

Table 1 The physical characteristics of the experimental units

Description	Location	Area(m ²)	Slope (%)	Surface condition
Micro-basin 1	Exp Basin of Sumé	6,200	7.0	Natural vegetation
Micro-basin 2	Exp Basin of Sumé	10,700	6.1	Natural vegetation
Micro-basin 3	Exp Basin of Sumé	5,200	7.1	Cleared bare
Micro-basin 4	Exp Basin of Sumé	4,800	6.8	Cleared bare
Erosion Plot 1	Exp Basin of Sumé	100	3.8	Cleared bare
Erosion Plot 2	Exp Basin of Sumé	100	3.9	Mulching
Erosion Plot 3	Exp Basin of Sumé	100	7.2	Mulching
Erosion Plot 4	Exp Basin of Sumé	100	7.0	Cleared bare
Erosion Plot 5	Exp Basin of Sumé	100	9.3	Natural vegetation
Erosion Plot 6	Exp Basin of Sumé	100	4.0	Cactus down slope
Erosion Plot 7	Exp Basin of Sumé	100	4.0	Cactus on contour
Erosion Plot 8	Exp Basin of Sumé	100	4.0	Bare and tilled
Erosion Plot 9	Exp Basin of Sumé	100	4.0	Nat. veg. regrown
Micro-basin 5	Exp Basin SJ Cariri	1,800	7.5	Generally bare
Micro-basin 6	Exp Basin SJ Cariri	1,600	6.9	Generally bare
Micro-basin 7	SJ de Cariri Basin	16,300	7.1	Generally bare
Erosion Plot 10	Exp Basin SJ Cariri	100	3.4	Cleared bare
Erosion Plot 11	Exp Basin SJ Cariri	100	3.6	Cleared bare
Sub basin 1	Exp Basin SJ Cariri	59x10 ⁴	--	Bare and sparse veg.
Sub basin 2	Exp Basin SJ Cariri	32x10 ⁴	--	Bare and sparse veg.

Obs: For micro-basins, the slope indicated is the average surface slope.