This dataset has no training-testing sectioning. It is from the with augmentation version of the TensorFlow PlantVillage dataset. It includes images of **healthy** **and** **unhealthy** (with no specified cause) **apple, bell peppers, blueberry, cherry, corn, grape, orange, peach, potato, raspberry, soybean, squash, strawberry, and tomato**. Thus, the dataset has two classes: healthy and unhealthy.

All images are named with source\_class\_filename.

Healthy source sizes:

Apple\_\_\_Healthy: 1645 images

Bell\_pepper\_\_\_Healthy: 1478 images

Blueberry\_\_\_Healthy: 1502 images

Cherry\_\_\_Healthy: 1000 images

Corn\_\_\_Healthy: 1162 images

Grape\_\_\_Healthy: 1000 images

Peach\_\_\_Healthy: 1000 images

Potato\_\_\_Healthy: 1000 images

Raspberry\_\_\_Healthy: 1000 images

Soybean\_\_\_Healthy: 5090 images

Strawberry\_\_\_Healthy: 1000 images

Tomato\_\_\_Healthy: 1591 images

Class total:

1645 + 1478 + 1502 + 1000 + 1162 + 1000 + 1000 +

1000 + 1000 + 5090 + 1000 + 1591

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18468 images

Unhealthy source sizes:

Apple\_\_\_Apple\_scab: 1000 images

Apple\_\_\_Black\_rot: 1000 images

Apple\_\_\_Cedar\_apple\_rust: 1000 images

Bell\_pepper\_\_\_Bacterial\_spot: 1000 images

Cherry\_\_\_Powdery\_mildew: 1052 images

Corn\_\_\_Cercospora\_leaf\_spot\_Gray\_leaf\_spot: 1000 images

Corn\_\_\_Common\_rust: 1192 images

Corn\_\_\_Northern\_leaf\_blight: 1000 images

Grape\_\_\_Black\_rot: 1180 images

Grape\_\_\_Esca(Black\_Measles): 1383 images

Grape\_\_\_Leaf\_blight(Isariopsis\_leaf\_spot): 1076 images

Orange\_\_\_Haunglongbing(Citrus\_greening): 5507 images

Peach\_\_\_Bacterial\_spot: 2297 images

Potato\_\_\_Early\_blight: 1000 images

Potato\_\_\_Late\_blight: 1000 images

Strawberry\_\_\_Leaf\_scorch: 1109 images

Squash\_\_\_Powdery\_mildew: 1835 images

Tomato\_\_\_Bacterial\_spot: 2127 images

Tomato\_\_\_Early\_blight: 1000 images

Tomato\_\_\_Late\_blight: 1909 images

Tomato\_\_\_Leaf\_mold: 1000 images

Tomato\_\_\_Mosaic\_virus: 1000 images

Tomato\_\_\_Septoria\_leaf\_spot: 1771 images

Tomato\_\_\_Target\_spot: 1404 images

Tomato\_\_\_Two-spotted\_spider\_mite: 1676 images

Tomato\_\_\_Yellow\_leaf\_curl\_virus: 5357 images

Class total:

1000 + 1000 + 1000 + 1000 + 1052 + 1000 + 1192 +

1000 + 1180 + 1383 + 1076 + 5507 + 2297 + 1000 +

1000 + 1109 + 1835 + 2127 + 1000 + 1909 + 1000 +

1000 + 1771 + 1404 + 1676 + 5357

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41875 images

Total:

18648 + 41875

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**60343 images**

Source: https://www.tensorflow.org/datasets/catalog/plant\_village