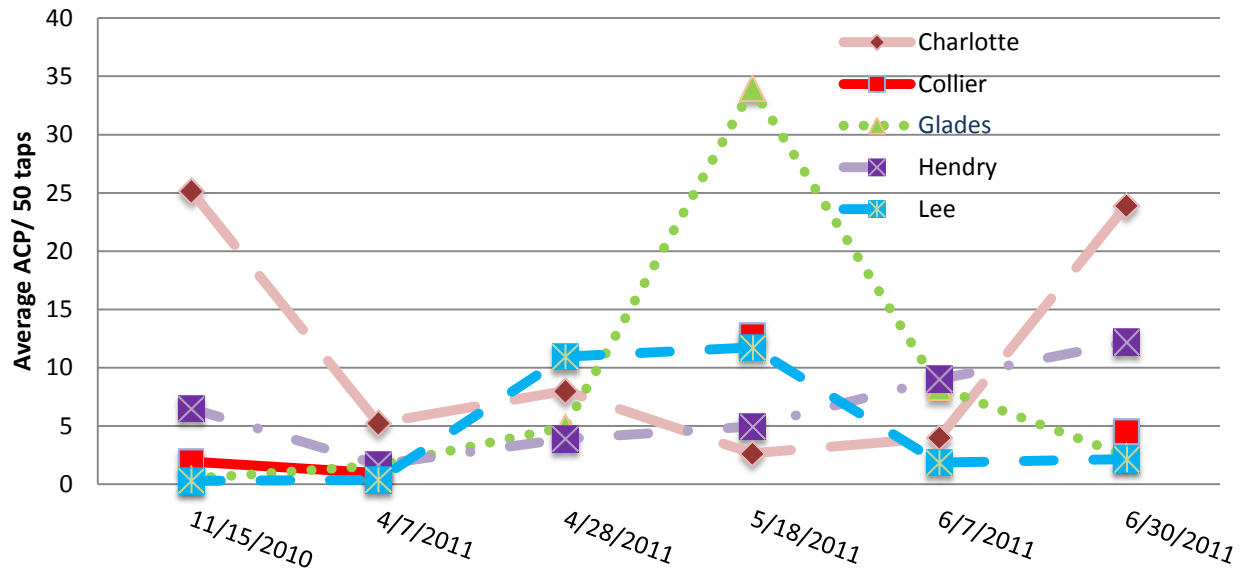


# Gulf CHMA Update – Oct 2011

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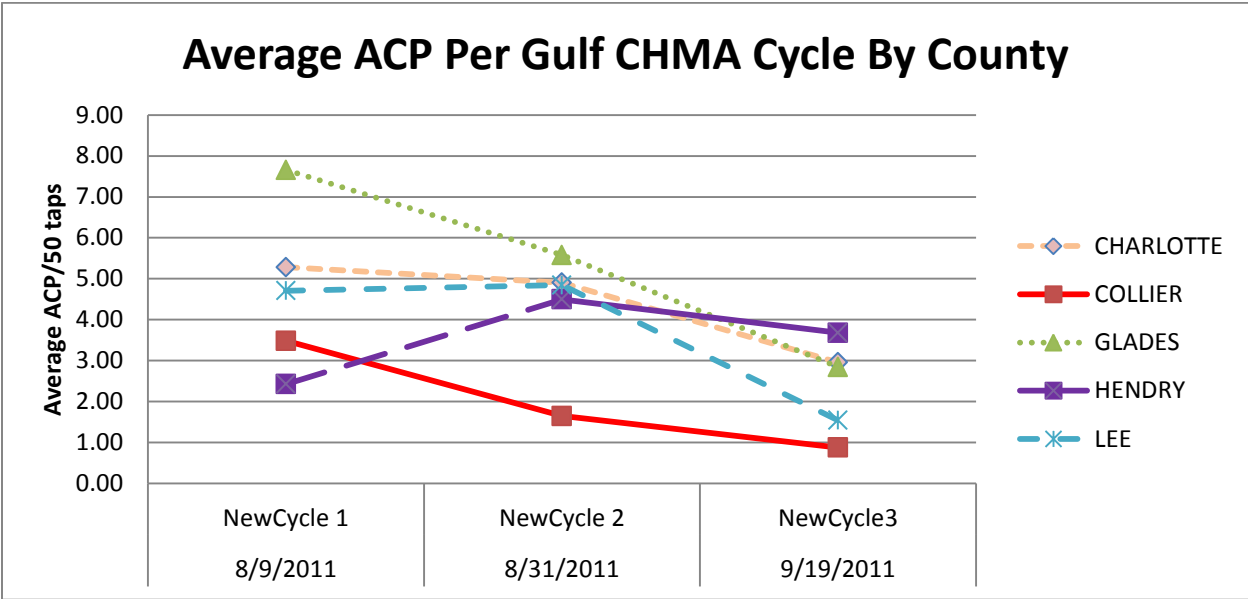
## AVERAGE ACP PER GULF CHMA CYCLE BY COUNTY



The first round of the present program was completed in August and covered over 4,800 blocks of which 625 or 13% were in our 5-county area. These results were encouraging in that the 3 counties entirely covered by the Gulf CHMA ranked near the top of the list in terms of low psyllid counts (Table 1). As of the third cycle, the total number of MB surveyed has increased from 4,809 to 5,137 with 588 in the 5 county area. The third cycle of the statewide survey was completed 19 Sept 2011. It shows numbers still low in the Gulf CHMA area (Table 1, Fig. 2).

