

Synergistic Hawaii Ag Council

A consortium of
Hawaii Coffee Association
Hawaii Papaya Industry Association
Hawaii Floriculture & Nursery Association

USDA TASC Grant

Technical Assistance to Specialty Crops

2013 – Pilot program in Kau and South Kona (8-4 TMK)

- \$330,000 from USDA
- Successful reduction in CBB when compared to wet mill data

2014 – Opened to all regions: June start due to late funding

- \$400,000 from USDA, plus \$200,000 HDOA grant in 2014-15
- Late-season start meant high initial numbers of CBB inside bean

USDA TASC Grant

Technical Assistance to Specialty Crops

2015 – Full program year

- \$400,000 from USDA
- Large data set received from growers

2016 – Funding expected soon

- \$500,000 requested
- Luis Aristizabal will be added to staff

2017 – Final possible year for TASC Subsidy

- Must reapply next January, not guaranteed

USDA TASC Grant

Technical Assistance to Specialty Crops

In order to receive the discounted Beauveria each farmer must:

- Undergo training in basic IPM (1-2 hours)
- Strip-pick their trees before first spray
- Commit to the monitoring program

SHAC

- Collates data, compares to Wet Mill reports
- Collaborates with CTAHR and PBARC

Al's

Mycotrol 11 acres coffee



2015 SHAC CBB Grant
Sampling and Monitoring Report

Farmer Name: _____ Date of sampling: 4/21/15

TMK or Field Name: _____

Date of last Beauveria spray: 4/10/15 Other products sprayed? X
4 - 1st application of the season

Tree #	# Green Cherries	# Cherries Infested	#Beauveria Noted
1	74	22	1
2	41	5	0
3	30	11	1
4	98	7	0
5	74	51	6
6	81	34	10
7	41	6	0
8	67	53	18
9	17	17	2
10	26	12	4
11	21	21	0
12	56	26	1
Total	626	265	43

% infestation = (total# cherries infested) ÷ (total# green cherries) x 100 = 42 %

total # 36 → 2/3 of CBB is alive

AB / CD Green Bean Inspection

of live CBB in position AB = IIII (23) 64% # of dead CBB in AB or CD = IIII (5) 22%

of live CBB in position CD = I (1) 3% # of berries with no live or dead CBB = IIII (4) 11%

NOTE: The AB/CD numbers should total to the number of berries cut (36).

Observations: We have an early round of cherry that is almost full size & is badly infested. The later cherry is much cleaner.

Participants

Region	2014			2016		
	TMK Contracts	Acreage	#TMK Pickups	TMK Contracts	Acreage	#TMK Pickups
Kona	315	2563	211	582	3885	378
Kau	47	560	22	62	822	28
Hilo	3	9	1	6	22	2
Hamakua	0	0	0	3	21	0
Oahu	1	150	1	1	150	1
Total	366	3282	235	654	4900	409

Wet Mill Cherry Data

2011 Baseline average:

- 22.8% infestation rate region-wide
- 43.9% when removing North Kona districts not yet impacted by CBB

2014 Data:

- 15.1% from growers participating in grant
- 87 growers under 10% (earned **\$1500** more per acre over average)
- Of participants, 30% picked up Botanigard only once.
- 35% reported their fields stripped “partially” or “not at all”

To Join

- info@deadcbb.com
- text or call 365-9041