

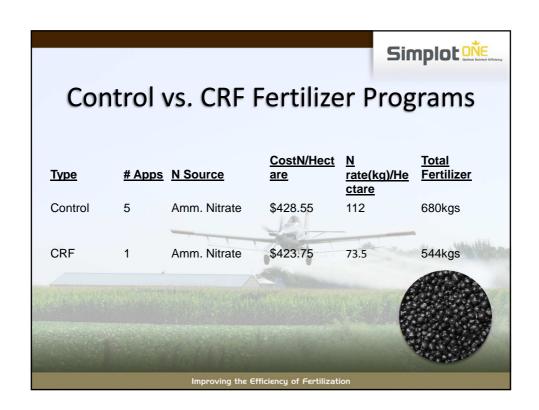


## **Commercial Production Trials**

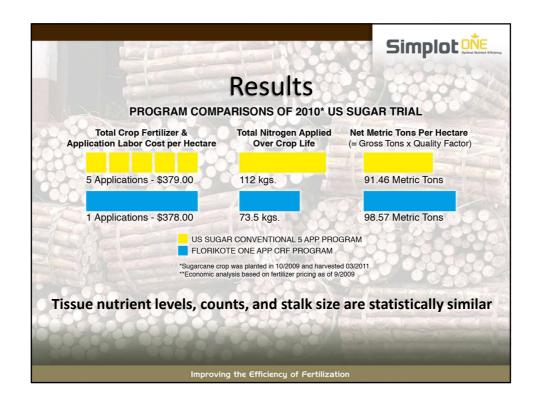
- 60+ hectares at US Sugar Corporation in Clewiston, FL from 2009-2013.
- Data: yield, stalk size, count and, tissue
- One application in the furrow.

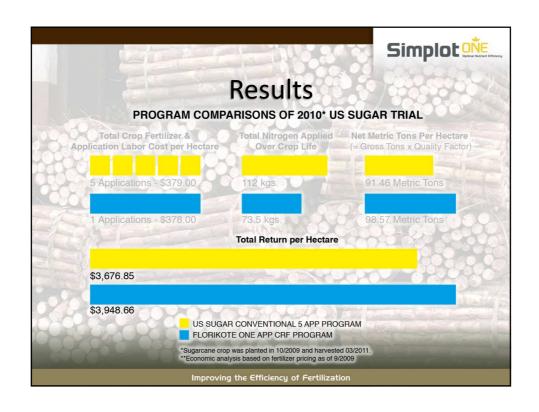


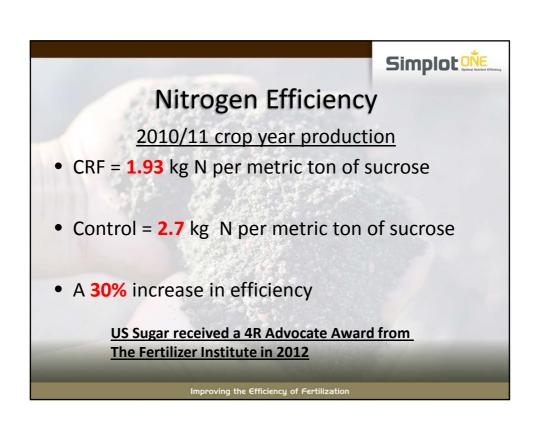
Improving the Efficiency of Fertilization

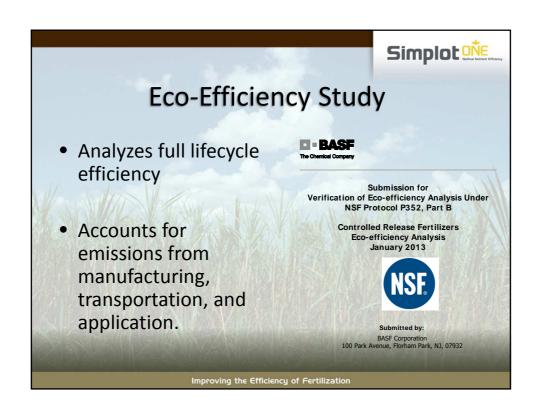


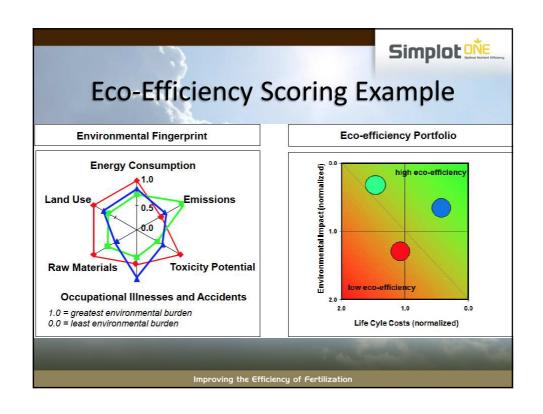
				Si	Simplot ON	
	-	Yield	d Data			
			010 Crop Year verages)			
Treatment	Metric Tons Per Hectare	Trash	Net Metric Tons/Hectare	Sucrose	Net Std Metri Tons/Hectare	
Control	77.25	5.28%	73.17	14.94%	91.46	
CRF	75.68	5.28%	71.69	16.13%	98.57	
		2010/20	011 Crop Year			
			verages)			
Treatment	Metric Tons Per Hectare	Trash	Net Mectric Tons/Hectare	Sucrose	Net Std Metri Tons/Hectare	
Control	80.63	5.28%	76.37	16.88%	110.74	
CRF	81.08	5.28%	76.80	16.79%	111.37	
	2012/2013 CRE	Program I	nput Reductions	(400 Hectare	) el	
Kgs. Ferti	lizer Reduced:	90,719	•	en Reduced:	•	
Ngs. Ferti	nzer Neduced.	30,113	rigs. Nitrog	en Neduced.	30,044	













## Future Studies • Water Quality/Leachate - Use of lysimeters • 5 years of continuous CRF use on tree crops: - Cumulative Yield - Labor and management time - Disease and pest resistance - Total reduction in kgs of fertilizer and emissions

