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Cold tolerance of *Trissolcus japonicus* and *T. cultratus*, potential biological control agents of *Halyomorpha halys*, the brown marmorated stink bug

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ABSTRACT

Halyomorpha halys (Stål) (Hemiptera: Pentatomidae) is native to Asia and has become a severe agricultural and nuisance pest in the U.S. Therefore, foreign exploration was conducted in Asia to identify potential classical biological control agents. Several *Trissolcus* spp. (Hymenoptera: Scelionidae) parasitize *H. halys* eggs in Asia and are being evaluated for potential release in the U.S. Since *H. halys* has invaded regions that experience sub-zero winter temperatures, cold

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