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| **Supplementary Table S1.** Conditions of cultivation of coffee plantations and use of insecticides to manage the coffee leaf miner in six coffee farms in the Planalto region, Bahia, Brazil. |
| Property\* | Irrigation System | Nº of insecticide applications(2020 - 2021) | Insecticides used | Period of application |
| VDC | Dryland | - | No use of insecticide in the last 15 years | - |
| BCH1 | Dryland | 5 | abamectin, chlorantraniliprole, hydrochloride of cartape, cypermethrin, imidacloprid, and thiamethoxam. | 2020 (May, December)2021 – (March, February, September) |
| BCH2 | Dryland | 4 | abamectin, acetamiprid+bifenthrin, alpha-cypermethrin, beta-cyfluthrin, chlorantraniliprole, hydrochloride of cartape, cypermethrin, imidacloprid, lambda-cyhalothrin, teflubenzurom, thiamethoxam + cyproconazole | 2020 (May and December)2021 – (February and March)  |
| MUC1MUC2MUC3 | Center pivot DripCenter pivot | 1086 | abamectin, acetamiprid+bifenthrin, beta-cyfluthrin, chlorantraniliprole, deltamethrin, imidacloprid, prophenophos+lufenurom, thiamethoxam + cyproconazole, thiamethoxam | 2020 (January, February, March, October, November)2021 – (February, March, April, and November)  |
| \*VDC1 = Vitória da Conquista; BCH1 = Barra do Choça; BCH2 = Barra do Choça; MUC1 = Mucugê; MUC2 = Mucugê; MUC3 = Mucugê. |

**Supplementary material**