

Hawaii Coffee Growers Association

2013/14

State of Hawaii by Island
Growers Report

The Hawaii Coffee Growers Association (HCGA) mission is to further improvements in Hawaii coffee production, quality and marketability through sound agricultural research, farming techniques unique to Hawaii and the protection of our industry from the farming perspective. Our members account for better than 70% of the coffee growing acreage in the State.

Island of Kauai

- Kauai Coffee Company

2013/14 Yield/Acreage:

- 2,413 acs. harvested (out of 3,000 total farm acres)
- 14.3 million lbs. cherry
- 3.3 million lbs. green bean (23.2% recovery which was best ever)
- Selective harvest of tops started on 9/3/13. Harvest season ended on 1/24/14.
- 2013 was dry in spring and summer but ended with a very wet December. Rainfall was 90% of average for the year.
- Fertigation program on schedule all year, helping yields.



Island of Kauai (continued)

- Kauai Coffee Company 2014/15 Outlook
 - 2,550 harvest acres
 - 11 million lbs cherry est.
 - 2.5 million lbs. green bean
 - Pump #3 (Hanapepe River) water supply and quality are good. Alexander Res. level is low and may be out of water by mid-August (supplies 950 acres).
 - Rainfall on the farm above average ytd due to wet May.
 - CBB traps checked weekly by staff and UH-Extension teams with no CBB detected to date.

Island of Kauai (continued)

- Moloa'a Bay Coffee Company
2013/14 Yield/Acreage:
 - 6 acres Typica variety
 - ??lbs cherry
 - made improvements to irrigation and fertigation.
 - New Hoshidana drying deck for parchment.
 - Diversifying into other crops (Cacao) & products such as tea
- All of Kauai reporting no CBB found.

Island of Oahu

- Waialua Estate Coffee Dole
2013/14 Yield/Acreage:
 - 100+ acres harvested out of 160 acres (Typica variety)
 - <280,000 lbs. cherry
 - <55,000 lbs. green bean 20% yield
 - 65% natural process, 35% washed
 - Low recovery, larger bean size
 - Irrigation and fertigation problems, non productive areas and cyclical stump pruning accounted for low yield.
 - Added 2+ acres new trees
- All of Island of Oahu, no reports of CBB. Little Fire Ant infestation in Mililani Mauka

WAIALUA ESTATE COFFEE ***North Shore Oahu, Hawaii***



Island of Oahu

2014 Outlook:

- Steady rains January -June.
- Non uniform flowerings extended harvest season.
- Increased production, ~420,000 lbs cherry
- Pruned areas bearing, repaired irrigation, improved fertigation, good rainfall

Island of Molokai

- Coffees of Hawaii
- 2013/14 Yield/Acreage:
- 115 planted,
 - 98 producing
 - 17 acres replanted
March 2014
- 225,000 lbs. Cherry
 - 36,000 lbs. Green bean



Island of Molokai

Coffees of Hawaii

2014/15 Yield/Acreage Forecast:

- 98 Producing Acres
 - 12 Certified Organic
- Yield expected to be +/- 240,000 lbs cherry
- Expect to capture 16% or 38,400 lbs of green
- No CBB reported on Moloka'i to date.

Island of Maui

MauiGrown Coffee, Lahaina

2013/14 Yield/Acreage:

- 375 harvested, 400 producing acres (4 varieties, Red Catuai, Yellow Caturra, Typica, Mokka)
- 60% natural/40% washed processes
- 2.25MM lbs. cherry 480,000 lbs Green bean.
- Dry growth season/dry harvest 2013. Good recovery, larger screen bean size.



Island of Maui (continued)

- MauiGrown Coffee 2013/14 Outlook
 - Immediately after harvest finished, heavy rains March – April 2014.
- Expect large crop for 2014/15, very uniform compact flowerings.
- Continue to plant new acreage, planning for 10 acres in 2014.

Island of Maui (continued)

- Maui Coffee Association (upcountry and other regions of Maui)

2012/13 Yield/Acreage:

- 10 farms reporting in, acreage unknown (est. 100 acres cumulative).
- Approx. 20,000 lbs cherry
- All sold roasted/~1% sold as green bean
- All farms reported poor yield due to lack of rainfall.

