

Project: Mercanta
Microlot “Clouds of August” 2011
Grade AA 3.000 kg



Block G2

Scope: Picking coffee in August in the heavy shaded Blocks where misty cold clouds were present during the morning hours.



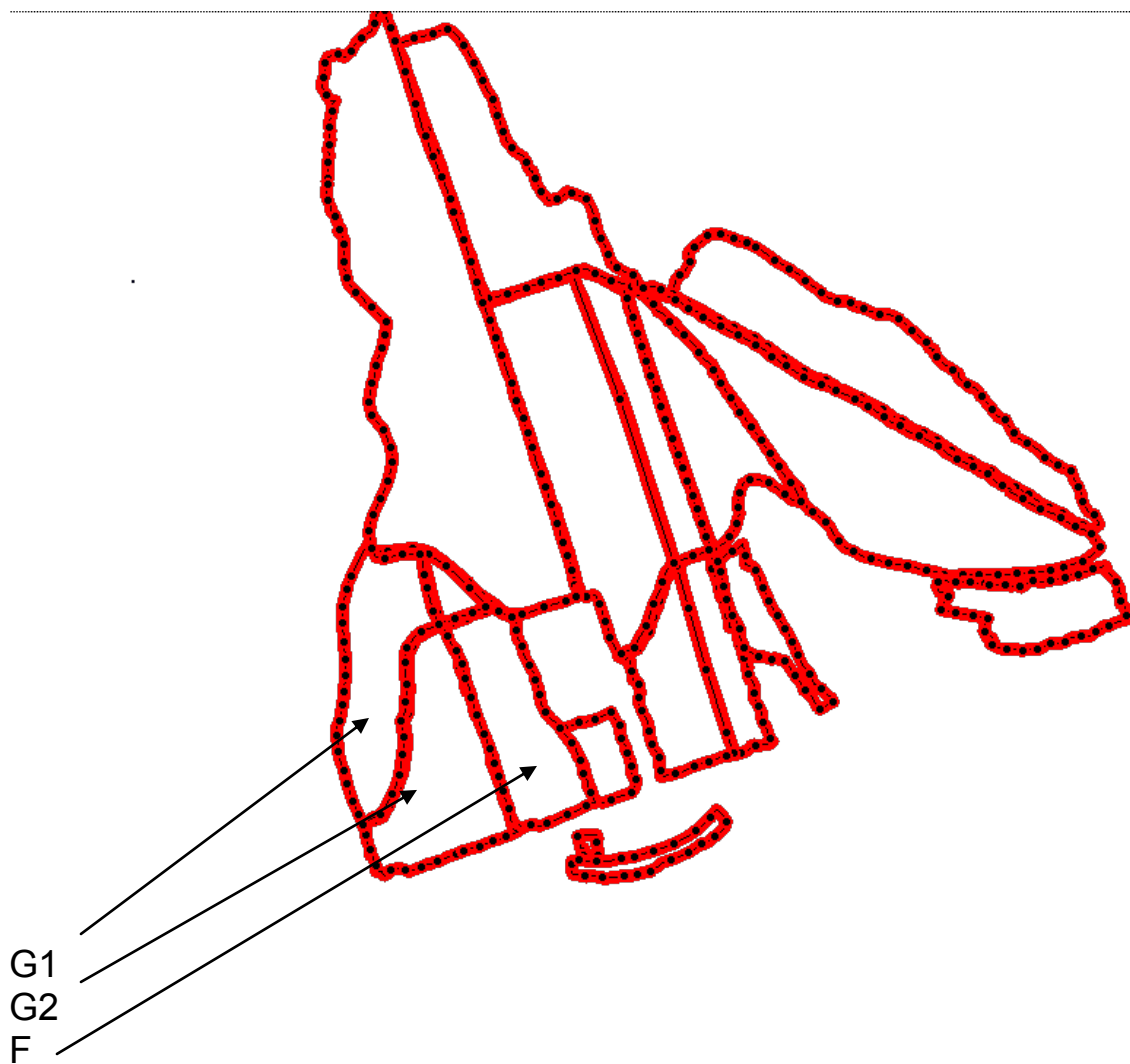
The reason to choose these blocks are their ideal situation In a south facing valley with huge Albizzia Schimperiana trees who create a perfect micro-climate under the shade canopy due the fact of shade and the absence of sunlight.

The heat and wind lifting the clouds up and sending the precious moisture away is prevented by the shade and windbreaks and keep the coffee in this areas cool and moist.

Blocks chosen: G1, G2 and F (all in 1760 meter altitude)
They all face east and south

Block	Slope%	Area in Ha	Shade%	PH
F	17,8	4,06	93,5	6,71
G1	9.6	3.73	108	6.82
G2	15.1	3.18	122	6.64

Map of coffee areas Blackburn Estate



All of these coffee trees were planted 1931 and are Kent/Bourbon varieties. They had never been irrigated thus their root system reaches the deep volcanic soil layers.



