

**Table 4** Water Requirements for **Corn** Based on Various Stages of Growth and Maturity

Stage of Growth	Growth Stage	Approx. No. Days to Maturity	Water Use to Maturity in Inches
R2	Blister Kernel	45	12.0
R3	Milk	40	10.5
R4	Dough	33	8.0
R5	Beginning Dent	20	4.5
	¼ Milk Line	15	3.2
	½ Milk Line – Full Dent	10	2.0
	¾ Milk Line	5	1.0
R6	Physiological Maturity – Black Layer	0	0.0

**Table 5** Summary Corn Water Use to Determine last Irrigation

Days after Planting	Growth Stage	Inches Water per Day	Inches Water per Week
60-70	Silking	0.25	1.75
70-100	Early Grain Fill	0.33	2.30
100-110	Mid Grain Fill	0.25	1.75
110-120	Maturity to Black Layer	0.23	1.60