



# Remote Sensing of Turfgrass

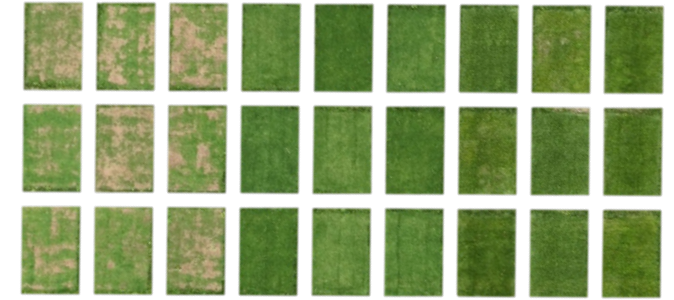
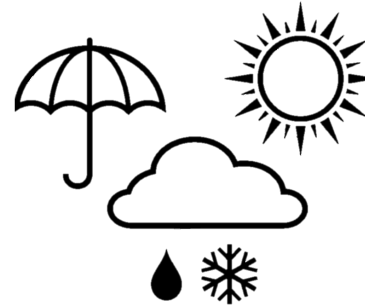
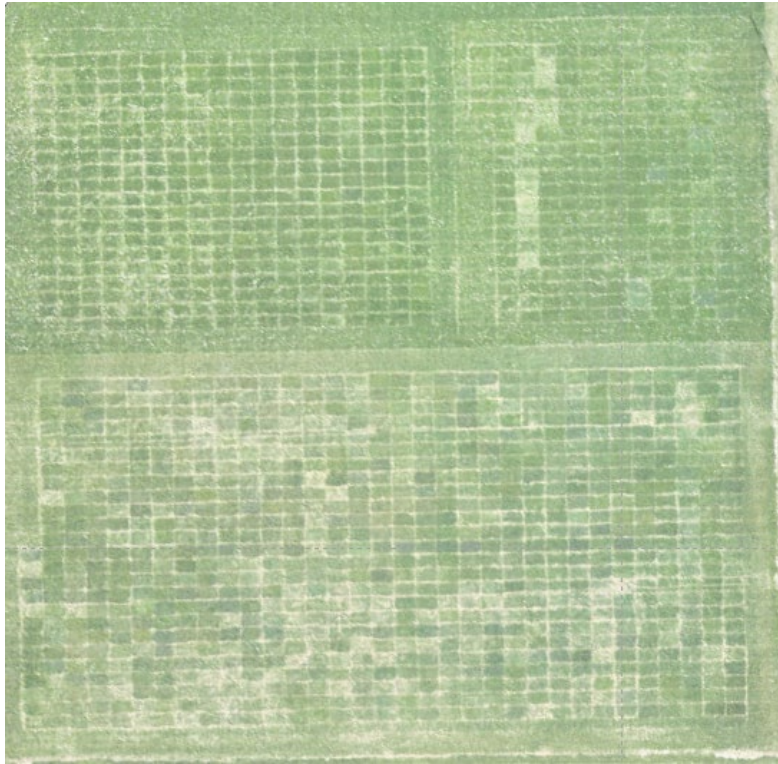
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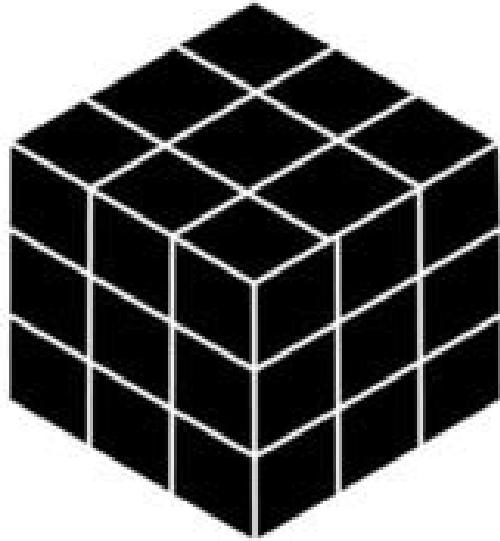


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~50k data points



- Labeled plot-level images
  - Different phenotypes
  - Different scorers
  - Different growth stages
  - Different weather
  - Unbalanced (Generative A.I.?)
- Multi-modal

- Can we predict scores from drone images?
  - Machine Learning: train models on image derived features using computer vision
  - Deep Learning: train model directly on images
  - Generative A.I.: ask vision model to describe images and ask language model to assign score based on image descriptions