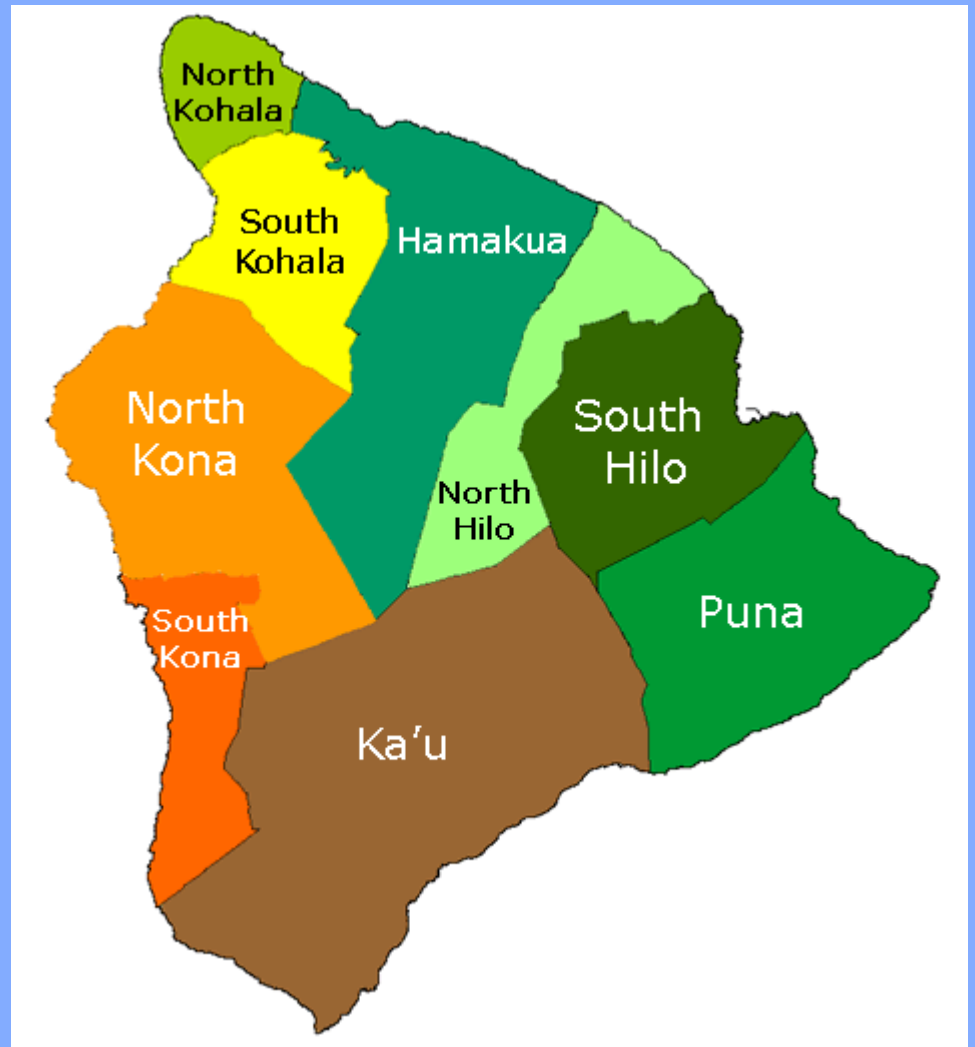
2013/14 Outlook:

- More coffee being planted, better yield expected with improved weather being the biggest factor.
- No CBB on Maui. Trapping. Educational seminar held 6/15/13



