

Sola-Guirado R R, Castro-García S, Blanco-Roldán G L, Gil-Ribes J A, González- Sánchez E J. Performance evaluation of lateral canopy shakers with catch frame for continuous harvesting of oranges for juice industry. *Int J Agric & Biol Eng*, 2020; 13(3): 88–93.



Figure 1 Tractor-drawn citrus harvesters (left) and canopy shaker mechanism descriptions (right) tested for a lateral harvesting of the trees. Oxbo 3210 (top), Samolive (center) and Mediolive (bottom)



Figure 4 Tree damage classification caused by mechanical harvesting with lateral canopy shaker harvesters: low tree damage (left), moderate tree damage (central) and severe tree damage (right)

Ye H C, Huang W J, Huang S Y, Cui B, Dong Y Y, Guo A T, et al. Identification of banana fusarium wilt using supervised classification algorithms with UAV-based multi-spectral imagery. *Int J Agric & Biol Eng*, 2020; 13(3): 136–142.

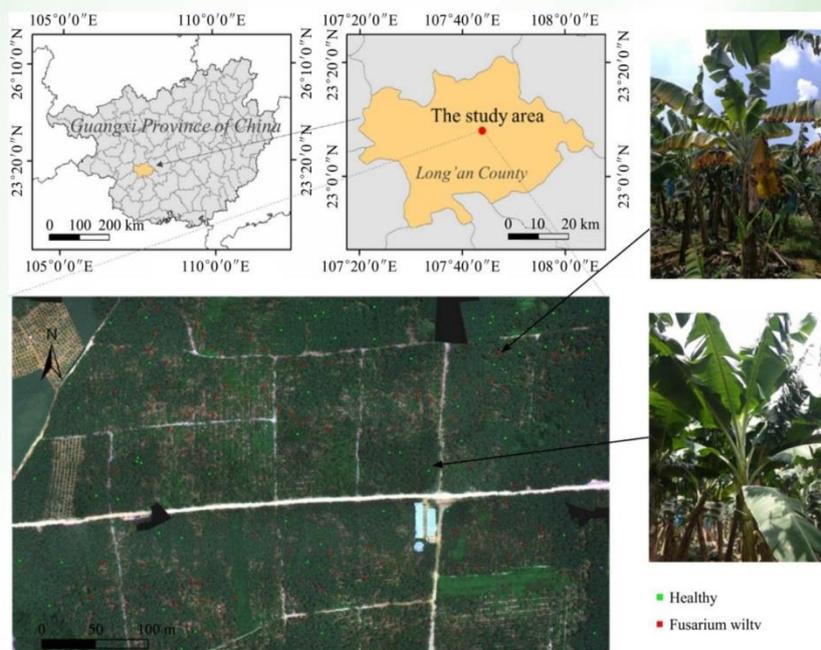


Figure 1 Location of the study area and distribution of ground survey sites

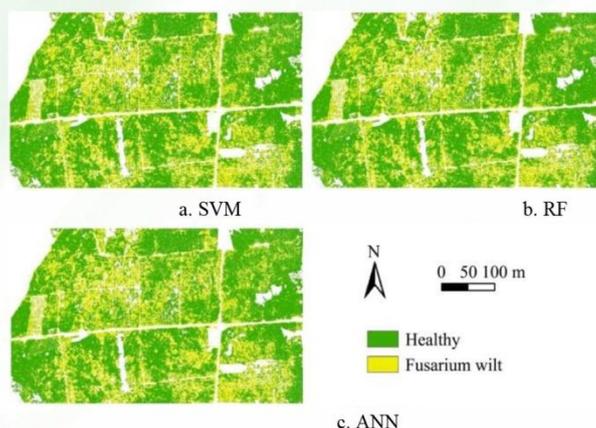


Figure 2 Maps of the spatial distribution of banana Fusarium wilt infected regions in the study area using SVM, RF and ANN classifiers with the inclusion of the red-edge band

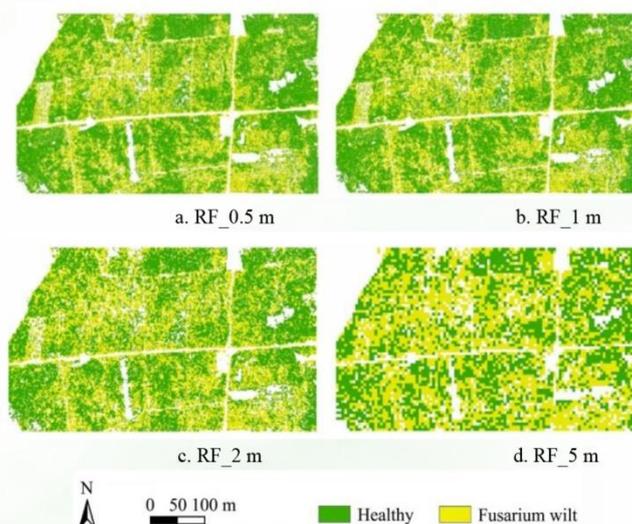


Figure 3 Maps of the spatial distribution of banana Fusarium wilt infected regions in the study area using RF classifier with the inclusion of the red-edge band for different resolution images