

Crops Bulletin

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Issue 7



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Replant information on soybeans.

- Consider 75,000 plants per acre as a minimum stand level when replanting in early June.
- Soybeans stands as low as 60,000 plants/acre can be used if plants are healthy and the stand is uniform.
- 75,000 plants per acre is about 5 plants per foot in 38 inch rows, 4 per foot in 30 inch rows, and 1 per foot of row in 7 inch rows.
- Early group II soybean varieties can be used for replant until mid-June. Use a late group I maturity group after mid-June.
- Soybeans replanted by June 10 should yield 85 to 90% of normal.
- Numerous 1 to 2 foot gaps in the stand will add 3 to 5% more yield loss.

Seed treatment and replant. Consider seed treatment on replant soybeans. Seed treatments that have Apron and/or Maxim can be beneficial with June replant conditions. Phytophthora root rot can be more aggressive when soil conditions are both wet and warm.

ICM News. See <http://www.extension.iastate.edu/cropnews/> for more info on replant, crops under water, fungicide treatments, weed management, etc.

Nitrogen tests. The late spring nitrogen test (LSNT) can be useful to confirm nitrogen (N) levels or nitrogen needs. Fields that have had manure where the N content was in question, fields with excessive rainfall, or fields where N rates were questionable may be good candidates for the LSNT. See <http://www.agron.iastate.edu/soiltesting/LSN.pdf> for more info.

FEEL Lab sessions. Registration is now open for all the 2008 FEEL (Field Extension Education Lab) events. Go to <http://www.aep.iastate.edu/feel/homepage.html> for registration info.

Field days.

June 25, Northwest Iowa Research farm at Sutherland, 9:00 to 1:00, crop and pest topics.

July 1, Northern Iowa Research Farm at Kanawha, 9:00 to 1:00, crop and pest topics.