

Description of the typical farm BR1300MT, Brazil

General information

Region	Mato Grosso, Sorriso
Type of farm	Only cash crop
Other enterprise	none
Status as typical farm	pre-panel typical farm
Legal status	Family farm
Tillage system	No tillage with direct seeding
Production system	700 ha fallow as legal reserve On 455 ha of the land corn is planted in double cropping.
Decoupled payments (subsidies)	None
Other subsidies (average of subsidies paid by central government and provinces)	None
Peculiarity regarding the national land market (land taxes etc.)	The legal set-aside program requires farmers in Mato Grosso to preserve 35 % of their total area and take it out of production. If the farm land comprises a river or water source, its surrounding area must be preserved permanently. The size of the permanently protected areas depends on the width of the river and the number of water source.
Any restrictions in place regarding N application?	No

Natural conditions

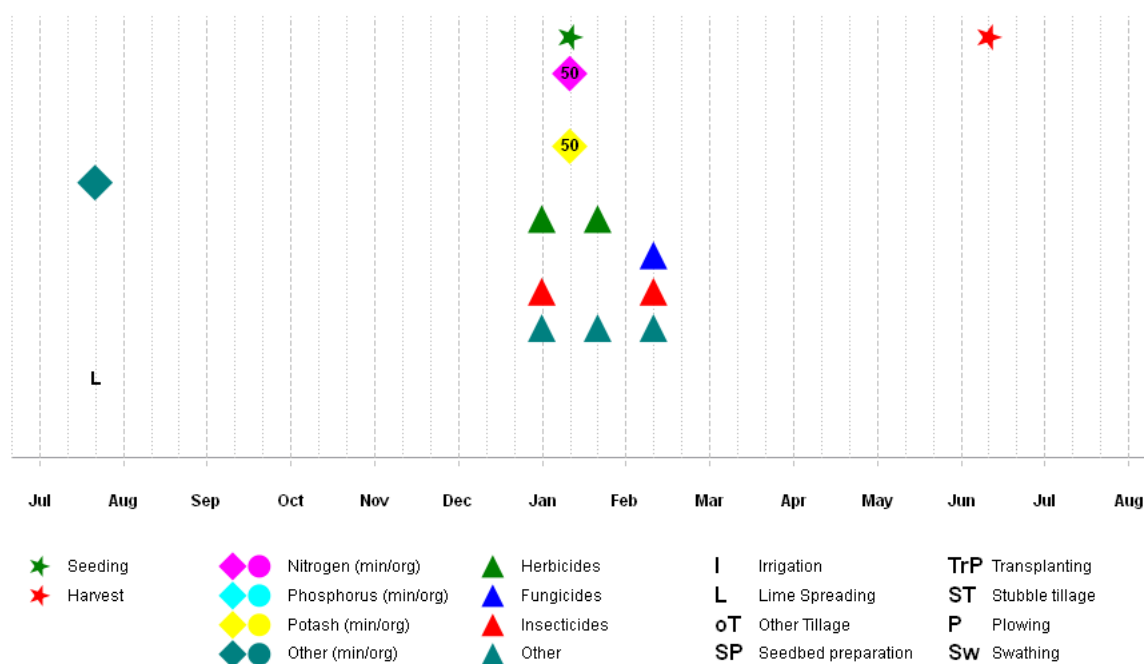
Relief (hills, upland, plains)	Flat area
Elevation (m above sea level)	360 - 400 m
Soil type	Yellow oxisol
Climate	tropical
Main growing season	September - May
Average precipitation per year (mm)	1,600
Rainfall distribution	90 % between October and April
Duration of sunshine or cumulative temperature	u. a.

The Mato Grosso farm owns the total of its 1,300 ha. 45 % of the land is cultivated in double cropping with corn. Both, soybeans and corn are cultivated as GMO variety.

Two family members work full-time on the farm and are supported by four workers who operate the combine and tractor. Thus, the labor endowment amounts to 10.6 h/ha. For the transport from the field to Sorriso City, the farm uses contractors.

The following pictures show the production system and how intensive corn and in particular soybeans are produced on this farm regarding fertilizer application and plant protection.

BR1300MT - corn after soybeans



BR1300MT - soybeans

