

The forage team of CIAT is recognized as a world leader in the areas of **Brachiaria breeding and forage legume development and linking forages to livestock production systems and clients.**

Brachiaria Improvement

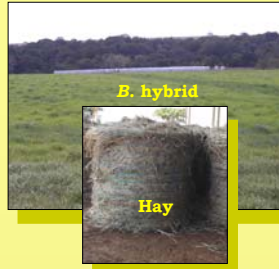
Resistance to major pest and diseases



Resistant Intermediate Susceptible



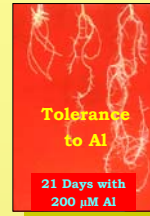
Resistant Intermediate Susceptible



Antibiosis to four species, tolerance to *Aeneolamia varia*



Screening procedure is based on relative root elongation in response to AL (*B. ruziziensis*, *B. brizantha*, *B. decumbens*)



Adaptation to acid soils, and to drought



Rhizoctonia foliar blight disease symptoms, A: BR04-1214; B: BR04-2577; C: CIAT 36061; D: BR04-1754

Selected forage genotypes are evaluated by partners in different environments and production systems.

The forage team develops **methods on participatory evaluation** of forages and inclusion into farming systems.



A New Livestock System - SE Asia

Improved feed, more animals, more income, more time, better livelihoods.



Recent releases of forage materials

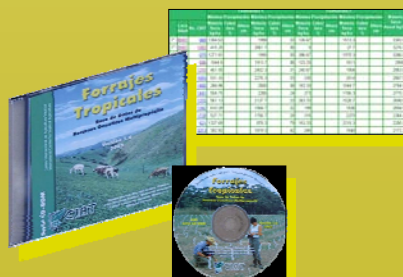


The application of Brachiaria hybrids, is currently applied in pasture systems in LAC and cut and carry systems in SE Asia, with the aim to expand into Sub-Saharan Africa



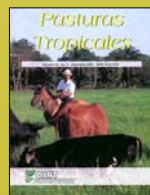
CD Data Base of Tropical Forages

Information on agronomic characterization of 5.374 accessions of grasses and legumes, evaluated in 230 sites of Tropical America and Africa



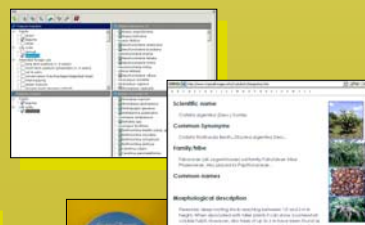
Pasturas Tropicales Journal and CD

More than 500 scientific articles and research notes



SoFT: Selection of Forages for the Tropics

A database of species adaptation and management reflecting 50 years of research and application



CaNaSTA: Crop Niche Selection for Tropical Agriculture

GIS based interactive decision support tool to target potential forage options



Tools are developed with the objective to make experimental data available to a wide range of users, addressing farmers, development projects, NGO's, NARS, IARCs, educational institutions and the private sector. Information is available through the web with more than 200.000 visits in 2006.