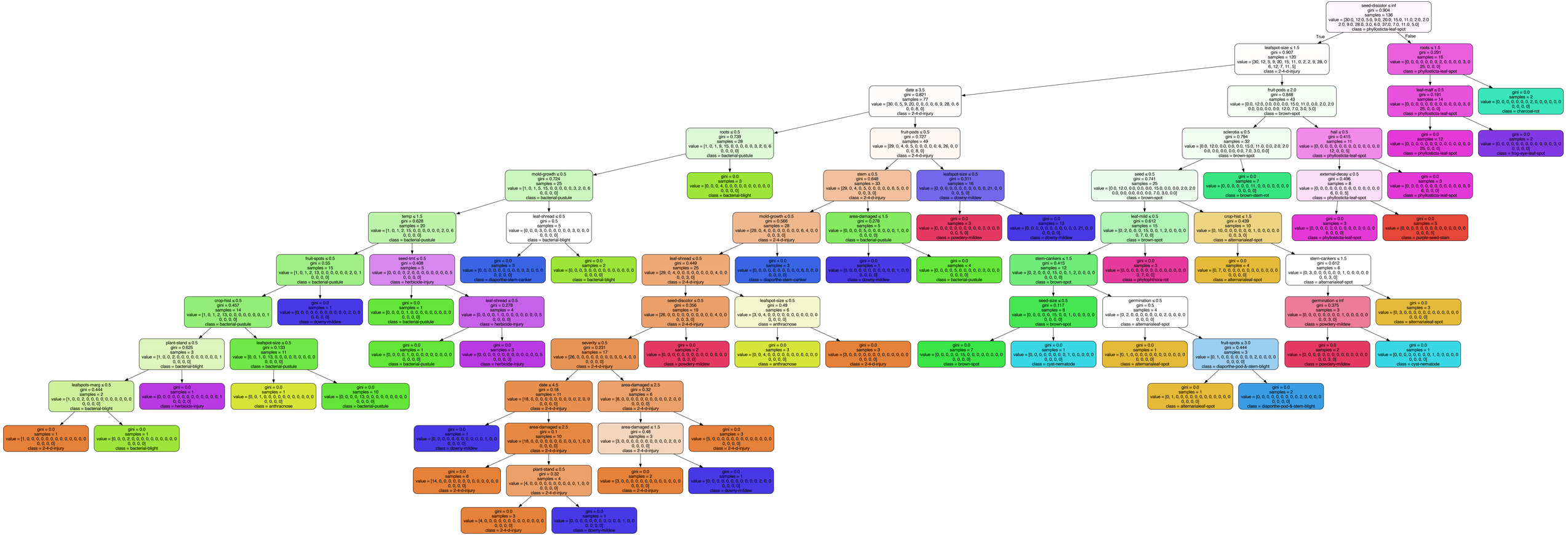
seed-discolor ≤ inf
gini = 0.904
samples = 136
value = [30.0, 12.0, 5.0, 9.0, 20.0, 15.0, 11.0, 2.0, 2.0 2.0, 9.0, 28.0, 3.0, 6.0, 37.0, 7.0, 11.0, 5.0]
class = phyllosticta-leaf-spot
True
False
leafspot-size ≤ 1.5
gini = 0.907
samples = 120
value = [30, 12, 5, 9, 20, 15, 11, 0, 2, 2, 9, 28, 0 6, 12, 7, 11, 5]
class = 2-4-d-injury
roots ≤ 1.5
gini = 0.291
samples = 16
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 3, 0 25, 0, 0, 0]
class = phyllosticta-leaf-spot
date ≤ 3.5
gini = 0.821
samples = 77
value = [30, 0, 5, 9, 20, 0, 0, 0, 0, 9, 28, 0, 6 0, 0, 8, 0]
class = 2-4-d-injury
fruit-pods ≤ 2.0
gini = 0.848
samples = 43
value = [0.0, 12.0, 0.0, 0.0, 0.0, 15.0, 11.0, 0.0, 2.0, 2.0 0.0, 0.0, 0.0, 0.0, 12.0, 7.0, 3.0, 5.0]
class = brown-spot
leaf-mall ≤ 0.5
gini = 0.191
samples = 14
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 25, 0, 0, 0]
class = phyllosticta-leaf-spot
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = charcoal-rot
roots ≤ 0.5
gini = 0.739
samples = 28
value = [1, 0, 1, 9, 15, 0, 0, 0, 0, 0, 3, 2, 0, 6 0, 0, 0, 0]
class = bacterial-pustule
fruit-pods ≤ 0.5
gini = 0.727
samples = 49
value = [29, 0, 4, 0, 5, 0, 0, 0, 0, 0, 6, 26, 0, 0 0, 0, 8, 0]
class = 2-4-d-injury
sclerotia ≤ 0.5
gini = 0.794
samples = 32
value = [0.0, 12.0, 0.0, 0.0, 0.0, 15.0, 11.0, 0.0, 2.0, 2.0 0.0, 0.0, 0.0, 0.0, 0.0, 7.0, 3.0, 0.0]
class = brown-spot
hail ≤ 0.5
gini = 0.415
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 12, 0, 0, 5]
class = phyllosticta-leaf-spot
gini = 0.0
samples = 12
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 25, 0, 0, 0]
class = phyllosticta-leaf-spot
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 0, 0, 0, 0]
class = frog-eye-leaf-spot
mold-growth ≤ 0.5
gini = 0.724
samples = 25
value = [1, 0, 1, 5, 15, 0, 0, 0, 0, 0, 3, 2, 0, 6 0, 0, 0, 0]
class = bacterial-pustule
gini = 0.0
samples = 3
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-blight
stem ≤ 0.5
gini = 0.648
samples = 33
value = [29, 0, 4, 0, 5, 0, 0, 0, 0, 0, 6, 5, 0, 0 0, 0, 3, 0]
class = 2-4-d-injury
leafspot-size ≤ 0.5
gini = 0.311
samples = 16
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0 0, 0, 5, 0]
class = downy-mildew
seed ≤ 0.5
gini = 0.741
samples = 25
value = [0.0, 12.0, 0.0, 0.0, 0.0, 15.0, 0.0, 0.0, 2.0, 2.0 0.0, 0.0, 0.0, 0.0, 0.0, 7.0, 3.0, 0.0]
class = brown-spot
gini = 0.0
samples = 7
value = [0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = brown-stem-rot
external-decay ≤ 0.5
gini = 0.496
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 6, 0, 0, 5]
class = phyllosticta-leaf-spot
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 6, 0, 0, 0]
class = phyllosticta-leaf-spot
temp ≤ 1.5
gini = 0.628
samples = 20
value = [1, 0, 1, 2, 15, 0, 0, 0, 0, 0, 0, 2, 0, 6 0, 0, 0, 0]
class = bacterial-pustule
leaf-shread ≤ 0.5
gini = 0.5
samples = 5
value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0, 0, 3, 0]
