

Smart Weeding with Computer Vision

Automate weed detection. Cut labor costs. Boost productivity per acre.

Why Choose Our System?



Lower Weeding Costs

Replace expensive manual labor with automated field scanning and weed detection. Our system helps you save thousands per harvest season.



Faster Operations

Process acres in a fraction of the time. Real-time detection means less downtime and fewer bottlenecks in the field.

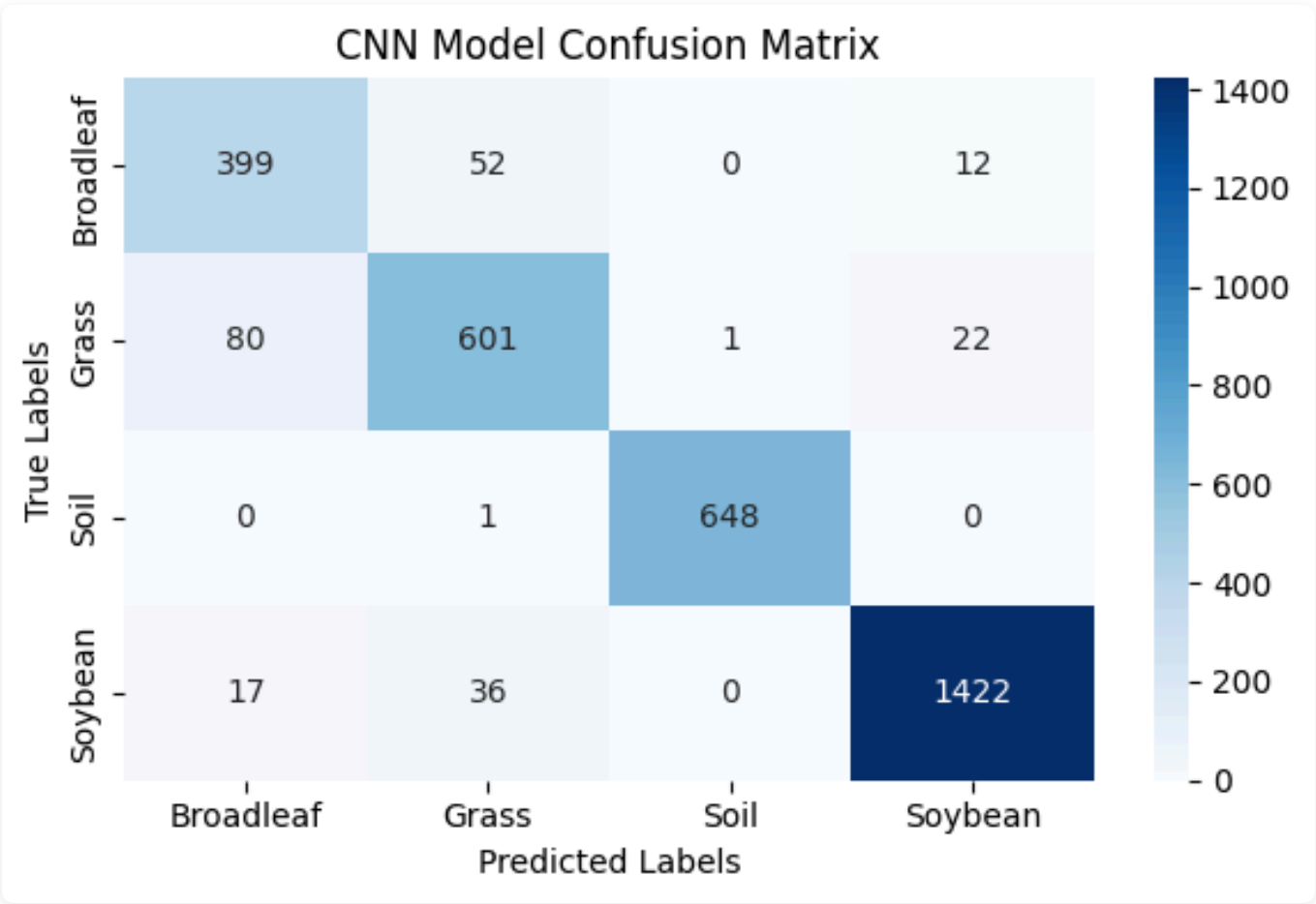


Precision Agriculture

Built for the future of farming. Our AI model can differentiate between crop types and target unwanted weeds with high accuracy.

