

## Supplementary data S1

Coffee leaf rust incidence (%) at three coffee farms from South Kona District of Hawaii Island. Data correspond to coffee season 2021 and 2022.

Season	Farm	Jan–Feb	Mar–Apr	May–Jun	Jul–Aug	Sep–Oct	Nov–Dec
2021	1	3.7	3.8	1.7	7.2	48.4	76.7
	2	0.9	2.2	0.7	NA	16.1	21.2
	3	0	2.3	2.2	2.3	3.2	5.8

Season	Farm	Jan	Feb	Mar	Abr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2022	1	76.6	66.5	44.5	15.5	11.4	10	5.9	18.6	14.2	12.7	20.3	43.2
	2	19.5	3	1	0.3	0.33	0.3	0.6	0.9	1.7	3.8	17.6	20
	3	5.8	3	2.9	0.2	0.3	5	3.4	2.9	1	0.5	0.6	3.1