

### 3. Lot Operations

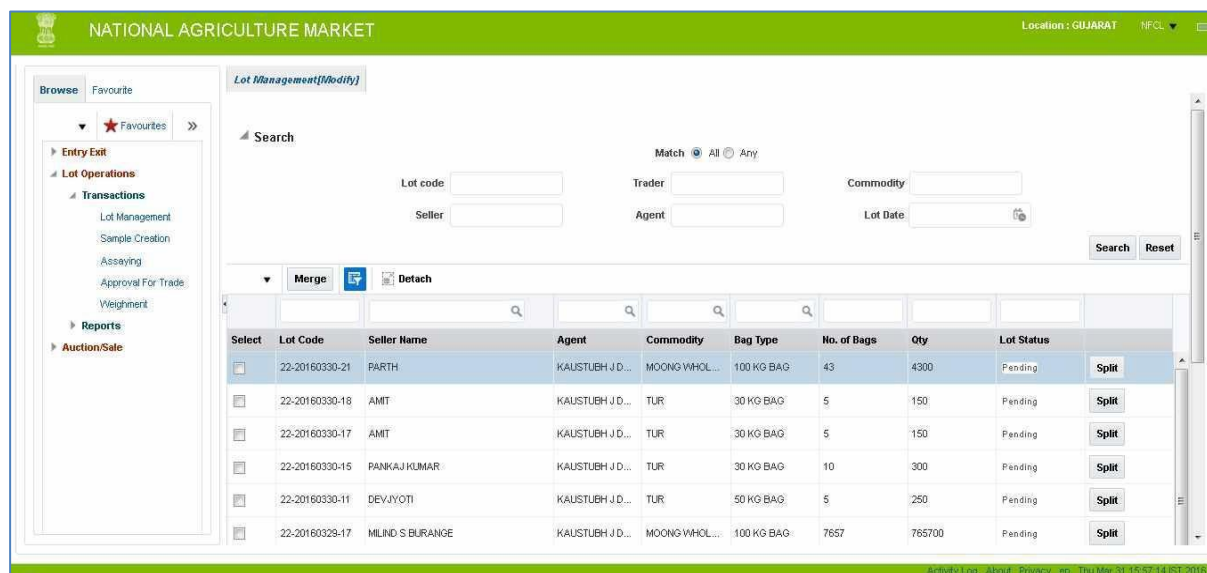
Lot Operations are the next step to be followed Entry Exit.

This category contains Lot Management, Sampling, Assaying, Weighment and Approval for Trade.

Lot Operations:

Module	Lot Operators
Screen	Lot Management
Users	Secretary / Mandi Analyst / DEO
Purpose	Splitting and Merging of Lots
Updates	YES

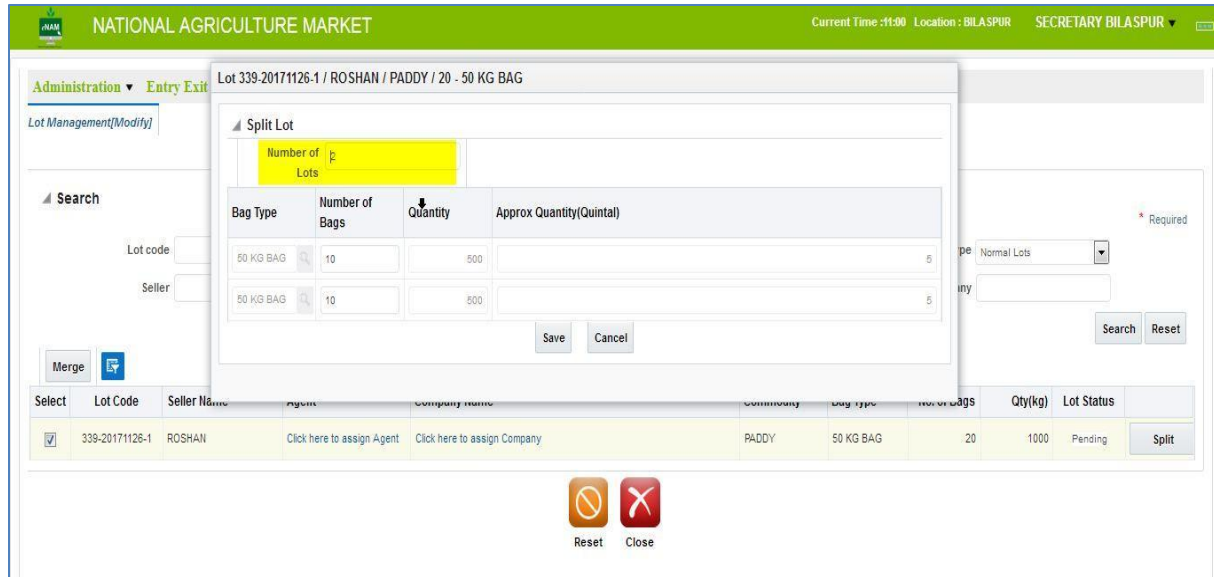
Earlier Version:



Current Version: Split

This option is used when commodity is bought in bulk which belongs to different farmers and generated as a single lot. Single lot could be split up in to multiple lots based on need.