Headman Amsi Demay checking before bagging





Water, the most important, stored before the dry season starts



Clouds sweeping in.....

Weather:

Date	minimum °C	maximum °C	Humidity%
2.8.2011	11	26	75
3.8.2011	16	28	72
4.8.2011	14	27	69
5.8.2011	14	26	66
6.8.2011	11	27	65
8.8.2011	15	27	60
18.8.2011	15	28	59
19.8.2011	14	27	63
20.8.2011	16	29	55
22.8.2011	16	29	50
23.8.2011	16	29	50
24.8.2011	14	29	45
30.8.2011	16	29	46

So much warmer with much bigger differences between the low and the high temperatures compared to the period of CoA 2010 !



The Crew at the celebration day of the 2 anniverseries:
The holding company Liborius Gehrken (A) Ltd. registered
50 years ago, Blackburn Estate was started 80 years ago.



Picking starts at 8.00 a.m. The pickers were instructed to pick only ripe coffee and were supervised by Christian Burra and Amsi Demay.

The task was set to 3 Tins (54 kg Cherry) per picker and day. Not ripe or over ripe cherries had to be sorted out by hand.

Only experienced pickers like Juma Masanja, Margaretha Theodori, Martha Awet, Franscisca Soghore just to name a few of the best were allowed to pick much more than the task.

Picking stopped when the sun carried the mist away.



The coffee was pulped in the afternoon and fermented for 14 hours before grading and washing in a water channel,



then carried by people to the elevated sun drying tables until a moisture content of 11,5% and finally conditioned in bins till transportation to Moshi.





The harvest for Mercanta “Clouds of August” 2011

Lot No.s 26-27-28-29-30-32-44-45-46-48-49-50-51-59

Start 2.8.2011 End 30.8.2011
Total Cherry picked 2814 Tins
Total Parchment weight 7654 kg
Washed coffee Tins 1168
Dry coffee Tins 1066
Total Parchment No 1 for delivery

Water Footprint:

Pulping was carried out with a Penagos UCB2500 Machine. Pulping used “zero” water. Pulp transportation water was constantly recycled.



The demucilator, transport water, grading and washing used 48320 Liter or 5 Liter per kg parchment. This was much less than used in the previous' year “Clouds of August 2010 ” The reason was much less sugar-mucilage in the cherry and a tighter adjustment of the mucilage remover to No5 setting.

Part of the washing water was used for Pulp transportation next day.

Energy footprint: 301.1 Kwh or 31.16
Watt per kg parchment

The Coffee was transported in split loads till 25.10.11 to Rafiki (Coffee) Mill in Moshi and finally cured on 11.11.11

Following main grades turned out:

AA 43.07 %
AB 37.99 %
PB 7.11 %

Total kg 6957 of clean main grades

All main grades were hand picked for Ambers, Insect damaged and Pulper nipped beans. An average of 1.40% or 109 kg were picked out.

This year we had employed a lot of of the pickers trained for CoA 2010 micro lot so most of the old names appear in the pickers list.

They picked nice and followed the rules of quality picking and not rushing to other blocks in order to achieve their daily task easier.

The names of coffee pickers on the above picking dates are:

Adela Mayco
Angela Modesti
Anita Yussuf
Anna Dominik
Anna Raphael
Antonia Amma
Antonia Stephano
Augustino Daniel
Bertha Marco
Christina Josepha
Christopha Joseph
Clenti Hilary
Dagharo Darabe
Daniel Modesti
Davita Tahani
Dawite Kwangw
Debora Joh
Dominik Kondi
Elias Dagharo
Elizabeth John
Erro Tluway
Etropia Safari
Febronia Leonis
Fransica Soghore
Gertruda Rafael
Hawu Kasi
Januari Safari
Johnetha Daniel
Juma Masanja
Lolo John
Lucia Akhay
LuciaElly
Margareta Theodori

Maria Gabriel
Marietta Bees
Martha Awe
Martha Samuel
Masay Yohani
Mehi Yame
Meriatha Demay
Paskali John
Paskalina Humbaay
Paulina Masauda
Paulo Daniel
Petro Juma
Pius Andrea
Regina Kondi
Rozina Daharo
Rozina Faustini
Rozina Yame
Rufina Dominik
Sabina Ero
Serafia Dagharo
Stephano Daniel
Tabu Bayo
Theresia Barbaydu
Veronika Kondi
Victoria Bura
Witiness Manga
Yohanna Marmo
Yusuph Qaray

(67% woman !)