Arabidopsis Regeneration Scoring Sheet. **Chamber Used_____**
Expt: __Expt:_____
Ecotype__ Treatment/Plate Name: _____
Regeneration Chamber Conditions: Temp: _____˚C_constant_ %RH-_____
Daylength_____hrs **Light Levels_____**µMol m2 sec_**Type:**_Fluorescent

DATES OF PROTOCOL STEPS FOLLOWED:

	Germinated	Tissue Transplant Wounding	Media Type? _CIM__	Media Type? _SIM__	Media Type? _SIM___	Scoring 1 2weeks post-wound	Scoring 2 3weeks post-wound	Scoring 3 4weeks post-wound	Scoring 4 5 weeks post-wound
Date									

SCORING:

Trait	2wk score	3wk score	4 wk score	5wk score
Callus? (x/total)				
Embryogenic callus (x/total)				
~Green tissue size (new growth/cotyledon)				
# explants with Shoots (x/total)				
# explants with Roots (x/total)				
Interesting Features				
Check if Scan Taken (x)				
Notes				

OVERALL GROWTH SCORE
(0=almost no regen tissue; 1=<1/4 green; 2=>1/2 green+ whole green callus; 3=all green, shooty, vital)

	2 wk score	3 wk score	4 wk score	5wk score
Score (0-3)				

FINAL SHOOTING SCORE AT 4 or 5 WEEKS AFTER TISSUE WOUNDING

	Total # Explants	# Explants with shoots	#Explants with roots	Pooled Mass of Tissue (g)	Calculate Avg Mass Per Explant (g)	Pooled Mass of Shoots + calli (dissect)	Pooled mass of roots (dissect)
Plate A							
Plate B							
Plate C							
Sum (Raw)					Mean mass/explant:		