

**RESISTANCE TO SILVERLEAF WHITEFLY IN THE COTTON RELATIVE,  
*Gossypium thurberi***

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Three cotton, *Gossypium hirsutum* L., cultivars and the cotton relative, *G. thurberi*, were evaluated in the field for resistance to the silverleaf whitefly, *Bemisia argentifolii* Bellows and Perring, in Imperial Valley, CA. The cultivars were DP 5415, Siokra L23 and Stoneville 474. Trial entries were evaluated for colonization by silverleaf whitefly as numbers of adult, eggs and nymphs. In the field trial, *G. thurberi* had very low numbers whitefly adults, eggs and nymphs, followed by Siokra L23, DP 5415 and Stoneville 474. In contrast, in a greenhouse trial on potted seedlings, silverleaf whitefly had higher nymphal survival and shorter development time on *G. thurberi* compared to DP 5415. Further studies are needed to determine why *G. thurberi* is so resistant to silverleaf whitefly in the field, while it is more susceptible than commercial cotton when tested as potted seedlings in the greenhouse.