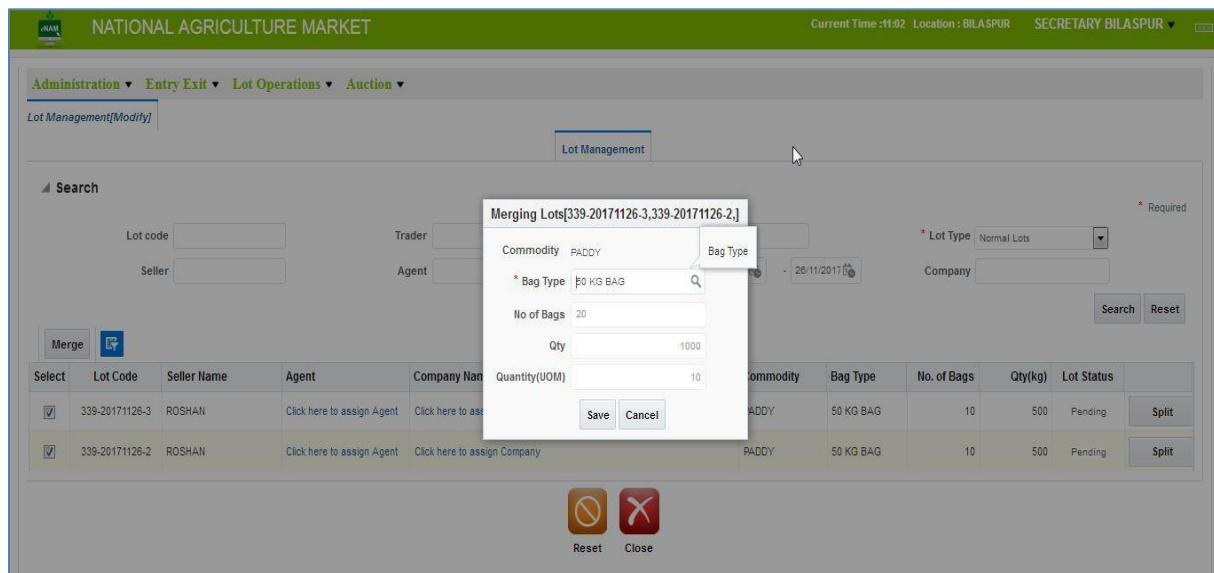
Farmer details are also can be changed.



Current Enhancements:

- Based on Lot type (Temporary / Normal) we can select the lots for splitting.
- From and To Date Range is available
- We can search the lots based on company name of the CA / Trader.

Current Version: Merge



Merging of Lots can be done when same commodity, same farmer and same bag type combinations are matched.

This should be done on the will of farmer / agent only

Current Features:

- From date and to date facility is available to fetch the lots for Merging.
- We can change the Bag type while merging the lots.

Note:

In case of Lot Split and Merge a Current lot ID will be generated and the previous lot ID's will not be seen and used further. Lot Split / Merge receipt can be taken also.

Sampling:

