

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



RESEARCH PAPER

Effect of chickpea (*Cicer arietinum* L.) varieties and weed management practices on quality parameters, nutrient content and uptake by crop and weed

SHIV CHANDRAKAR*, AKANKSHA SHARMA¹ AND DINESH KUMAR THAKUR²

Department of Agronomy, N.M. College of Agriculture, Navsari Agricultural University, NAVSARI (GUJARAT)
INDIA (Email : shivchandrakar1512@gmail.com)

Abstract : A field experiment was carried out at the Navsari agricultural university, Navsari during 2011-2012 to study the effect of chickpea (*Cicer arietinum* L.) varieties and weed management practices on quality parameters, nutrient content and uptake by crop. The result indicated that significantly maximum protein content (21.35 %) and protein yield (385 kg ha⁻¹) as well as nutrient content in seed N (3.42%), P (0.72%) and K (0.87 %), in stover N (1.41 %), P (0.25 %) and K (1.42 %) and uptake of nutrient by seed N (61.65 kg ha⁻¹), P₂O (13.06 kg ha⁻¹) and K₂O (15.76 kg ha⁻¹) were recorded by treatment W₂ (Weed free upto harvest- H.W. 20, 40 and 60 DAS) as compared to unweeded (control), respectively. All varieties of chickpea found equally suitable for cultivation.

Key Words : Chickpea, Quality parameters, Nutrient content, Uptake

View Point Article : Chandrakar, Shiv, Sharma, Akanksha and Thakur, Dinesh Kumar (2015). Effect of chickpea (*Cicer arietinum* L.) varieties and weed management practices on quality parameters, nutrient content and uptake by crop and weed. *Internat. J. agric. Sci.*, **11** (2) : 217-220.

Article History : Received : 14.01.2015; Revised : 02.05.2015; Accepted : 16.05.2015

* **Author for correspondence**

¹Department of Horticulture, Indira Gandhi Krishi Vishwavidyalaya, RAIPUR (C.G.) INDIA

²Department of Genetics and Plant Breeding, Indira Gandhi Krishi Vishwavidyalaya, RAIPUR (C.G.) INDIA