

Grower: Example  
 Pivot: Ex 1

Apply 1 in Using Conventional System		
	Acres	Gallons
Pivot Acres:	358.93	9,746,385

Apply 1 in Using Variable Rate System				
	Acres	Gallons	%	Ac Inches
Watered Acres:	325.65			
0% Rate Acres:	33.28	0	9.27%	
50% Rate Acres:	16.73	227,091	2.33%	
100% Rate Acres:	308.92	8,388,519	0.00%	
Total		8,615,609		
Savings		1,130,776	11.60%	41.64

Crop Yr Irrigation			
	In/Ac	Gallons	Ac Inches
Last yr Conv	7.75	75,508,757	2780.76
Last yr VR	7.75	66,770,972	2458.97
Savings	0.90	8,737,785	321.79

In/Ac	Conventional Use	VR Use	Savings		
	Gallons	Gallons	Gallons	In/Ac	Ac Inches
5	48,731,926	43,078,047	5,653,879	0.58	208.22
6	58,478,311	51,693,656	6,784,655	0.70	249.86
7	68,224,697	60,309,265	7,915,431	0.81	291.50
8	77,971,082	68,924,875	9,046,207	0.93	333.14
9	87,717,467	77,540,484	10,176,983	1.04	374.79
10	97,463,852	86,156,093	11,307,759	1.16	416.43

\*\*So for every inch we apply we are saving:

Per Acre	Entire Field
0.116 inches	41.64 ac inches
3,150 gallons	1,130,776 gallons

x

1 in

27,154