

## **Artificial Freezing Tests**

Collected/tested 5 shoots per temperature and variety in Feb. 2021 and 2022

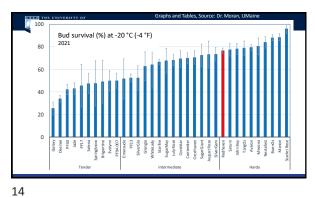
Counted the number of living and dead buds Evaluated degree of browning in shoot tissues

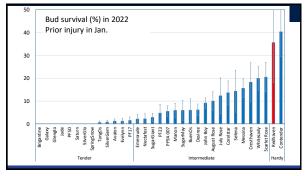
LT - lethal temperature for 50% tissue death estimated Means separation within a temperature

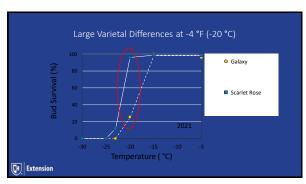
Extension

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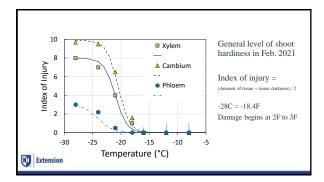


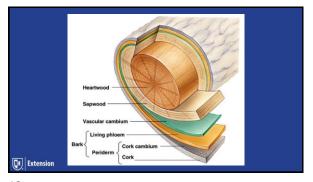


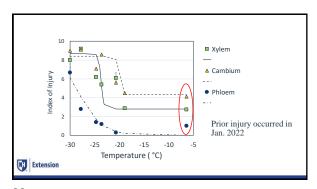


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Flower Bud Hardiness Rankings						
Hardy	Inconsistently hardy	Intermediate	Inconsistently tender	Tender		
Messina	August Rose	Coralstar	Desiree	Brigantine		
Redhaven	Avalon	July Rose	Emeraude	Galaxy		
Scarlet Rose	BuenOs	PF23	Evelynn	Jade		
	Contender	Selena	Glenglo	PF5D		
	Cresthaven	SilverGem	PF17	Silverglo		
	John Boy	SugarGiant	PF9A-007	Spring Snow		
	Manon	SugarMay				
	Nectafest	White Lady				
	Saturn					
	TangOs					

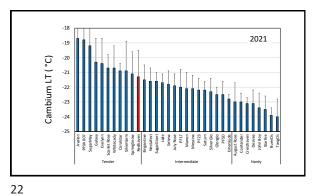


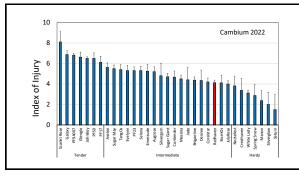


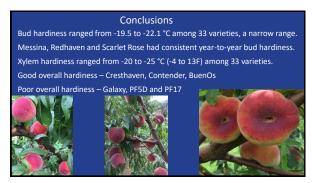


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Xylem Hardiness Rankings						
Hardy	Inconsistently hardy	Intermediate	Inconsistently tender	Tender		
BuenOs	Avalon	August Rose	Evelynn	Galaxy		
Contender	Emeraude	Brigantine	Jade	Messina		
Cresthaven	Glenglo	Coralstar	Nectafest	PF23		
July Rose	John Boy	Sugar May	PF5D	Selena		
PF9A007	Manon		Scarlet Rose	Spring Snov		
Redhaven	PF17					
Saturn	Silverglo					
Sugar Giant	TangOs					
	White Lady					







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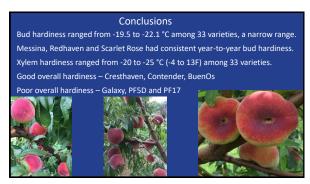




















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