

INTRODUCTION

Traditionally, producers and processors have relied on human inspectors for grading and inspecting potato produce for quality and defects. The data manually recorded by them is then used for analysing price and delivering farm advisory to farmers / growers.



BUSINESS CHALLENGE

Besides finding the human inspectors with expertise in potato crop, the main challenge our customer faced is the error-prone manual inspection process that is time-consuming, laborious and expensive.

AGROMETRICS SOLUTION

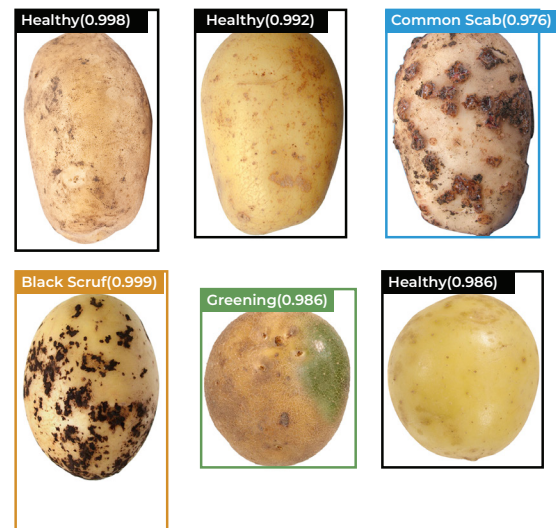
Agrometrics deployed computer vision analysis, and the deep learning models to identify defects and size profiles in variety of potatoes. Instead of relying on experts and expensive human inspectors, the inspection process can be handled by regular personnel at a fraction of cost and with reduced manual efforts.

The AI-based smart models seamlessly detect and generate quality reports just by clicking a picture of the potato produce.

BUSINESS VALUE

- Improved accuracy and significantly faster inspection process
- Increased revenues and reduced compliance & inspection costs
- Improved advisory for better yield

SUMMARY OF THE INSPECTED POTATO SAMPLE



Count	6
Common Scab	16.67%
Black Scurf	16.67%
Greening	16.67%
Healthy	50%