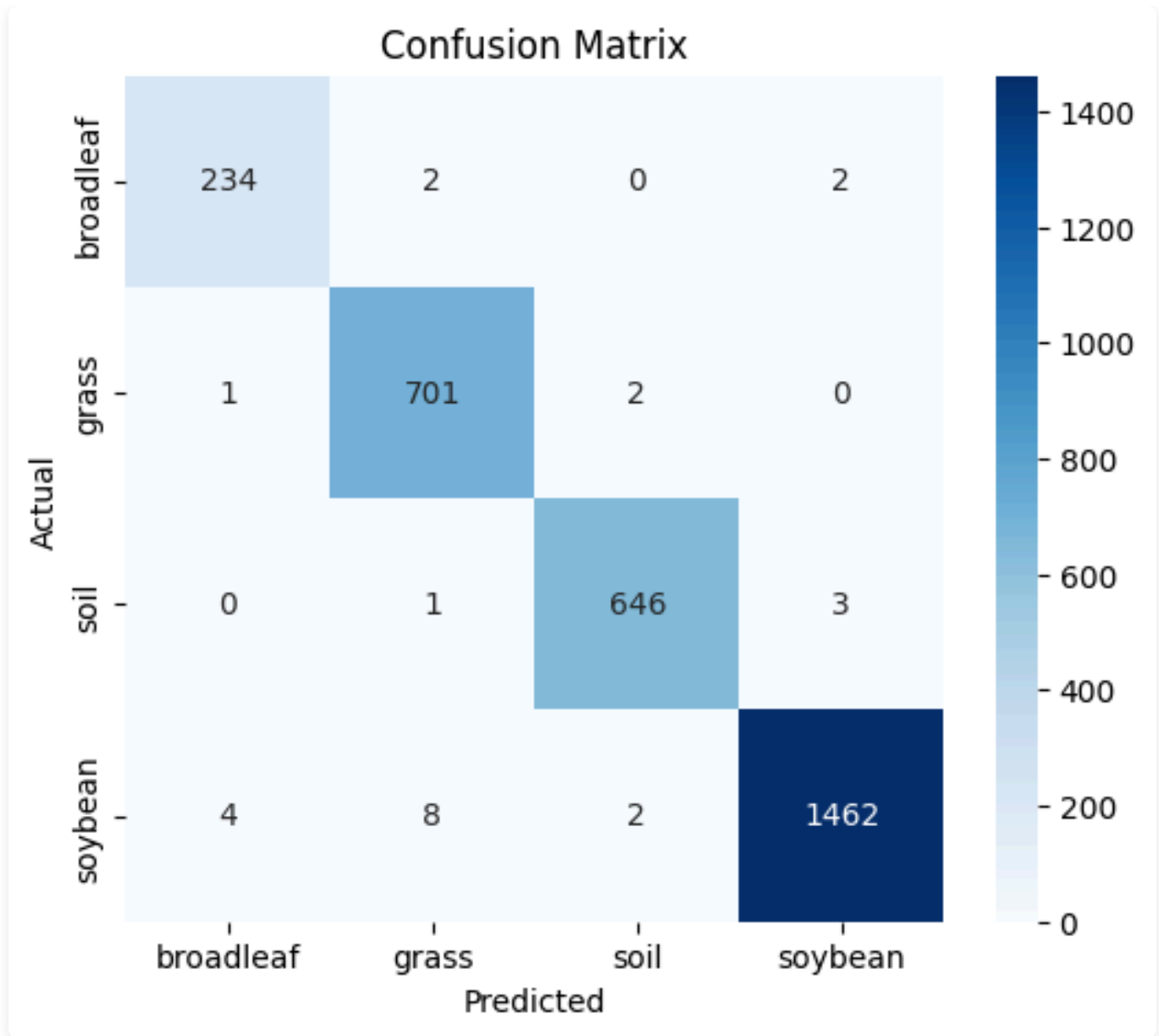
Proven Performance

CNN



description

MobileNetV2



This confusion matrix shows how well the MobileNetV2 model distinguishes between four classes: **broadleaf weeds**, **grass weeds**, **soil**, and **soybean crops**. Each square represents the number of times a sample was correctly or incorrectly classified.

The model correctly identified **1,462 soybean** images with minimal errors. It also showed strong accuracy in weed detection, with **234 broadleaf** and **701 grass** samples classified correctly. Misclassifications were rare, indicating the model is both **accurate and dependable** for field use.

This high performance supports the use of MobileNetV2 in automated weed detection systems, reducing manual labor while improving precision in crop care.

Estimate Your Savings

Coming soon: a calculator that shows exactly how much you can save by switching to automated weeding. Enter your acreage and labor rates, and see the cost difference instantly.

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