ABSTRACT

A METHOD FOR DETECTING WEED IN PLANTATION

The present invention discloses a method for detecting weed from an acquired image, the method comprising the steps of converting the acquired image into a colour space image and a vegetation index image; combining properties of the colour space image and the vegetation index image to generate a processed image; and outlining areas that represent the existence of the weed from the processed image via an image processing algorithm. The properties of the colour space image and the vegetation index image are combined to generate a processed image for improving accuracy and efficiency of the method. The method in the invention provides an automated weed detection with minimal user input.

(The most illustrative figure: Fig. 1)