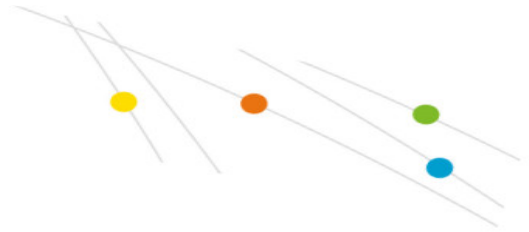


Élimination des pucerons de la noix de pécan sous l'effet de pulvérisations de nitrate de potassium et de surfactant

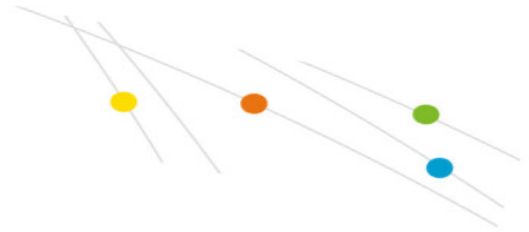
Le but de cette étude était de vérifier si une pulvérisation précoce de nitrate de potassium et de surfactant (NP+S) sur les pacaniers augmenterait le rendement en noix. Les traitements n'ont pas influencé les composantes du rendement, la nutrition en K ni la photosynthèse nette, mais ont éliminé une population de pucerons jaunes des pacaniers. Des pulvérisations d'eau seule ont éliminé des pucerons, et l'ajout de KNO_3 (0,5 %) et de surfactant (0,15 %) a augmenté l'efficacité de l'élimination (Figure 1).

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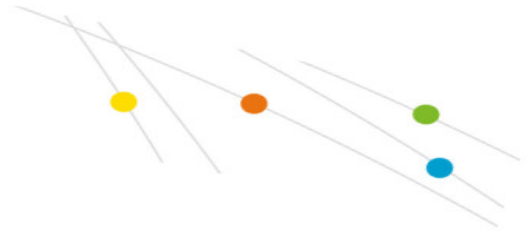


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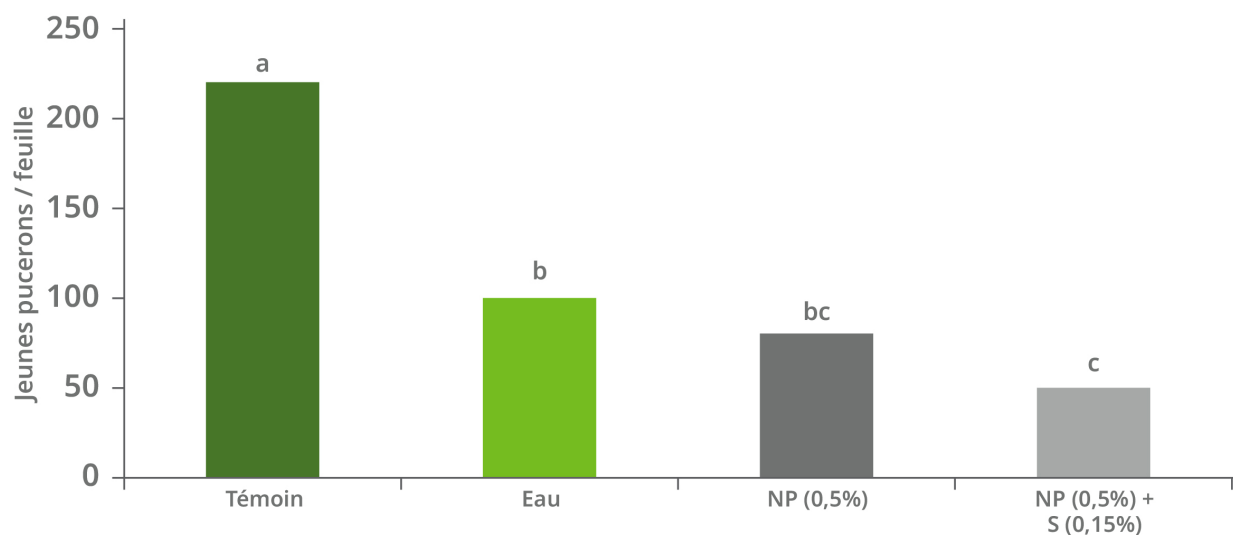
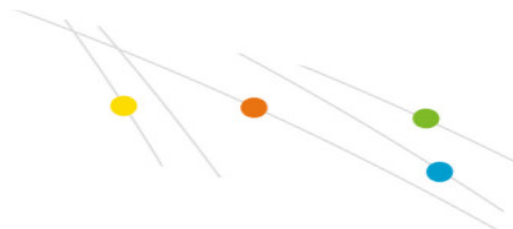


Figure 1. Influence des pulvérisations foliaires sur les populations jeunes de pucerons jaunes des noix de pécan sur le feuillage des pacaniers 1 jour après pulvérisation. Traitements : témoin (pas de pulvérisation), eau, NP (nitrate de potassium) et S (surfactant : détergent Sears à base de phosphate trisodique).

Wood, B. W., J.A. Payne et M.T. Smith. 1995. Suppressing pecan aphid populations using potassium nitrate plus surfactant sprays. HortScience, 30 (3): 513-516.