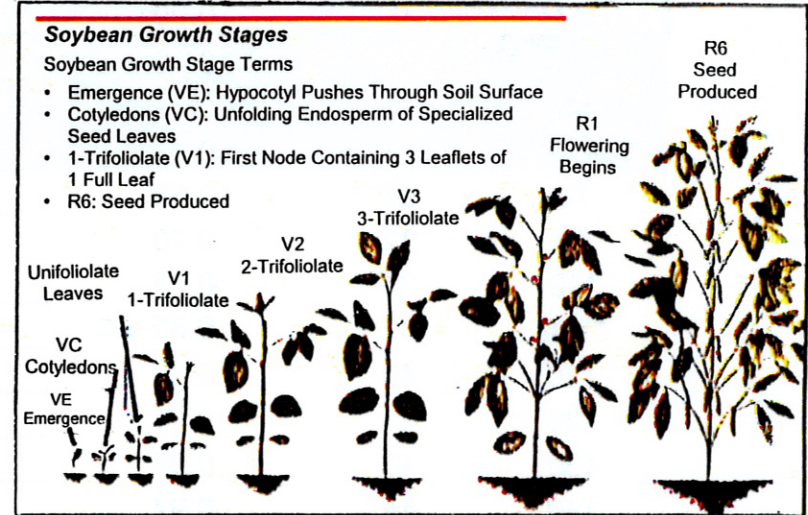
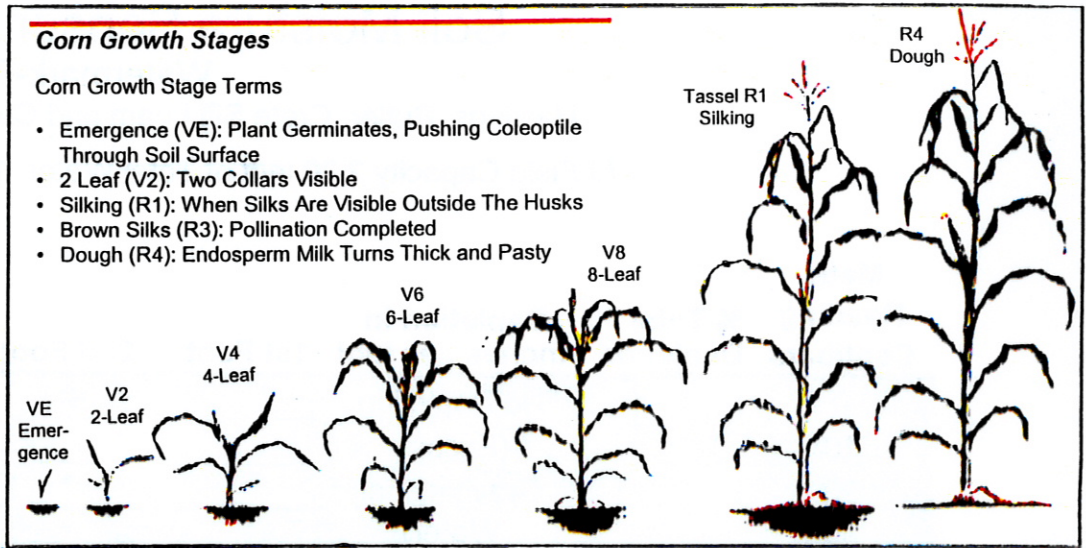


Sample Worksheet

Root Depth	Crop		
	Corn	Soybeans	Wheat
1'	V4	V1 (1st Node)	V. Crown
1.5'	V8	V2 (2nd Node)	Jointing
2.0'	V12	Begin Bloom	Boot
2.5'	V16	Full Bloom	Heading
3.0'	Silking	Begin Pod	Flowering
3.5'	Blister		Grain Fill
4.0'	Begin Dent	Full Seed	Ripening



Example

Depth	Reading	Water Depleted (in.)	Your Readings	Water Depleted
1st Foot	90	0.78	<input type="text"/>	<input type="text"/>
2nd Foot	60	0.47	<input type="text"/>	<input type="text"/>
3rd Foot	50	0.32	<input type="text"/>	<input type="text"/>
Total Water Depleted		1.57	Total	<input type="text"/>

ET Rate

Corn is in the silking stage
 $3 \times 1.10 = 3.30$ (Rooting Depth times Plant Available Water)
 $3.30 - 1.57 = 1.73$ (Total Water subtract Water Depleted)
 Then (Water Depleted divided by ET Rate)
 $1.73 / 0.30 = 5.76$ days before next irrigation

ET rate is determined by ET gage