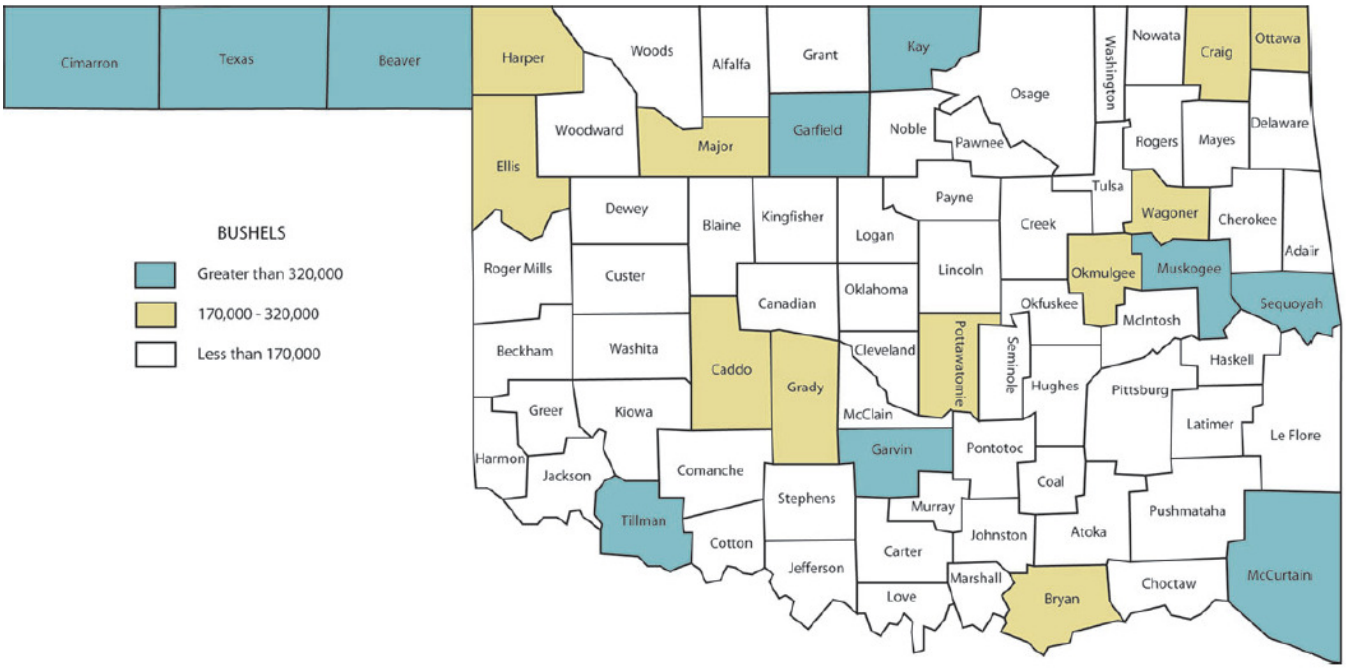CORN PRODUCTION