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(54) Title of the invention : FERTILIZER USAGE MONITORING AND PRICE ESTIMATION SYSTEM FOR CROPS

<p>(51) International classification :G06Q0030020000, G06K0009000000, G06Q0010040000, G06Q0050020000, A01C0017000000</p> <p>(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Dr.Yalla Venkateswarlu Address of Applicant :Professor, CSE, College International School of Technology & Sceiences, East Ganugudem, Rajanagaram, Rajamahendravaram-533294, Andhra Pradesh, India. Andhra Pradesh India 2)Dr.Sandeep Rout 3)Dr.S.Srilalitha 4)Dr.Aruna Kumari Nakkella 5)Gyanaranjan Sahoo 6)Dr. J. Kalaimathi 7)Mr.Mukul Machhindra Barwant 8)Dr.K.Syamala Devi 9)Dr.M.Aparna 10)V.Vijaya Lakshmi 11)E.Goutami 12)G.Ujwala 13)Monica Kappala</p> <p>(72)Name of Inventor : 1)Dr.Yalla Venkateswarlu 2)Dr.Sandeep Rout 3)Dr.S.Srilalitha 4)Dr.Aruna Kumari Nakkella 5)Gyanaranjan Sahoo 6)Dr. J. Kalaimathi 7)Mr.Mukul Machhindra Barwant 8)Dr.K.Syamala Devi 9)Dr.M.Aparna 10)V.Vijaya Lakshmi 11)E.Goutami 12)G.Ujwala 13)Monica Kappala</p>
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(57) Abstract :

ABSTRACT: Title: Fertilizer Usage Monitoring and Price Estimation System for Crops The present disclosure proposes a fertilizer usage monitoring and price estimation system for crops. The system comprises an input module 101, a fertilizer monitoring and spreading device 102 and a remote storage 103. The proposed system monitors the usage of fertilizer and estimates the price of crop based on the quality and quantity of the fertilizer used. The proposed system takes various parameters in to account to assess the quality and price of the crop such as soil fertility rate, usage of fertilizer, type of fertilizer, climatic conditions, demand of the product, and transportation charge, thereof. The proposed system monitors the quality and quantity of the fertilizer used by the farmer. The proposed system is linked with the farmerTMs identity, and provides an alert to officials when any unauthorized devices are used.

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