**Arachis pintoi: Potential for Risk Reduction/Productivity Increase in Livestock Systems of the Colombian Orinoquía Region**

Karen Enciso Valencia\(^1\), Álvaro Rincón-Castillo\(^2\), Alejandro Ruden\(^1\), Stefan Burkart\(^1\)

\(^1\)International Center for Tropical Agriculture (CIAT), Tropical Forages, Colombia

\(^2\)The Colombian Agricultural Research Corporation (AGROSAVIA), Colombia

**Abstract**

In parts of the foothills of the Colombian Orinoquía region, bovine livestock production takes place on poorly drained soils. The region is dominated by extensive grazing system with *Brachiaria humidicola* cv. Humidicola. This grass has shown high adaptation potential under temporal waterlogging conditions. However, despite maintaining high yields in terms of biomass, its nutritional quality is low. In many cases, inadequate management practices and low soil fertility result in degradation. As a result of this, a lack of feed is a major constraint in the Orinoquía, particularly during dry season. According to climatic projections for the region, annual precipitation and maximum temperatures will increase and this will negatively affect quantity and quality of forages and increase waterlogging risks. Against this background, AGROSAVIA, in 2013, started agronomic evaluations of forage legumes. They selected *Arachis pintoi* CIA T 22160 (Arachis) as promising alternative for livestock production on soils with waterlogging problems. It showed good agronomic behaviour in terms of nutritional quality, persistence and compatibility with grasses such as Humidicola. Based on the agronomic evaluations, this study assesses milk profitability for livestock production on soils with waterlogging problems. It showed good agronomic behaviour in terms of nutritional quality, persistence and compatibility with grasses such as Humidicola. Based on the agronomic evaluations, this study assesses milk profitability for livestock production on soils with waterlogging problems. It showed good agronomic behaviour in terms of nutritional quality, persistence and compatibility with grasses such as Humidicola. Based on the agronomic evaluations, this study assesses milk profitability for livestock production on soils with waterlogging problems. 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