

Chrysodeixis chalcites

Golden Twin Spot Moth

SCREENING AID



Resting pose,
golden form



Photo by Jocelyn Gill, CNC

Wingspan 40 mm (~1½ inches)

Forewing:

- Approximately 17 mm in length
- golden-orange to bronze-brown
- with a small black dot in the middle of the outer margin
- with two oval silver or white markings of similar size, which may be separate or united

Hindwing:

- brown-gray and darker toward margin, with dark gray veins

Abdomen:

- males with tufts of black scales at apex on ventral side

Chrysodeixis chalcites (Esper) (Lepidoptera: Noctuidae: Plusiinae) has a limited distribution in Canada. It is externally identical to *Chrysodeixis eriosoma* (Doubleday), which has not been found in the Continental U.S. Because they are very similar to several North American Plusiinae, especially *Chrysodeixis includens* (Walker), the soybean looper, dissection of genitalia and DNA-barcoding is necessary for final species determination.

This screening aid was prepared by Julieta Brambila (USDA/APHIS/PPQ) and Steve Passoa (USDA/APHIS/PPQ) for CAPS (Cooperative Agriculture Pest Survey program). The spread-moth image was taken by Jocelyn Gill of the Canadian National Collection, and the resting pose image of the golden form was used with permission from Buggwood.org, taken by Paolo Mazzei from Italy.