class = bacterial-blight
mold-growth ≤ 0.5
gini = 0.566
samples = 28
value = [29, 0, 4, 0, 0, 0, 0, 0, 0, 0, 6, 4, 0, 0 0, 0, 3, 0]
class = 2-4-d-injury
area-damaged ≤ 1.5
gini = 0.278
samples = 5
value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 1, 0, 0 0, 0, 0, 0]
class = bacterial-pustule
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = powdery-mildew
gini = 0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0 0, 0, 0, 0]
class = downy-mildew
leaf-mild ≤ 0.5
gini = 0.612
samples = 15
value = [0, 2, 0, 0, 0, 0, 15, 0, 0, 1, 2, 0, 0, 0 0, 7, 0, 0]
class = brown-spot
crop-hist ≤ 1.5
gini = 0.439
samples = 10
value = [0, 10, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0, 0, 3, 0]
class = alternarialeaf-spot
fruit-spots ≤ 0.5
gini = 0.55
samples = 15
value = [1, 0, 1, 2, 13, 0, 0, 0, 0, 0, 0, 2, 0, 1 0, 0, 0, 0]
class = bacterial-pustule
seed-trmt ≤ 0.5
gini = 0.408
samples = 5
value = [0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 5 0, 0, 0, 0]
class = herbicide-injury
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0, 0, 0, 0]
class = diaporthe-stem-canker
gini = 0.0
samples = 2
value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-blight
leaf-shread ≤ 0.5
gini = 0.449
samples = 25
value = [29, 0, 4, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0 0, 0, 3, 0]
class = 2-4-d-injury
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0 0, 0, 0, 0]
class = diaporthe-stem-canker
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0, 0, 0, 0]
class = downy-mildew
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-pustule
stem-cankers ≤ 1.5
gini = 0.415
samples = 12
value = [0, 2, 0, 0, 0, 0, 15, 0, 0, 1, 2, 0, 0, 0 0, 0, 0, 0]
class = brown-spot
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 7, 0, 0, 0]
class = phytophthora-rot
gini = 0.0
samples = 4
value = [0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = alternarialeaf-spot
stem-cankers ≤ 1.5
gini = 0.612
samples = 6
value = [0, 3, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0, 0, 3, 0]
class = alternarialeaf-spot
plant-stand ≤ 0.5
gini = 0.625
samples = 3
value = [1, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0]
class = bacterial-blight
leafspot-size ≤ 0.5
gini = 0.133
samples = 11
value = [0, 0, 1, 0, 13, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-pustule
crop-hist ≤ 0.5
gini = 0.457
samples = 14
value = [1, 0, 1, 2, 13, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0]
class = bacterial-pustule
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0, 0, 0, 0]
class = downy-mildew
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0]
class = bacterial-pustule
leaf-shread ≤ 0.5
gini = 0.278
samples = 4
value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 5 0, 0, 0, 0]
class = herbicide-injury
seed-discolor ≤ 0.5
gini = 0.356
samples = 19
value = [26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0 0, 0, 3, 0]
class = 2-4-d-injury
