



UBON STYLO

S. guianensis cv. Ubon



Breeding

Ubon stylo (*Stylosanthes guianensis* cv. **Ubon**) is a blend of four lines (GC 1463, GC 1480, GC 1517, and GC 1579) selected by Dr Bela Grof at the Embrapa Beef Cattle Research Centre, Campo Grande, Brazil in the 1990s. Seeds of these four lines were physically mixed together in order to create greater genetic diversity for durable resistance to anthracnose. Three of the components (GC 1463, GC 1517 and GC 1579) are single-plant selections made in the Philippines by Dr Grof from the hybrid population CIAT 11833 which was selected in the Colombian Llanos by Dr John Miles at CIAT. The fourth component (GC 1480) is from accession CIAT 2340, which originates from the Casanare region of Colombia. Selection for anthracnose resistance was carried out in the Philippines and in regional trials conducted in Brazil



Productivity

Ubon stylo is a perennial stylo, that can grow into a small shrub. It produces between 13 and 18 t/ha dry matter/year in Thailand. In the wet season it averages about 10 t/ha and in the dry season about 5 t/ha.



Crude protein levels

14-20% crude protein in Thailand on poor soils.

Animal production

Liveweight gains of 300-600 g/hd/day have been recorded. Dairy cows grazing Jarra digit grass and Ubon stylo produced 16 litres milk/cow/day in Thailand without any concentrate supplementation.



Grazing management

Can be either rotationally grazed or set stocked. Management depends on the farmer's experience. It prefers grazing to cut-and-carry.

Establishment

Broadcast sown at 6-10kg/ha for pure Ubon stylo pastures. It can be mixed with Mulato II at a sowing rate of 2 kg/ha Ubon stylo and 8 kg/ha Mulato II. Sow the seed on to the soil surface, brush the seed with soil by using tree branches or large brooms. Bury the seed no more than 1-2 cm under the soil. It is easy to plant from rooted tillers. It needs well drained soils to grow well.

Seed

Ubon stylo seed is acid scarified to break hardseededness and produce seed germinations of 99-100% in 3 days. This high and [rapid](#) germination ensures quick pasture establishment.



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