

BEEBY ENGINEERING, INC

AV CASES						
Evaluation of Tapia Applied Water Demands						
Year	Total Irrigated Area (ac)	Crop	Area (ac)	Crop	Area (ac)	Comments
1993	0	S. Corn	0	Pumpkins	0	No Irrigation Indicated
1994	0	S. Corn	0	Pumpkins	0	
1995	0	S. Corn	0	Pumpkins	0	
1996	0	S. Corn	0	Pumpkins	0	
1997	0	S. Corn	0	Pumpkins	0	
<u>Kern County Pesticide Permit</u>						
2000	45.4	S. Corn	45.4	Pumpkins	0	40ac corn
2001	70.0	S. Corn	28.0	Pumpkins	42.0	40ac corn & 60ac pumpkins
2002	61.0	S. Corn	61.0	Pumpkins	0.0	40ac corn
2003	73.0	S. Corn	0.0	Pumpkins	73.0	60ac pumpkins
2004	ND	S. Corn	ND	Pumpkins	ND	Not farmed by Tapia
2011	79.4	S. Corn	39.7	Pumpkins	39.7	Data and calcs for 2011 & 2012 based on 50% each, corn & pumpkins
2012	24.0	S. Corn	12.0	Pumpkins	12.0	
Note: Total Area Irrigated (from LandSat evaluation)						

RGB Opinion Applied Water Demands	
Crop	Acre-feet per acre
Sweet Corn	2.2
Pumpkins	2.6

Year	Acre-Feet Applied		
	S. Corn	Pumpkins	Total
1993	0.0	0.0	0.0
1994	0.0	0.0	0.0
1995	0.0	0.0	0.0
1996	0.0	0.0	0.0
1997	0.0	0.0	0.0
2000	99.9	0.0	99.9
2001	61.6	109.2	170.8
2002	134.2	0.0	134.2
2003	0.0	189.8	189.8
2004	ND	ND	ND
2011	87.4	103.3	190.7
2012	26.3	31.1	57.4