

Twenty-Five Years of Nitrogen Research at ICARDA: Achievements and Challenges. (A06-ryan013524-Poster)

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Abstract:

Since its establishment in 1977, the International Center for Agricultural Research in the Dry Areas focused on dryland agriculture of its mandate West Asia - North Africa region, where drought is the major and perennial cropping constraint. As nitrogen deficiency was common to both rainfed and irrigated cropping, research on N was a dominant thrust of the Centers program, i.e., field crop responses to N fertilizers, biological N fixation, soil N characterization, N cycling in rotational cropping systems, and dynamics of loss mechanisms. The impressive body of knowledge gained has had a major role in enhancing the regions output as well as contributing to science.

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Presentation Information:

Presentation Date: Tuesday, November 12, 2002

Presentation Time: 2:00-4:00 pm

Poster Board Number: 628

Keywords:

Nitrogen, N fertilizers, N fixation, Loss mechanisms