WeedCrop Image Dataset

WeedCrop Image Dataset for Object Detection

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| --- | --- |
| Type | Crops |
| Format | YOLOv5 Pytorch |
| Annotated | yes |
| Files | Images/ Labels |
| Format | Jgp/txt |
| Yaml file | Available |
| Number of Classes | 2 |
| Split | Train, valid,test |
| Total Images |  |
| Augmentation | Yes |

## The following augmentation was applied to create 3 versions of each source image:

* Equal probability of one of the following 90-degree rotations: none, clockwise, counter-clockwise
* Random shear of between -15° to +15° horizontally and -15° to +15° vertically
* Random brigthness adjustment of between -25 and +25 percent

# Classes

* Weed
* Crop

# Why I chose this Dataset

- Sufficient amount of training data

- The split was already done

- Images were annotated

- Images were augmented

- Labeling files were in yolov5 format