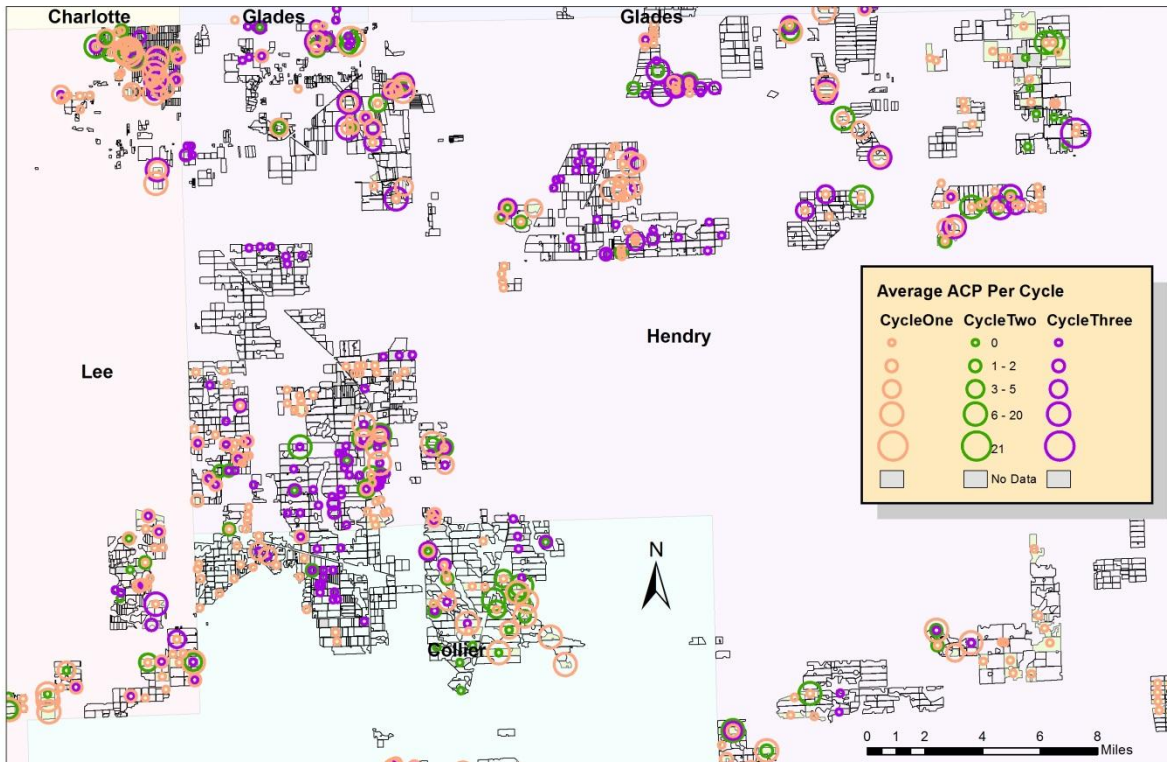
Table 1. County, average ACP per 50 taps, number of blocks sampled and rank (sorted by ACP then by number of blocks, from CHR P surveys completed 9 Aug, 31 Aug, and 19 Sept 2011.

County	Average ACP:	Blocks sampled	Rank	Average ACP	Blocks Sampled	Rank	Average ACP	Blocks Sampled	Rank
	Cycle 1			Cycle 2			Cycle 3		
ALACHUA	3	1	5	0	1	2	3	1	9
BREVARD	2	96	3	2	96	4	2	96	4
CHARLOTTE	5	60	13	5	61	12	3	72	7
CITRUS	11	5	20	10	5	21	9	5	21
COLLIER	3	118	4	2	139	3	1	132	2
DESOTO	5	255	9	5	373	9	2	380	3
GLADES	8	53	18	6	57	17	3	57	8
HARDEE	13	302	23	9	301	19	11	327	25
HENDRY	2	278	2	4	265	8	4	255	10
HERNANDO	4	33	7	5	33	13	8	33	17
HIGHLANDS	7	556	15	6	546	14	6	563	13
HILLSBOROUGH	5	178	11	6	192	15	6	195	14
INDIAN RIVER	17	216	26	15	221	25	10	221	23
LAKE	10	399	19	11	433	23	9	466	19
LEE	5	93	12	5	70	11	2	72	5
MANATEE	5	235	10	3	217	5	5	234	12
MARION	17	64	27	9	64	20	10	64	24
MARTIN	15	143	25	17	124	27	15	145	26
OKEECHOBEE	8	86	17	5	88	10	7	89	16
ORANGE	12	128	22	16	104	26	15	128	27
OSCEOLA	6	123	14	3	127	6	4	138	11
PALM BEACH	0	8	1	0	8	1	0	8	1
PASCO	8	193	16	6	192	16	6	180	15
POLK	14	847	24	11	753	22	10	851	22
PUTNAM	57	2	29	30	2	28	34	2	28
SARASOTA	4	18	8	12	23	24	8	24	18
SEMINOLE	25	5	28	44	25	29	57	25	29
ST. LUCIE	12	261	21	8	264	18	9	321	20
VOLUSIA	4	53	6	3	53	7	2	53	6



These results indicate that we are doing a good job suppressing psyllids. However, we will have to work with the data more to determine where are the hot spots and come up with efficient strategies to deal with them. We are experimenting with maps that will assist growers to visualize trends in ACP populations in and around their groves. The maps below use hollow, proportional circles to show the change in ACP numbers between cycles. In their current configuration, three cycles per map are shown, allowing comparison of ACP populations between cycles. These maps and future ones will be posted on the SWFREC website and linked to the CHMA website. An individual will have the opportunity to click on the map and zoom in on a particular area or grove. We will be looking for input from growers and other users to refine this process.

# Average ACP for Cycle 1, 2, and 3 in Lee and Hendry CHMAs



# Average ACP for Cycle 1, 2, and 3 in Glades CHMA



# Average ACP for Cycle 1, 2, and 3 in Collier CHMA

