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File: KNN+BaseModel\CNN+MobileV2.pyw
1 "C:\Program Files\Python313\python.exe" "C:\Users\WORK STATION\OneDrive\Desktop\Projects\Micro Credential Course\Hybrid-Vision-Transfer-Classifier\codes\KNN+BaseModel(CNN+MobileV2).py"
2 2026-02-13 11:38:28.717217: I tensorflow/core/util/port.cc:153] oneDNN custom operations are on. You may see slightly different numerical results due to floating-point round-off errors from different computation orders. To turn them off, set the environment variable 'TF_ENABLE_ONEDNN_OPTS=0'.
3 2026-02-13 11:38:33.957680: I tensorflow/core/util/port.cc:153] oneDNN custom operations are on. You may see slightly different numerical results due to floating-point round-off errors from different computation orders. To turn them off, set the environment variable 'TF_ENABLE_ONEDNN_OPTS=0'.
4 2026-02-13 11:38:37.157274: I tensorflow/core/platform/cpu_feature_guard.cc:210] This TensorFlow binary is optimized to use available CPU instructions in performance-critical operations.
5 To enable the following instructions: SSE3 SSE4.1 SSE4.2 AVX AVX2 AVX512F AVX512_VNNI FMA, in other operations, rebuild TensorFlow with the appropriate compiler flags.
6
7 =====
8 STABLE HYBRID MODEL REPORT
9 =====
10 Accuracy: 98.25%
11 MCC: 0.9801
12 MSE: 0.0032
13 MAE: 0.0058
14 -----
15 CLASSIFICATION REPORT:
16          precision    recall   f1-score   support
17
18     Anthracnose      1.00     0.93     0.96    100
19   Bacterial Canker      1.00     1.00     1.00    100
20     Cutting Weevil      1.00     1.00     1.00    100
21       Die Back      0.99     1.00     1.00    100
22      Gall Midge      0.97     0.98     0.98    100
23      Healthy       0.93     0.99     0.96    100
24   Powdery Mildew      0.98     0.99     0.99    100
25    Sooty Mould      0.99     0.97     0.98    100
26
27    accuracy         0.98    0.98    0.98    800
28   macro avg         0.98    0.98    0.98    800
29 weighted avg        0.98    0.98    0.98    800
30
31
32 Process finished with exit code 0
33
```