

Crops Bulletin

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*Serving Clay, Buena
Vista, Dickinson,
Emmet, Kossuth, and
Palo Alto Counties*

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Black cutworm. Black cutworm larvae are expected to be large enough to damage corn beginning the week of May 25. This date was delayed slightly due to some cool mid-May weather.

Corn replant. Northwest Iowa continues to be the garden spot of the mid-west. The good planting conditions have translated into good conditions for stand establishment. Many corn fields have emerged stands that are 90 to 95% of the seed drop.

The replant threshold would currently be about 20,000 plants per acre (assuming evenly spaced, healthy plants). Corn replanted on about May 25 would be expected to yield about 87% of normal. See

<http://www.extension.iastate.edu/CropNews/2009/0514elmoreabendroth.htm> for more info.

Weed competition. Bob Hartzler, ISU weed scientist, completed a study at the North Iowa Research Farm at Kanawha in 2008 that shows how early season weed competition can damage yield potential. This study was conducted under very heavy weed pressure.

Corn stage	number of days	bu/a lost/day
VE to V2	16	0.5
V2 to V4	14	1.1
V4 to V5	7	17.2

This study not only shows the importance of early season weed control but also the speed at which that competition increases as the crop stage advances.

Asian soybean rust. Soybean rust remains at low levels in the Southeast United States. The incidence of rust has increased slightly in Louisiana. Spore movement is likely limited because of limited sources of rust in the Gulf Coast areas. Additional info can be accessed at <http://www.plantpath.iastate.edu/soybeanrust/node/88>

ISU Research Farm Field days.

- June 25, North Iowa, Kanawha, 9:00 to 1:00.
- June 30, Northwest, Sutherland, 9:30 to 1:00.

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