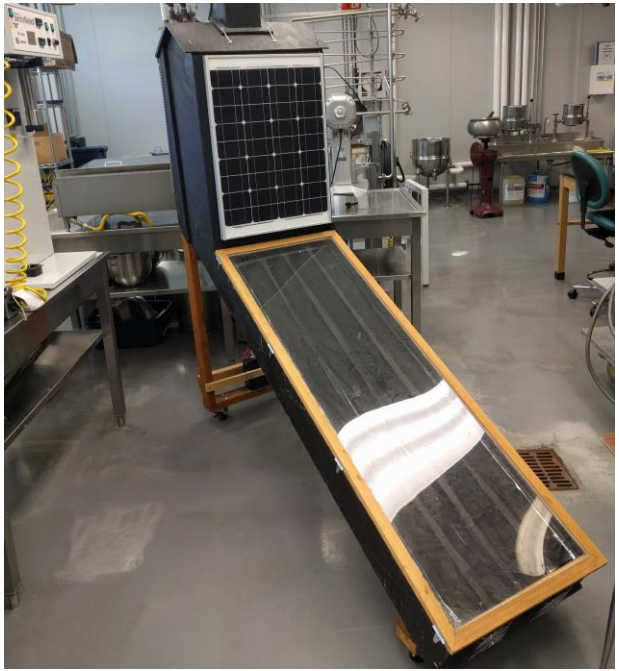


A Sensory Comparison of Solar and Forced-Air Dehydrators

Background - Solar Dryers





Sensory Results

Sensory Results - Overall Acceptability			
Product	**Mean Score**	**Significance**	**P-Value**
FA Apple	7.07	NSD	.76
Solar Apple	7.03		
FA Grape	6.69	NSD	.09
Solar Grape	6.36		
FA Carrot	5.40	NSD	.21
Solar Carrot	5.16		
FA Pea	5.50	NSD	.22
Solar Pea	5.65		
FA Tomato	6.15	NSD	.69
Solar Tomato	6.10		

Texture Results

Texture Results			
Product	**Mean Score (g)**	**Significance**	**P-Value**
FA Apple	1326.8	A	.003
Solar Apple	1182.4	A*	
FA Grape	1106.2	B	.003
Solar Grape	823.3	B*	
FA Carrot	7694.5	NSD	.413
Solar Carrot	8315.2		
FA Pea	1398.3	NSD	.188
Solar Pea	1726.3		
FA Tomato	4258.6	E	<.001
Solar Tomato	3146.8	E*	