

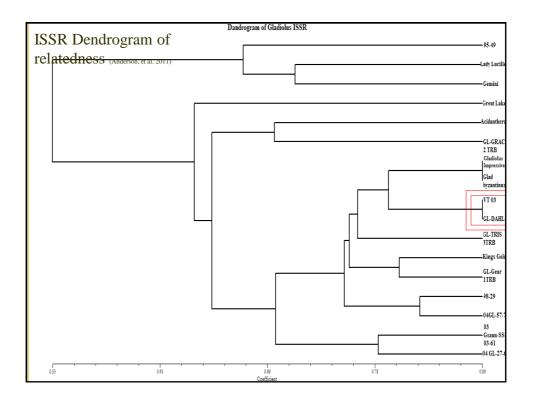




'Beatrice' Lab Freezing Tests: scores for corm tissues (1-5 scale)

Temp.	Basal Plate	Stem, Main axis	Apical Meristem	Corm tissues	
0C	5	5	5	5	
-3C	4.5	5	4.5	5	
-6C	4.5	5	3.5	4.5	
-10C	4	4	3.5	4.5	
-12C	3.5 (LT ₅₀)	4	3.5 (LT ₅₀)	4.5	





Hardiness Heritability (h ²)									
Crossing Group	No. Roots	Root Length	Corm damage	Shoot Length					
Hardy x hardy	0.08	0.29	-0.04	-0.43					
Hardy x Non-hardy	0.31	0.37	0.08	0.19					
Non-hardy x Non-hardy	0.67	-0.14	0.15	-0.15					
(Anderson, et al. (2011). Heritability of cold tolerance (winter hardiness) in <i>Gladilus xgrandiflorus</i> . InTech, Plant Breeding.)									









Decrease internode lengths in flowers & add in <u>flower</u> surround

This created a completely new form...



