

Table S1: Areas sampled to assess *Stenocarpella* spp. inoculum.

Field	Crop Rotation	System ¹	City	Stalk ²	Coordinate
1	Maize-Soybean	No-tillage/CR	Madre de Deus de Minas	D	21°24'15"S/ 44°13'08"W
2	Maize-Soybean			P	21°24'15"S/ 44°13'08"W
3	Maize-Bean-Soybean			D	21°26'5"S/ 44°14'11"W
4	Maize-Soybean			E	21°39'32"S/ 44°32'58"W
5	Maize-Bean			P	44°32'58"W
6	Maize-Soybean	No-tillage/CR	Piedade do Rio Grande	E	21°23'14"S/ 44°10'31"W
7	Soybean-Maize-Soybean	No-tillage/CR	São Vicente de Minas	P	21°39'32"S/ 44°32'58"W
8	Soybean-Maize-Soybean			E	
9	Maize-Wheat-Soybean	No-tillage/CR	Minduri	P	21°39'32"S/ 44°32'58"W
10	Maize-Maize	No-tillage/M		E	21°39'32"S/ 44°32'58"W
11	Maize-Maize	No-tillage/M	Cruzília	E	21°42'46"S/ 44°47'52"W
12	Maize-Wheat-Maize	No-tillage/CR	Conceição do Rio Verde	E	21°56'32"S/ 45°02'59"W
13	Soybean-Wheat-Maize			P	21°55'45"S/ 45°07'08"W
14	Maize-Maize	No-tillage/CR Conventional	Nepomuceno	E	21°14'22"S/ 45°19'08"W
15	Maize-Bean			D D	21°15'22"S/ 45°20'24"W
16	Maize-Soybean	No-tillage/CR	Boa Esperança	P	21°14'47"S/ 45°21'16"W
17	Maize-Maize	No-tillage/M		E	21°09'50"S/ 45°33'56"W
18	Maize-Soybean	No-tillage/CR		P	
19	Maize-Maize	No-tillage/M	Campos Gerais	D	21°17'37"S/ 45°49'28"W
20	Maize-Soybean	No-tillage/CR		D	21°17'53"S/ 45°50'09"W
21	Maize-Maize	No-tillage/M	Alfenas	D	21°38'26"S/ 45°54'03"W
22	Maize-Soybean	No-tillage/CR	Machado	E	21°40'52"S/ 45°51'27"W
23	Maize-Maize	No-tillage/M	Carmo da Cachoeira	E	21°32'56"S/ 45°14'05"W

24	Maize-Maize	Conventional	Campo Belo	D	20°52'50"S/ 45°15'38"W
25	Maize-Soybean	No-tillage/CR	Arcos	D	20°23'21"S/ 45°31'16"W
26	Maize-Maize	No-tillage/M		P	20°23'06"S/ 45°30'33"W
27	Maize-Soybean	No-tillage/CR	BambuÍ	D	20°03'04"S/ 45°53'57"W
28	Maize-Soybean			E	19°53'55"S/ 45°58'34"W
29	Maize-Soybean	No-tillage/CR	Iguatama	D	20°08'29"S/ 45°44'13"W

¹CR - crop rotation, M - monoculture; ²Stalks size: D-disintegrated, P- partially disintegrated and E-entire