

Effect Of Integrated Nutrient Management On The Growth

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Effect Of Integrated Nutrient Management

DOI: 10.20546/ijcmas.2018.704.238 Corpus ID: 90492169. Effect of Integrated Nutrient Management on Growth and Production of Hydrangea (Hydrangea macrophylla Thunb.) @article{Gurung2018EffectOI, title={Effect of Integrated Nutrient Management on Growth and Production of Hydrangea (Hydrangea macrophylla Thunb.)}, author={Anamika Gurung and Y. C. Gupta and Suman Bhatia and Priyanka Thakur and ...

[PDF] Effect of Integrated Nutrient Management on Growth ...

The basic concept of integrated nutrient management (INM) is the adjustment of plant nutrient supply to an optimum level for sustaining the desired crop productivity. Vermicompost improves physical, chemical and biological properties of soil in the long run on repeated application.

Effect of integrated nutrient management on quality and ...

Dhillon, N.S., Dev. G. Effect of elemental Sulphur application on soybean (Glycine maxmerrill). Journal of the Indian Society of Soil Science, 1978; 26(1): 55-57. Gaur, A.C. Integrated plant nutrient supply system blending organic, bio and chemical sources. (In): Soil-Plant-Microbe Interaction in relation to Integrated Nutrient Management.

Effect of Integrated Nutrient Management on Physico ...

All the treatments increased over Control (T1) significantly, which might be due to the favorable effect of integrated nutrient management on the proliferation of roots and thereby increasing the uptake of plant nutrients from the soil and ultimately the vegetative growth of plants.

EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON CROP YIELDS IN ...

The basic concept underlying the principles of integrated nutrient management is the maintenance and improvement of soil fertility for sustaining crop productivity on a long-term basis, which can be achieved through the combined use of various sources of nutrients and by managing them scientifically for optimum growth, yield and quality of different crops, suiting to local agro- ecological conditions.

EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON UPTAKE AND ...

As a result of integrated nutrient management, cowdung and vermicompost alone or with the combination of nitrogenous fertilizer insignificantly decreased soil pH, slightly increased total N, available P and exchangeable K in post harvest soils compared to initial soils of the experimental field.

Effect of integrated nutrient management on soil properties

Effect of integrated nutrient management on soil physical and hydraulic properties in rice wheat crop 99 retention was determined in the second year of experimentation Le. after harvest ofwheat ...

Effect ofintegrated nutrient management on soil physical ...

Integrated nutrient management encourages the use of on-farm organics, thus it saves on the cost of fertilizers for crop production. The basic concept of integrated nutrient management (INM) or integrated plant nutrition management (IPNM) is the adjustment of plant nutrient supply to an optimum level for sustaining the desired crop productivity.

Integrated Nutrient Management (INM): Meaning, Concept and ...

A field experiment was conducted during 2010-11 at the field of Horticulture farm, Department of Horticulture, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (Maharashtra) to evaluate the effect of 16 treatments i.e. various sources of nutrient on growth parameter, yield attributes, nutrient uptake, and soil nutrient status of cowpea (Vigna unquiculata L.) variety 'pusa komol'.

Effect of integrated nutrient management on cowpea.

In this scenario, the integrated nutrient management is the novel eco-friendly approach which involves the proper management of organic inputs as the nutrients source to improve the soil health ...

(PDF) INTEGRATED NUTRIENT MANAGEMENT IN RICE: A CRITICAL ...

IPNS is defined as maintenance or adjustment of soil fertility and supply of plant nutrient to an optimum level for sustaining the desired crop productivity through optimization of benefit from all possible resources of plant nutrients in an integrated manner.

Integrated Nutrient Management: Concept and Components

(2020). Effect of Long-Term Integrated Nutrient Management (INM) Practices on Soil Nutrients Availability and Enzymatic Activity under Acidic Inceptisol of North-Eastern Region of India. Communications in Soil Science and Plant Analysis: Vol. 51, No. 9, pp. 1137-1149.

Effect of Long-Term Integrated Nutrient Management (INM ...

Integrated nutrient management (INM) has been shown to considerably improves rice yields by minimizing nutrient losses to the environment and by managing the nutrient supply, and thereby results in high resource-use efficiency, cost reductions, and improved resistance to biotic and abiotic stresses (Janssen, 1993, Prasad et al., 2002, Parkinson, 2013, Zhang et al., 2012).

Integrated nutrient management (INM) for sustaining crop ...

Integrated nutrient management (INM) involves efficient and judicious supply of all major and micro components of plant nutrients including local available resources on sustainable basis. Papaya is known to be a heavy feeder of nutrients (NPK) and information regarding the effect of INM is rather rare.

INTEGRATED NUTRIENT MANAGEMENT IN PAPAYA (CARICA PAPAYA L ...

A field experiment on effect of integrated nutrient management on growth and yield of rainfed finger millet was conducted under red sandy loam soils, during kharif 2014 at field unit of Agronomy Department, University of Agricultural and Horticultural Sciences, Shivamogga.

Effect of integrated nutrient management on growth, yield ...

Effect of Integrated Nutrient Management (INM) on Physico-Chemical Properties of Soil, Available Content and Nutrient Uptake by Okra (Abelmoschus esculentus) Veer Bhan Singh and Anil Kumar Tiwari* Department of Horticulture, Faculty of Agriculture & Allied Industries, Rama University Kanpur (U.P.) India

Effect of Integrated Nutrient Management (INM) on Physico ...

Use of integrated nutrient management had a positive effect on soil properties as compared to other nutrient management options. Overall, the yield gain and maintenance of soil health due to INM practices over other nutrient management practices in RWCS can be a viable nutrient management option in the Indian subcontinent.

Agronomy | Free Full-Text | Integrated Nutrient Management ...

Integrated nutrient management (INM) is a scheme that refers to a safest way to dispose off crop residues and produce high-quality compost by a balanced and integrated use of both sources of fertilizers together in combinations (organic and inorganic fertilizers) for maintaining soil fertility and providing plants with an optimum level of nutrients required over all of cycle life to sustain the yield productivity.

Introduction to the Integrated Nutrient Management ...

Effect of integrated nutrient management on the growth and yield of groundnut (Arachis hypogaea) in coastal region of Karaikal. Indian J. Agron. 55 (2): 128-132 [4] Mohapatra, A.K.B. and Dixit, L. 2010. Integrated nutrient management in rainy season groundnut (Arachishypogaea). Indian J. Agron. 55 (2): 123-127.