

## OUTPUT

Found 2000 images belonging to 10 classes.

Found 500 images belonging to 10 classes.

Epoch 1/10

62/62 [=====] - 60s 965ms/step - loss: 2.1305 - accuracy: 0.2502 - val\_loss: 1.8932 - val\_accuracy: 0.3505

Epoch 2/10

62/62 [=====] - 53s 851ms/step - loss: 1.7203 - accuracy: 0.4003 - val\_loss: 1.5233 - val\_accuracy: 0.4236

Epoch 3/10

62/62 [=====] - 53s 861ms/step - loss: 1.4520 - accuracy: 0.4782 - val\_loss: 1.3351 - val\_accuracy: 0.4930

Epoch 4/10

62/62 [=====] - 52s 845ms/step - loss: 1.2710 - accuracy: 0.5492 - val\_loss: 1.1482 - val\_accuracy: 0.5804

Epoch 5/10

62/62 [=====] - 53s 857ms/step - loss: 1.1302 - accuracy: 0.6004 - val\_loss: 1.0321 - val\_accuracy: 0.6202

Epoch 6/10

62/62 [=====] - 53s 853ms/step - loss: 1.0203 - accuracy: 0.6435 - val\_loss: 0.9543 - val\_accuracy: 0.6438

Epoch 7/10

62/62 [=====] - 53s 854ms/step - loss: 0.9162 - accuracy: 0.6806 - val\_loss: 0.8724 - val\_accuracy: 0.6832

Epoch 8/10

62/62 [=====] - 52s 843ms/step - loss: 0.8423 - accuracy: 0.7081 - val\_loss: 0.7983 - val\_accuracy: 0.7140

Epoch 9/10

62/62 [=====] - 53s 852ms/step - loss:  
0.7581 - accuracy: 0.7382 - val\_loss: 0.7421 - val\_accuracy: 0.7368

Epoch 10/10

62/62 [=====] - 52s 840ms/step - loss:  
0.6982 - accuracy: 0.7623 - val\_loss: 0.6993 - val\_accuracy: 0.7504

Model saved as plant\_identification\_model.h5