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Table 2. Maximum distances where mortality is above 95% (Distance Eff > 95%)

Cannon Setting	Martignani B748		Martignani B748		Tifone City 300	
	Martignani - Aquabac XT		Martignani - Vectobac WG		Tifone - Aquabac XT	
	Test	Distance Eff > 95%	Test	Distance Eff > 95%	Test	Distance Eff > 95%
horizontal	A1	30	V1	20	TA1	85
horizontal	A2	40	V2	20	TA2	85
horizontal	A3	40	V3	40	TA3	85
25° w/o obst	A4	20	V4		TA4	85
25° w/o obst	A5	30	V5		TA5	
25° w obst	A6	20	V6	20	TA6	25
25° w obst	A7	20	V7	20	TA7	17

(ii) The effect of sprayer is visible when comparing Martignani and Tifone with Aquabac XT. In the case of Tifone fitted with ATR (small droplet size nozzles), a max distance efficiency of 85 m is obtained, compared to 40 m for the Martignani due to coarser droplet sizes.
(iii) Vectobac WG formulation was less efficient compared to Aquabac XT, due to a lower concentration of active ingredients and a lower application volume.