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Cover

Soybeans awaiting harvest in Champaign County, Illinois. The crop is a
recently released cultivar (Beeson) having higher yields than older culti-
vars. The high yields are associated with avoidance of midday water defi-
cits that are often encountered by older cultivars despite adequate water in the
soil. See page 443. [J. S. Boyer, U.S. Department of Agriculture, University of
Illinois, Urbana, Illinois 61801]