

Response of Maize-Chickpea Sequence to Different Sowing Windows and Nitrogen Management Under Rainfed Conditions

M Ratnam, B Venkateswarlu, E Narayana, T C M Naidu and A Lalithakumari
Department of Agronomy, Agricultural College, Bapatla 522 101, Andhra Pradesh

ABSTRACT

A field experiment was conducted at Regional Agricultural Research Station, Lam, Guntur during *kharif* and *rabi* sessions of 2013-14 & 2014-15 on clay soil to know the response of maize-chickpea sequence to different sowing windows and nitrogen management under rainfed conditions of Krishna zone. Sowing windows and nitrogen levels were significantly influenced by the test weight, harvest index, kernel and stover yield of preceding maize. Maximum test weight, harvest index and kernel and stover yield was obtained when maize was sown on 2nd FN of June with 200 % RDN where as maximum stover and grain yield of succeeding chickpea was recorded when maize sown on 1st FN July with 200 % RDN applied to maize followed by 100 % RDN applied to chickpea.

Key words: Maize-chickpea sequence, Recommended dose of N and Sowing window