

**SECTION 683.21 CONSUMPTIVE  
USE AND OTHER LIMITING  
FACTORS OF:**

**CORN**

Total Growing Period	100 to 140 days
Maximum % of depletion allowable of AWC to optimize yield	55%
Critical growth period (lack of water will dramatically affect yield)	Flowering period from tasseling and silking and pollination to grain filling
Periods of reduced water (lack of water won't change the yield as dramatically)	Vegetative and ripening
Sign of serious moisture stress	Lead curl by 10:00 a.m.
Other considerations and constraints	When water is limited, it is advantageous to meet full water requirements on a limited acreage rather than spreading the limited water over a larger acreage.