

Attraction of the Garden Thrips, *Frankliniella intonsa* (Thysanoptera: Thripinae), to Colored Sticky Cards in a Nonsan Strawberry Greenhouse

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The garden thrips, *Frankliniella intonsa* (Trybom) (Thysanoptera: Thripinae) was discovered damaging foliage and fruit of strawberry in Nonsan, Chungnam, the thrips had spread to most of strawberry growing greenhouses and it now infests >50% of productive area. *F. intonsa* adults and larvae have been recorded as economic pests of strawberry and host plant surveys suggest this species feeds exclusively on immature strawberry leaves and fruit.

Colored sticky traps may potentially be a rapid, cost-effective tool for monitoring *F. intonsa* population densities in strawberry growing greenhouses. Sticky traps provide a simple method of obtaining relative estimates of thrips population densities with little effort. Sticky traps may measure pest populations more readily than labor-intensive absolute monitoring methods, as traps continuously catch and retain specimens without constant human management. The utility of sticky traps as tools for monitoring pestiferous thrips have been evaluated for efficacy in greenhouses.

The purpose of the work presented here was to determine the preference of *F. intonsa* to sticky traps that were blue, yellow, or white colors with known attractiveness to thrips. Blue, Yellow, and white sticky cards were tested in an strawberry greenhouse for their attractiveness to *F. intonsa*. Population of thrips, number of captured thrips, and number of thrips per strawberry flower at every Wednesday and Saturday from 24th May to 4th June, 2003.