Coffee Production in Kenya

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Kenya
INTRODUCTION

- Coffee was first introduced in Kenya in 1896 by the Missionaries.
- About 700,000 small scale farmers and 3,850 coffee estates are involved in coffee production.
- The small scale growers are clustered within about 450 cooperative societies.
KENYA COFFEE VALUE CHAIN

GROWER → FACTORY → MILL

AUCTION → MARKETING AGENT

DEALER ROASTER → EXPORTER /OVERSEAS BUYER

DIRECT SALE → OVERSEAS BUYER

CONSUMER
COFFEE PRODUCTION TRENDS IN KENYA

<table>
<thead>
<tr>
<th>Time</th>
<th>Production in Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39120</td>
</tr>
<tr>
<td>2</td>
<td>32460</td>
</tr>
<tr>
<td>3</td>
<td>37800</td>
</tr>
<tr>
<td>4</td>
<td>39480</td>
</tr>
<tr>
<td>5</td>
<td>40800</td>
</tr>
<tr>
<td>6</td>
<td>46020</td>
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</tbody>
</table>
Fig 2: Coffee Exports to Japan 2007 - 2012
Coffee Varieties

SL28

- Excellent quality and good yields
- Susceptible to Coffee Berry Disease and Coffee Leaf Rust
COFFEE VARIETIES

SL34

- Selected for its superior cup quality (although inferior to SL28)
- Susceptible to Coffee Berry Disease and Coffee Leaf Rust
Leaf Rust

Coffee Berry Disease
DEVELOPMENT OF NEW VARIETIES

- Ruiru 11
  - **Ruiru 11** was released in 1985 by CRF Kenya.
  - Resistant to CBD and CLR
  - Compact in nature hence more trees per ha.
  - Comes to production within 18 months
  - High yields and good quality
NEW DISEASE TOLERANT VARIETIES

- Batian
  - Batian was released in 2010 by CRF Kenya.
  - Resistant to CBD and CLR
  - Tall stature just like SL28
  - Comes to production within 18 months
  - High yields and excellent cup quality
Coffee harvesting for high quality

- Only red ripe cherries are hand picked
- The cherries are sorted before pulping to remove
  - Green cherries
  - Overripe
  - Diseased
  - Twigs

- The coffee is then
  - Pulped
  - Fermented
  - Washed
  - Dried in the sun
COFFEE GRADING

CLEAN COFFEE

- Sieve No.21
- Sieve No.18
- Sieve No.16
- Sieve No.10
- Sieve No.7

Blowing air through

TT

PB
Cup quality attributes of Kenyan Commercial varieties

<table>
<thead>
<tr>
<th>Sensory variables</th>
<th>Panel</th>
<th>Varieties</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Batian</td>
</tr>
<tr>
<td>Fragrance/Aroma</td>
<td>KEN</td>
<td>7.86</td>
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<tr>
<td></td>
<td>CQI</td>
<td>7.67</td>
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<tr>
<td>Flavor</td>
<td>KEN</td>
<td>7.71</td>
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<tr>
<td></td>
<td>CQI</td>
<td>8.00</td>
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<tr>
<td>Aftertaste</td>
<td>KEN</td>
<td>7.64</td>
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<tr>
<td></td>
<td>CQI</td>
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<tr>
<td>Acidity</td>
<td>KEN</td>
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<tr>
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<td>CQI</td>
<td>7.92</td>
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<tr>
<td>Body</td>
<td>KEN</td>
<td>7.79</td>
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<tr>
<td></td>
<td>CQI</td>
<td>7.83</td>
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<tr>
<td>Balance</td>
<td>KEN</td>
<td>7.93</td>
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<tr>
<td></td>
<td>CQI</td>
<td>7.83</td>
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<tr>
<td>Overall Score</td>
<td>KEN</td>
<td>7.86</td>
</tr>
<tr>
<td></td>
<td>CQI</td>
<td>8.17</td>
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</table>
COFFEE MARKETING

- NCE Nairobi Coffee Exchange
- Sale catalogues by each marketing agent
- Auction conducted electronically every Tuesday
COFFEE MARKETING

- Coffee prices based on 50kg
- Sales in US dollars
- Dealers mandated by law to pay within 7 days
- Coffee in bonded warehouses
- Direct sales through marketing Agents
COFFEE CERTIFICATION

The following coffee certification programmes are operating in Kenya:

- Rainfall Alliance
- Fair Trade (FLO)
- 4C (Common Code for Coffee Communities)
- CAFÉ Practices
- Organic
COFFEE trade ENQUIRES

Kenya Coffee Traders Association (KCTA)
www.kenyacoffee.co.ke

Coffee Board of Kenya
www.coffeeboardkenya.co.ke
ASANTE SANA

www.crf.co.ke

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