



iSmart Business Solutions Pvt Ltd.

HARVEST *it*

Modular features of the
Production Module
for the Coffee Curing Unit

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PRODUCTION MODULE AT THE CCU

The typical operations that take place in a Coffee Curing Unit are captured effectively by **Harvest *it***. It tracks the process from the time the raw or clean coffee arrives at the Curing Unit. It records arrival details, takes into account the Planters instructions, records quality grading and tracks the process from drying, milling, garbling, color sorting upto packing, dispatch and sales. It takes into account, stocking and storage, sweepings, machinery utilization and down time as well as all the out turn parameters that are requisite to monitor the operational efficiencies in a typical Coffee Curing Unit.

The product features are briefly described below.

Transactions

1. Arrival

The Arrival screen facilitates the entry of crop either from own estate or from other plantations/out growers. Inputs include representing Agent's name, plantation name, season and arrival dates, vehicle number and type, waybill details, Form 39, vehicle contractor, rate per bag, and dispatch price, coffee type, semi dried, etc. The Arrival details recorded are raw coffee/clean coffee group and type, godown number, moisture percentage, packing material and type, grades, etc.

2. Quality Grading

Quality grading records information pertaining to the type and group, visual quality parameters, overall rating for visual and cup as well as acidity and flavor characteristics for both raw and clean coffee.



3. Planters Instruction

The Instruction screen facilitates the entry of dispatch advice from the planter and when he expects to receive the coffee after curing.

4. Splitting

For the coffee arrivals, stock cards are split for distribution and sales to different agents based on advice from the planters.

5. Coffee Transfers

This allows transfer of Coffee stocks from own Estate to Agent or Agent to Agent or Planter to Agent.

6. Drying

Those stocks that arrive and do not conform to minimum moisture levels, are sent for drying. Moisture levels are recorded before and after drying, the kind of drying carried out and drying charges.

7. Milling

Coffee sent for milling records stock numbers, name of agent, quantities taken for milling and their grades quantity wise. After milling inputs include husk quantity, number of bags and godown number.

8. Garbling

After Milling Clean Coffee (AMOT) receipts are recorded along with out turns after garbling, type details, grades and quantities.



9. Color Sorting

Here again, AMOT receipts are recorded along with out turns after garbling, type details, grades and quantities.

10. Out Turn

The total quantity derived after garbling/color sorting is stacked and the following information maintained: grade wise quantities, total curing charges, bulking charges, etc. Online posting is possible by debiting Supplier – Agent/Planter.

11. Packing

Some of the details captured here are packing date, packing number, dispatch type, packing material, prompt date, agent name, supplier, grade type, AMOT receipt, delivery order number, etc.

12. Dispatch

This screen captures a plethora of information such as dispatch date, vehicle number, season, destination, C&F agent, Buyer name, stock card number, sale of raw coffee without milling, packing material, number of bags, quantities, shortages, etc.

13. Storage and Other charges

Various charges can be apportioned to type of coffee, season, quantities and amount. Storage descriptions showing number of days, rate per ton per day and quantity.



14. Sweepings

Here, the quantity of floor sweepings can be recorded constituting excesses that can be apportioned to all suppliers.

15. Machinery utilization

This screen facilitates the entry of the running hours of each machinery in the Curing Unit corresponding to the affected grade, quantity, downtime, etc. on a daily basis.

16. Rainfall

In this screen, daily rainfall can be entered.

17. Estimated Quantity

This is for apportioning the quantity of sweepings.

18. Packing materials

To maintain a control over the stock of bags, the system keeps a track of the empty bags sent by the Supplier and retained at the Curing Unit.

19. Credit Note

This records transportation charges per bag to the transport contractor.

20. Debit Note

Debits the Supplier for transportation charges incurred.



21. Sales Credit

This takes into account date wise, month wise and year wise raw coffee groups, grade wise, total sale quantity and stock from own estate to arrive at quantity of coffee sold for each estate.

REPORTS

1. Warehouse receipts for raw and clean coffee.
2. Raw Coffee arrival register
3. Month wise reports for Raw Coffee arrival, cured coffee and dispatch
4. Daily report – quantity arrived and cured
5. Raw Coffee daily slip
6. Quantity details of coffee received
7. Out turn report cum bill
8. Curing Bill statement
9. Curing Status –
 - status report
 - grade percentage
 - curing gains
10. Quality Reports – evaluation and summary
11. Transfer charges –
 - Credit notes
 - Debit notes
12. Uncured lots
13. Crop details –
 - Cured quantity grade wise
 - Cured quantity variety wise



14. Stock reports –
 - Raw coffee register
 - Clean coffee estate wise
 - Clean coffee out turn wise
 - Clean coffee
 - Curing details
 - AMOT stock
 - Estate war register (coffee receipts & out turn details)

15. Gunny Bag statements – register and summary
16. Machinery utilization –
 - Summary utilization
 - Downtime summary

17. Packing dispatch Note –
 - packing slip
 - Cash bill

18. Sweeping Report –
 - Detailed list
 - Summary list
 - Covering letter
 - Sales credit

19. Other Reports –
 - Moisture content
 - Specialty Coffee arrival
 - Dispatch details
 - Planters list
 - Coffee pool details