

Agronomy 212 – Crop Growth, Productivity, and Management

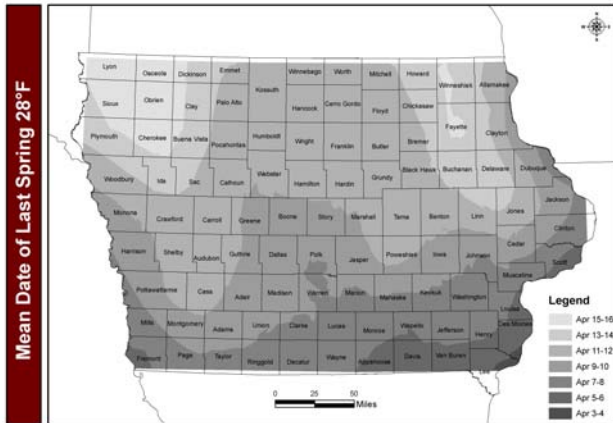
Soybean - Planting

Considerations

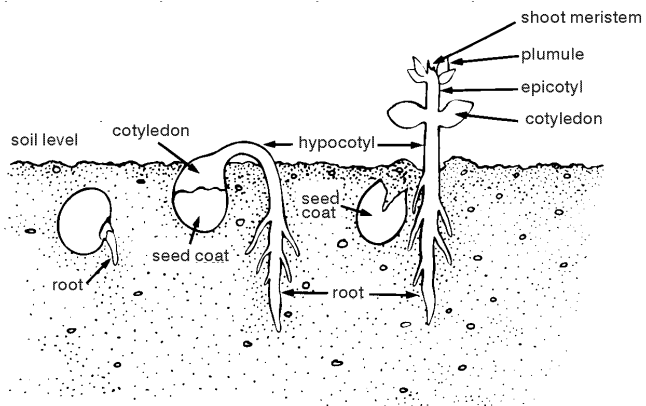
Critical Spring Planting Period



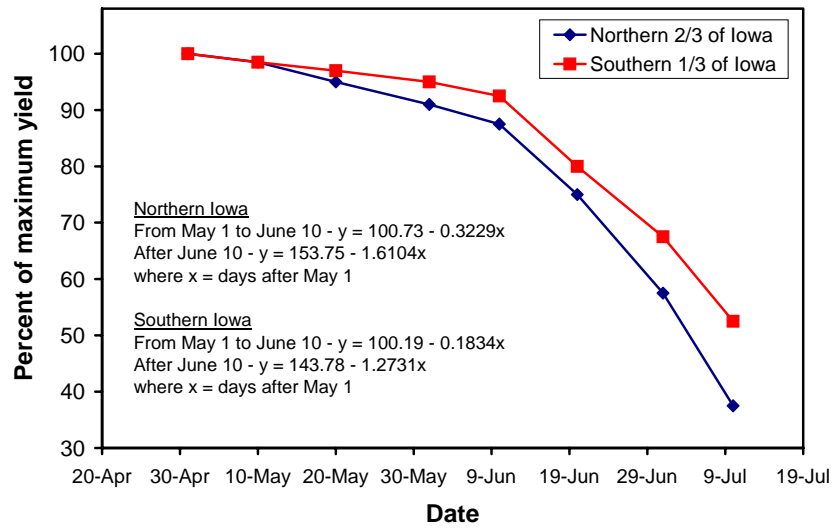
Spring Freeze Risk



For these odds	Add this number of days
1 in 3	5
1 in 4	7
1 in 5	9
1 in 10	14
1 in 20	18



Yield Loss from Delayed Planting

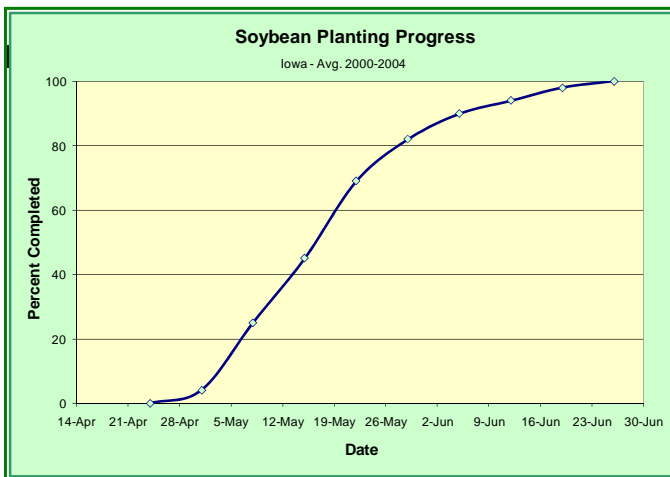


Planting Date vs. Plant Height

Planting Date vs. Maturity

Weed Management

General Guidelines for the Central Corn Belt

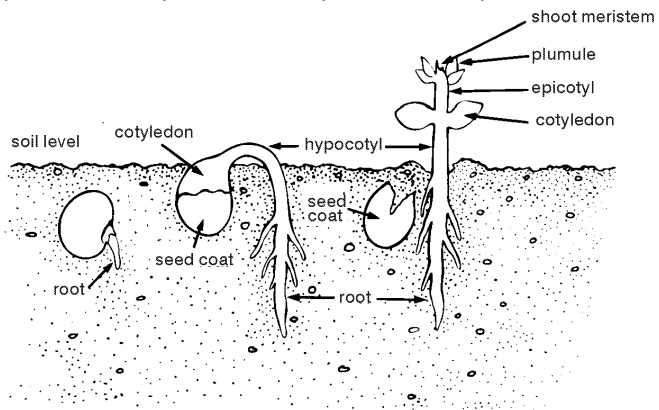


Planting Depth	Relative emergence*
Inches	%
¾	
1	
1 ½	
2 ½	

*Based on emergence at 1-inch depth

Soybean Emergence

Soybean Seedling



Soil Surface Crust

Relative soil crust strength	Soil moisture	
	Field capacity	25% available
Low	% emergence	
High		

Soil Moisture

Late Planting or Replanting