leafspot-size ≤ 0.5
gini = 0.49
samples = 6
value = [3, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = anthracnose
germination ≤ 0.5
gini = 0.117
samples = 8
value = [0, 0, 0, 0, 0, 0, 15, 0, 0, 1, 0, 0, 0, 0 0, 0, 0, 0]
class = brown-spot
germination ≤ 0.5
gini = 0.5
samples = 4
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0 0, 0, 0, 0]
class = alternarialeaf-spot
germination ≤ inf
gini = 0.375
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0, 0, 3, 0]
class = powdery-mildew
gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = alternarialeaf-spot
leafspots-marg ≤ 0.5
gini = 0.444
samples = 2
value = [1, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-blight
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0]
class = herbicide-injury
gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = anthracnose
gini = 0.0
samples = 10
value = [0, 0, 0, 0, 13, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = bacterial-pustule
severity ≤ 0.5
gini = 0.231
samples = 17
value = [26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 3, 0]
class = powdery-mildew
gini = 0.0
samples = 3
value = [0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = anthracnose
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 7
value = [0, 0, 0, 0, 15, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = brown-spot
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0, 0, 0, 0]
class = cyst-nematode
gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = alternarialeaf-spot
fruit-spots ≤ 3.0
gini = 0.444
samples = 3
value = [0, 1, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0 0, 0, 0, 0]
class = diaporthe-pod-&-stem-blight
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 3, 0]
class = powdery-mildew
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0, 0, 0, 0]
class = cyst-nematode
gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = alternarialeaf-spot
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0 0, 0, 0, 0]
class = diaporthe-pod-&-stem-blight
date ≤ 4.5
gini = 0.18
samples = 11
value = [18, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
area-damaged ≤ 2.5
gini = 0.32
samples = 6
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0, 0, 0, 0]
class = downy-mildew
area-damaged ≤ 2.5
gini = 0.1
samples = 10
value = [18, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0, 0, 0, 0]
class = 2-4-d-injury
area-damaged ≤ 1.5
gini = 0.48
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 3
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 6
value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
plant-stand ≤ 0.5
gini = 0.32
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 2
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0, 0, 0, 0]
class = downy-mildew
gini = 0.0
samples = 3
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0]
class = 2-4-d-injury
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0, 0, 0, 0]
class = downy-mildew