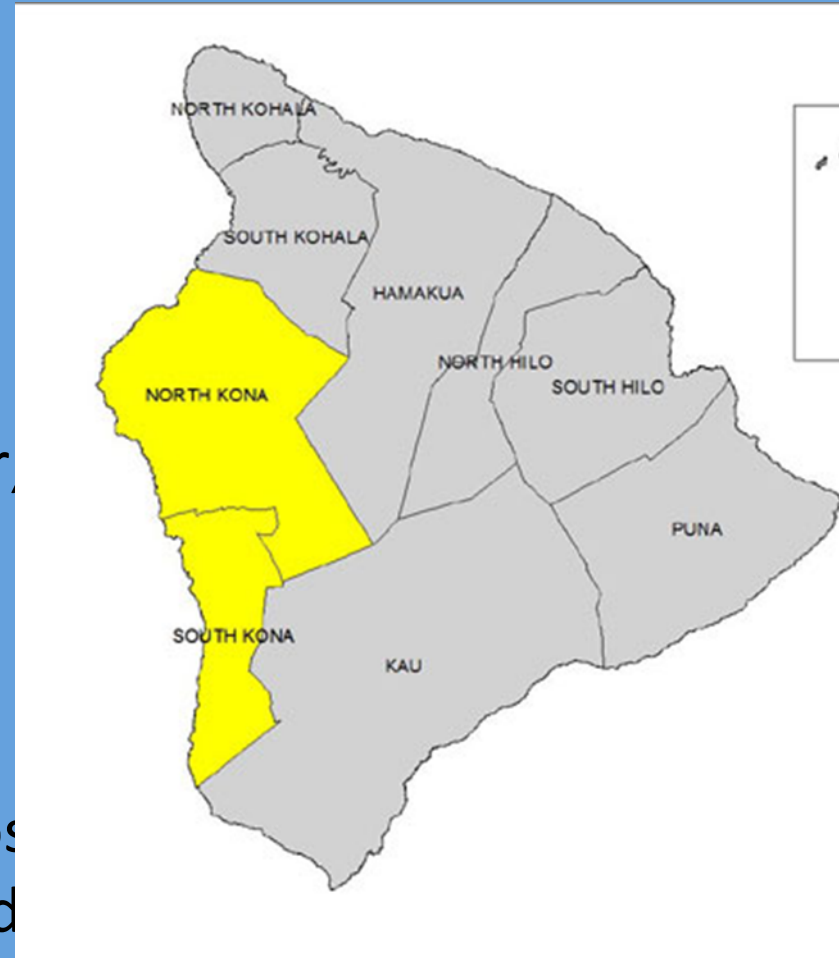
Island of Hawaii

- Kona District
- Ka'u District
- Hamakua



Island of Hawaii

- Kona District
2013/14 Yield/acreage
- Lack of data reported
- 18 Million lbs cherry/est.
- 3,800 acres ?
- Normal weather production year,
but due to CBB, very little coffee
certified better than Prime.
- Cherry: Green ratio:
Farms using IPM: 6.0 : 1.0 lbs
Average conversion: > 8.0 : 1.0 lbs
- Green bean production estimated
2.4 million?



Island of Hawaii

- Kona District

- 2014 Outlook:

- Good spring rains, Heavier than normal May rains,
 - Good cherry set Average crop on trees
 - Estimates up to 25% or more crop than last year.
 - Concerns: appears more farms are lacking necessary care "fertilization" & farm abandonment
 - CBB still biggest concern widespread and found on all farms in Kona District.

Island of Hawaii

- Ka'u District (1,100 – 2,300 ft. elev.)
2012/13 Yield/Acreage:
- Varietals: Bourbon Red Caturra Red Catuai, Typica
- Total acres planted 728
 - roughly 500 acres currently producing
- total producing acres : 350 Mo'aula plus 150-200 from Olson lands & independents
- total Cherry: 3,276,000 (4500 lbs. per acre)
- estimated lbs. Green bean : 524,160
 - Kau Farms Management,
 - 100 acres in cultivation and 60 bearing 105,000 cherry + 170,000 lb other farms



Island of Hawaii

- Ka'u District (continued)
2014 Outlook:
 - Yield expected to be +/- 2.75 million lbs cherry
 - Expected lbs of green : 550-600k,
- Upcoming crop looks strong in Ka'u, season may begin early this year similar to Kona.
 - CBB level of infestation / control: current levels in Ka'u at 12 percent, down from close to 20 percent estimated at start of the harvest (Sept. 2013).
- HDOA/CBB Task Force funds will help a great deal.



Island of Hawaii

- Hamakua/North Hilo District
2013/2014 Yield/Acreage:
 - NOT REPORTING ESTIMATED
<100,000 lbs cherry
 - Approx. 250 acres (+25 acres
planted)
 - Green bean unknown almost all
roasted and sold under small
private labels.
 - Farms range in size from 5 – 25
acres
 - Questionable CBB reports, but
none confirmed.



CBB Summary

- Kona district, (HC Bittenbender Sept 2013 survey)
- 79 farmers responded representing 720 acres of coffee
- 20% Green bean loss, with 26% infestation of samples reported by mills
- Marketable Green Bean Recovery Ratio (MGBRR of 28%

- Ka'u District estimated at 5% on managed to 50% on unmanaged farms.
- Ka'u Coffee Mill reports 1% on own farms 5% -10%+ sampled on farms delivering,
- Most CBB damage adjacent to wet mill and receiving dock. And at pulp waste site 4 mi

- East Hawaii/Hamakua not reported.

- Quarantine for statewide shipments of green coffee ongoing.
- New CBB Educational Support Position with UH CTAHR in Kona
- *Beauveria* subsidy programs, USDA IPM FUNDING \$700K
- Agency help SHAC, HDOA, UH, PBARC, HCA and CBB taskforce collaborating.
- State and Federal funding leverage increasing, Agencies to continue to build on recent funding success.



Remember:
NO HITCHHIKERS
TO THE NEIGHBOR ISLANDS!

MAHALO!