

Potato Weed Detection Report

Generated: 2025-10-05 09:51:49

Detection Summary

Total Objects Detected: 4

Potato Plants: 1 (25.0%)

Weeds: 3 (75.0%)

Annotated image not found (check static/annotated/).

Detected Weeds & Recommendations

Weed Type	Count	Organic Recommendation	Chemical Recommendation
Purslane	1	Vinegar spray	Paraquat
Goosegrass	1	Mulching	Diuron
PalmerAmaranth	1	Neem extract	Glyphosate

Overall Recommendations

Preferred Organic: Neem extract, Mulching, Vinegar spray

Chemical Option: Glyphosate, Paraquat, Diuron

Reasoning: Tailored to detected weeds: Vinegar desiccates leaves safely for small weeds.; Mulching smothers grass weeds like Goosegrass, promoting soil health.; Neem is natural, targets broadleaf weeds like Palmer Amaranth without harming soil microbes.