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Sommario/riassunto	"The Nantucket pine tip moth, Rhyacionia frustrana (Comstock) (Lepidoptera: Tortricidae), is a common pest of pine plantations throughout the Southern United States. The objectives of this study were to predict the phenology of R. frustrana populations throughout the Western Gulf region, and to provide optimal spray periods for locations that have three or four generations annually. The thermal requirements necessary to complete a generation were obtained from published data, and used in conjuction with historical temperature data to model phenology throughout the region. Four generations were predicted to occur annually throughout many of the pine producing regions of Louisiana, northeastern Texas, and southern Arkansas. Three generations were predicted for the Ozark and Ouachita Mountain ranges in Arkansas. Five generations were predicted for extreme southern portions of Louisiana and throughout southeastern Texas. Spray timing prediction values were also obtained from published data and used to predict optimal spray periods based on 5-day increments for each location where either three or four generations occurred"--P. [1].