पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 48/2023	शुक्रवार	दिनांक: 01/12/2023
ISSUE NO. 48/2023	FRIDAY	DATE: 01/12/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2023

(21) Application No.202341072104 A
(43) Publication Date : 01/12/2023

(54) Title of the invention : MACHINE LEARNING-BASED APPROACHES FOR SMART PADDY YIELD PREDICTION AND OPTIMISATION

(51) International classification	:A01C0021000000, G06Q0010040000, G06Q0050020000, G06N0020000000, G06N0003080000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
MACHINE LEARNING-BASED APPROACHES FOR SMART PADDY YIELD PREDICTION AND OPTIMISATION A method for the development of a type of fertilizing method of southern double cropping paddy rice efficiency utilization nitrogenous fertilizer, passed through the present invention's technical solution, rational nitrogen fertilizing can be carried out to morning, late rice, nitrogenous fertilizer can not only be made to obtain effective and reasonable utilization, reduce the waste of nitrogenous fertilizer, save production cost, greatly reduce because the environmental pollution caused by nitrification Based on a critical review of existing related studies, a future architecture of machine learning-based palm oil yield prediction has been developed. This technology will deliver on its promise by addressing new research issues in crop yield prediction analysis and developing an incredibly effective model for predicting palm oil yields with the least amount of computational difficulty. The growing amount and variety of data gathered and obtained by these emerging IoT technologies provide the rice smart farming approach with new capabilities for predicting changes and identifying possibilities. FIG.1

No. of Pages : 16 No. of Claims : 1