

IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

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ABSTRACT:-

✓ The effect of insects in farmed has been very high in certain areas. The climatic changes even add to the woes of a farmer. Widespread adoption of chemical pesticides has resulted in unprecedented crop yields. The agriculture pest monitoring device is a moving bot or line following bot which monitors the amount of pest in farmland.

✓ The image processes like image acquisition, preprocessing, grayscale conversion blurring, max pooling and using ReLU for faster training of dataset. It calculates and sends the amount of pest present in a particular crop and suggest the amount of pesticide to be sprayed