

Summary

Since 1987 at the Centro Nacional de Pesquisa de Gado de Corte (CNPGC), Campo Grande,

Minas Gerais, Brazil, 300 accessions of 10 *Brachiaria* species have been evaluated. Leaf damage, caused by fungi, has been observed in some of these accessions. This damage is manifested as chlorotic and necrotic spots (rust), which cause plant death in advanced states.

In the CNPGC laboratory, the presence of a fungus of the genus *Puccinia* was identified initially in leaf lesions. Later, Dr. Mário Barreto de Figueiredo, at the Instituto Biológico de San Pablo, classified this fungus as *Puccinia levis* var. *panici-sanguinalis* Ramachar & Cummins. A list of synonyms of the fungus and of other host grasses is included.