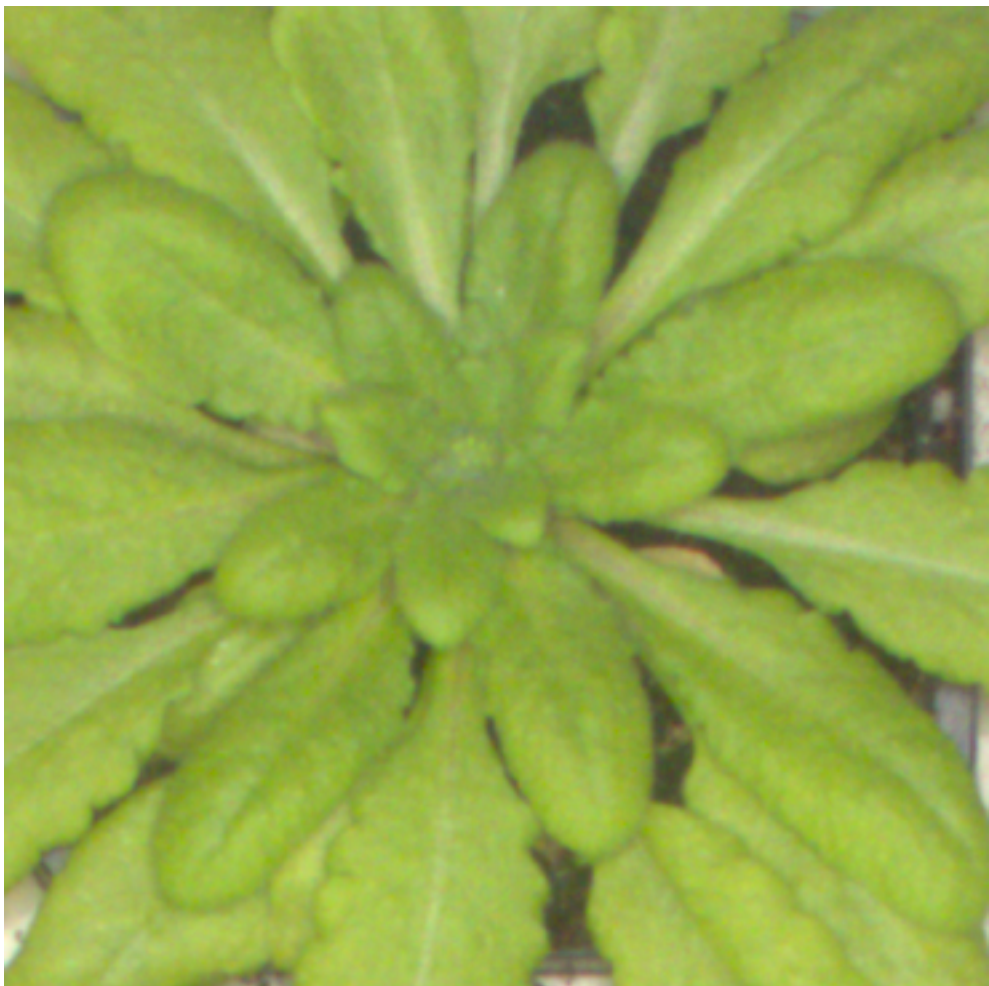


1. Deep Pixel Embedding:
 - A feasible approach of instance segmentation
2. U-Net Family:
 - A competent network to segment
3. Learn Locally:
 - Use embedding space efficiently
4. Distance Map Concatenation:
 - An effective layer to supply spatial information

Failed Cases

Σ : 14 / 500
BD Severe: 57%



Interim Conclusions

**Severely
Occluded**

Σ : 112 / 500
BD Tobacco: 77%



**Tobacco:
Train: 3%
Test: 22%**