

Click www.researchjournal.co.in/online/subdetail.html to purchase.

Research Paper

ADVANCE RESEARCH JOURNAL OF
C R P
IMPROVEMENT
Volume 5 | Issue 2 | Dec., 2014 | 197-199
..... e ISSN-2231-640X

DOI :
10.15740/HAS/ARJCI/5.2/197-199
Visit us: www.researchjournal.co.in

Performance of late sown wheat (*Triticum aestivum* L.) as influenced by different levels of fertilizers along with biofertilizers

■ A.R. MANE¹, P.N. KARANJIKAR AND K.P. WAYASE¹

AUTHORS' INFO

Associated Co-author:

¹Department of Agronomy, College of Agriculture, LATUR (M.S.) INDIA

Author for correspondence:

P.N. KARANJIKAR
Department of Agronomy, College of Agriculture, Ambajogai, BEED (M.S.) INDIA
Email: pnk_1972@rediffmail.com

ABSTRACT : The field investigation was carried out on performance of late sown wheat (*Triticum aestivum* L.) as influenced by different levels of fertilizers along with biofertilizers with the recommended cultural practices and plant protection measures. The application of 125 per cent RDF + *Azotobacter* + PSB (T₈) recorded significantly higher plant height, number of effective tillers per plant, panicle length, dry matter per plant, number of spikelets per panicle, number of grains per panicle, weight of grains per panicle, grain yield, straw yield and biological yield than all other treatments. It was followed by the application of 125 per cent RDF (T₁) and 100 per cent RDF + *Azotobacter* + PSB (T₇) treatments. Lowest plant height, number of effective tillers per plant, panicle length, dry matter per plant, number of spikelets per panicle, number of grains per panicle, weight of grains per panicle, grain yield, straw yield and biological yield was observed in 50 per cent RDF. Recommended dose of fertilizer was 80:40:40 kg NPK ha⁻¹.

Key Words : Wheat, Levels of chemical fertilizers, Type of biofertilizers, Productivity

How to cite this paper : Mane, A.R., Karanjikar, P.N. and Wayase, K.P. (2014). Performance of late sown wheat (*Triticum aestivum* L.) as influenced by different levels of fertilizers along with biofertilizers. *Adv. Res. J. Crop Improv.*, 5 (2) : 197-199.

Paper History : **Received** : 15.09.2014; **Revised** : 18.11.2014; **Accepted** : 29.11.2014