Brachiaria hybrid cultivar (cv.) Mulato II (CIAT 36087)

A superior Brachiaria hybrid combining drought tolerance, resistance to spittlebugs and adaptation to acid, infertile soils was released by a commercial seed company in LAC countries, contributing to improved rural livelihoods through increased efficiency of livestock production and through sale of seed, vegetative planting material and fodder.

Brachiaria hybrid cultivar (cv.) Mulato II (CIAT 36087) is the product of three generations of crosses and screening carried out by the Tropical Forages Project of CIAT since 1989 between Brachiaria ruziziensis (sexual tetraploid), B. decumbens and B. brizantha (apomictic tetraploid).

Mulato II has antibiotic resistance to several spittlebug species such as Aeneolamia reducta, A. varia, Zulia carbonaria, Z. pubescens, Prosapia simulans, Mahanarva trifissa, Deois flavopicta, D. schach, and Notozulia entrerriana. and has exhibited moderate susceptibility to fungal leaf diseases.

Livestock producers who benefit from cv. Mulato II range from large livestock producers in LAC to smallholders in Asia who grow Mulato II to produce high quality forage to feed livestock. Additional economic benefits to smallholders are derived from artisinal seed production of cv. Mulato II as shown in Bolivia and Thailand.

Mulato II was released by the Papalotla Seed Company in 2005. Seed sales in 2005-2006 totaled over 63.5 tons, which is sufficient to sow 13,000 ha (assuming a sowing rate of 5 kg/ha). Seed sales projected for 2007 total over 400 tons, i.e., sufficient to sow 80,000 ha.

Since 2000, CIAT granted the Mexican seed company Semillas Papalotla S.A. rights to the multiplication and commercialization of Mulato II, while maintaining intellectual property rights over the hybrid.