

LIST OF TABLES

1.1	Research Milestone	7
3.1	Distribution of lemongrass leaf images per class	26
3.2	Distribution of lemongrass leaf images after dataset splitting	30
3.3	Data Augmentation Parameters Used During Training	31
3.4	Configuration of Training Hyperparameters for All CNN Models	35
4.1	Classification report for InceptionV3 on test dataset	41
4.2	InceptionV3 Performance Summary	44
4.3	Classification report for Xception on test dataset	45
4.4	Xception Performance Summary	48
4.5	Classification report for MobileNetV2 on test dataset	49
4.6	MobileNetV2 Performance Summary	53
4.7	Classification report for ResNet152V2 on test dataset	54
4.8	ResNet152V2 Performance Summary	57
4.9	Classification report for DenseNet201 on test dataset	59
4.10	DenseNet201 Performance Summary	62
4.11	Test Performance Comparison of All Models	63
4.12	Macro-Averaged Precision, Recall, and F1-Score Comparison	64
4.13	Per-Class AUC Scores for Fine-Tuned Models	68
4.14	Model Configuration and Complexity Summary	69
4.15	Summary of CNN Model Strengths by Overall and Class-Wise Performance	73
4.16	Performance Comparison between Patil et al. [1] and This Study	74