

# ET and Precipitation during the 120 day corn growing season in 2000

Freddie Lamm  
Research Agricultural Engineer  
Kansas State University  
Northwest Research Extension Center  
Colby, Kansas  
flamm@oznet.ksu.edu

Cumulative precipitation and corn evapotranspiration for the 120-day corn growing period at Colby, Kansas from May 8, 2000 through September 4, 2000 was 6.18 inches and 25.85 inches, respectively. The long term average (1972-99) precipitation and corn evapotranspiration for the more typical 120-day period running from May 15 through September 11 is 12.61 inches and 22.56 inches, respectively.

The decreased precipitation and increased evapotranspiration essentially means that there was an approximately 9.72 inches greater irrigation requirement in the year 2000. Timing of precipitation and evapotranspiration periods can increase or decrease the need to schedule irrigation to some extent.

