

Applying wheat quality markers in India



Key details

Location

India

Duration

Start Aug 2010

End Mar 2011

Budget

AUD 63,086

Commissioned organisation

The University of Adelaide

Partners

Directorate of Wheat Research

Project Leader

Paul Fox

Program

Crops

Project code

CIM/2010/014

industry. Australia has elite biscuit cultivars that are expected to perform at levels beyond those of landraces and many other potential sources of genes needed to develop biscuit cultivars adapted to Indian conditions.

Project outcomes

- Identified genes with diagnostic markers of interest to both Indian and Australian wheat breeders.
- Working with Indian wheat breeders, developed strategies for using molecular markers to design crosses for developing biscuit cultivars.
- Identified and transferred to India elite Australian biscuit wheat cultivars to be used as parents in the breeding of biscuit cultivars adapted to Indian conditions.



ACIAR



Overview

This project aimed to provide opportunities for breeding and developing biscuit cultivars. In the long term, it aimed to serve as a model for integrating cross prediction technologies into Indian wheat breeding.

Biscuits are widely consumed in India, but elite biscuit quality cultivars are not available to Indian farmers or