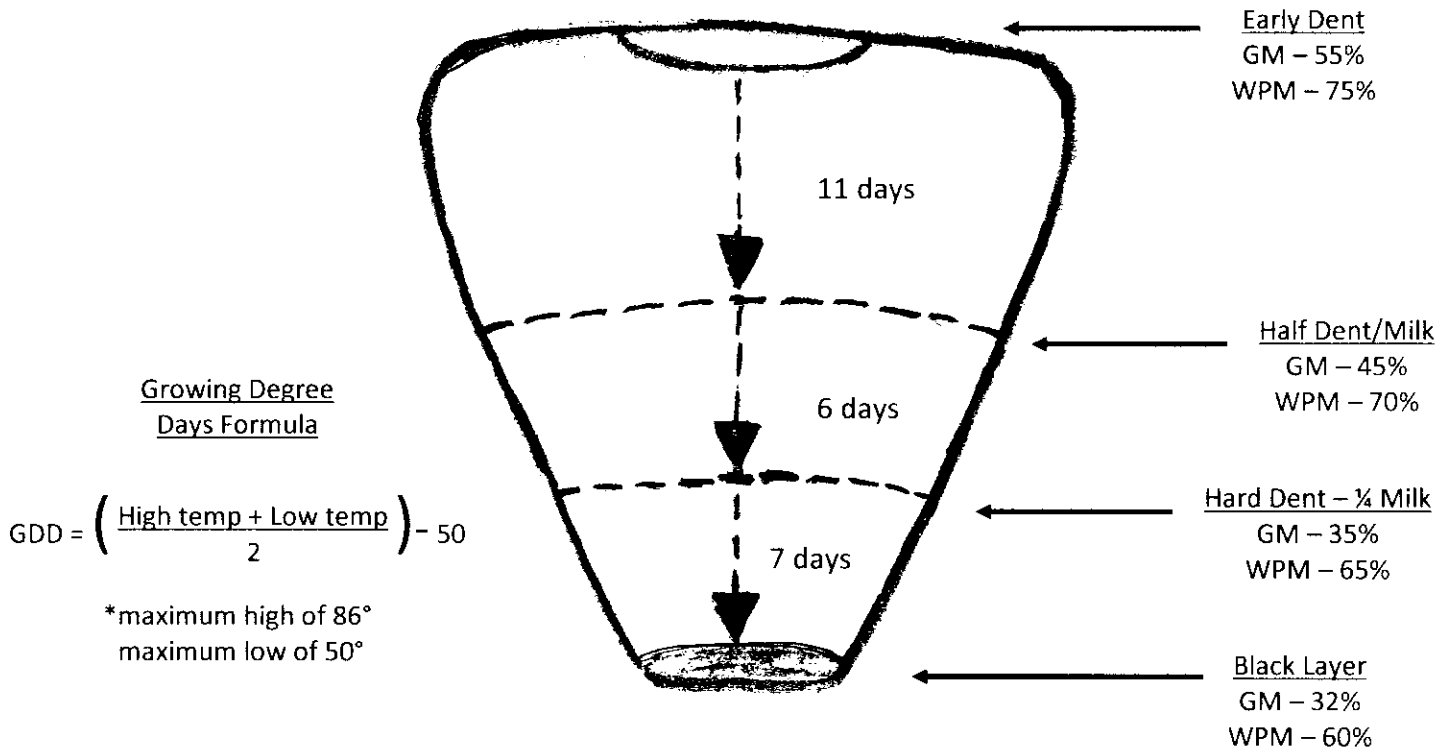


# Dairyland Laboratories, Inc.

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## Corn Maturity Rate at Average Wisconsin Temperatures



**Table 1. Relationship Between Kernel Growth Stage and Development**

Stage	Calendar Days to Maturity (Average)	Growing Degree Days (GDD) to Maturity	% of Maximum Yield		Moisture Content %	
			Grain	Whole Plant	Grain	Whole Plant
Silk	50-55	1100-1200	0	50-55	---	80-85
Blister	40-45	875-975	0-10	55-60	85-95	80-85
Late Milk-Dough	30-35	650-750	30-50	65-75	60-80	75-80
Early Dent	20-25	425-525	60-75	75-85	50-55	70-75
Fully Dented*	10-15	200-300	90-95	100	35-40	65-70
Phys. Mat. **	0	0	100	95-100	25-35	55-65

\* Kernel Milk-Line moved 1/2 to 3/4 the distance between crown and base.

\*\* Black Layer formation and/or milk disappearance from kernel under normal development. Premature frost or extended cold temperatures may cause black layer formation at earlier stages and wetter moistures.

Table taken from UW Extension