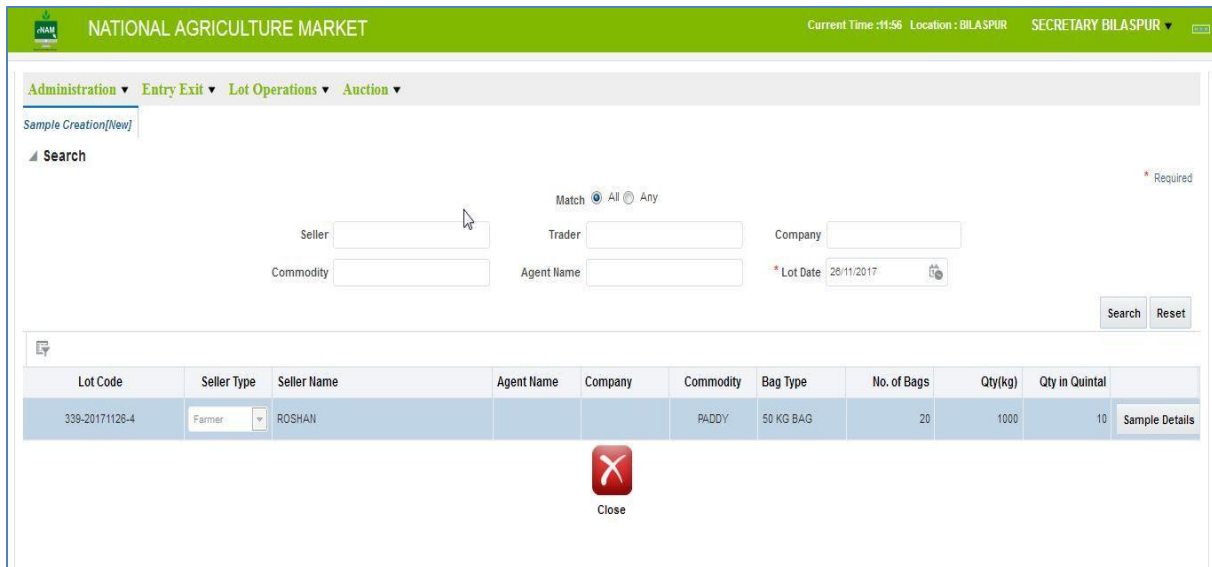
Module	Lot Operators
Screen	Sampling
Users	Lab Technician
Purpose	Sampling the Commodity lot wise
Updates	NO

Sampling is done for every lot and the collected samples are sent to assaying lab for assaying.

While collecting the samples we need to select the lot and need to enter the Quantity taking as sample for assaying. We can add two or three samples also based on need.

There is specialized equipment for collection of Samples.

Screen 1:



**NATIONAL AGRICULTURE MARKET** Current Time :11:58 Location : BILASPUR SECRETARY BILASPUR

Administration ▾ Entry Exit ▾ Lot Operations ▾ Auction ▾

Sample Creation(New)

Search

Match  All  Any

Seller  Trader  Company

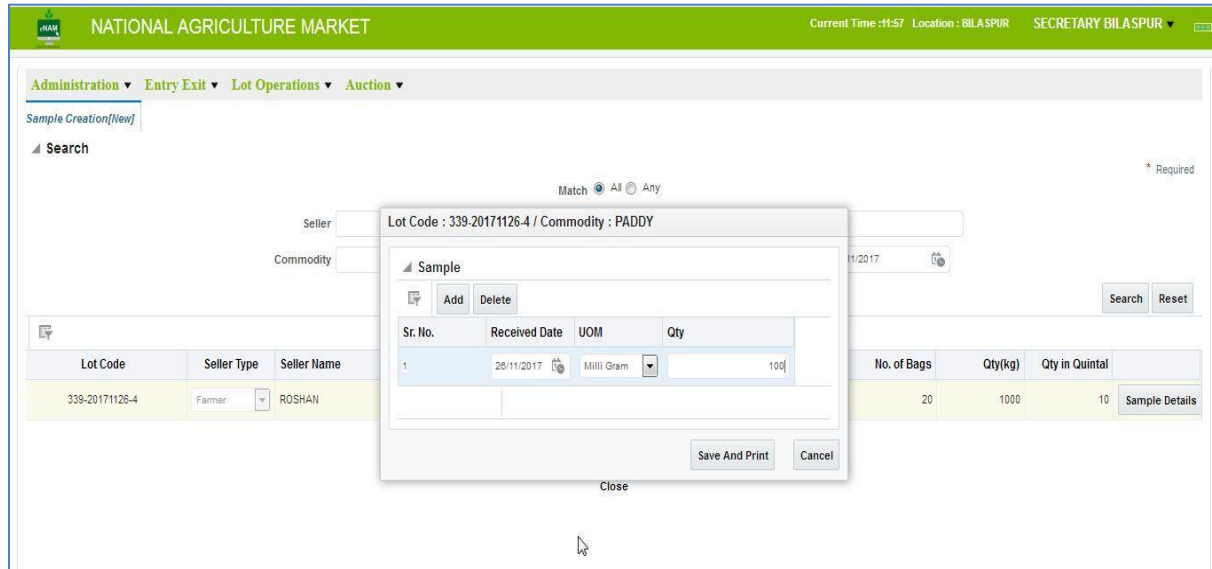
Commodity  Agent Name  \* Lot Date 28/11/2017

Search Reset

Lot Code	Seller Type	Seller Name	Agent Name	Company	Commodity	Bag Type	No. of Bags	Qty(kg)	Qty in Quintal	
339-20171128-4	Farmer	ROSHAN			PADDY	50 KG BAG	20	1000	10	Sample Details

Close

Screen 2:



After successful collection of Sample, a sample collection receipt can be generated as a reference.

**Assaying:**

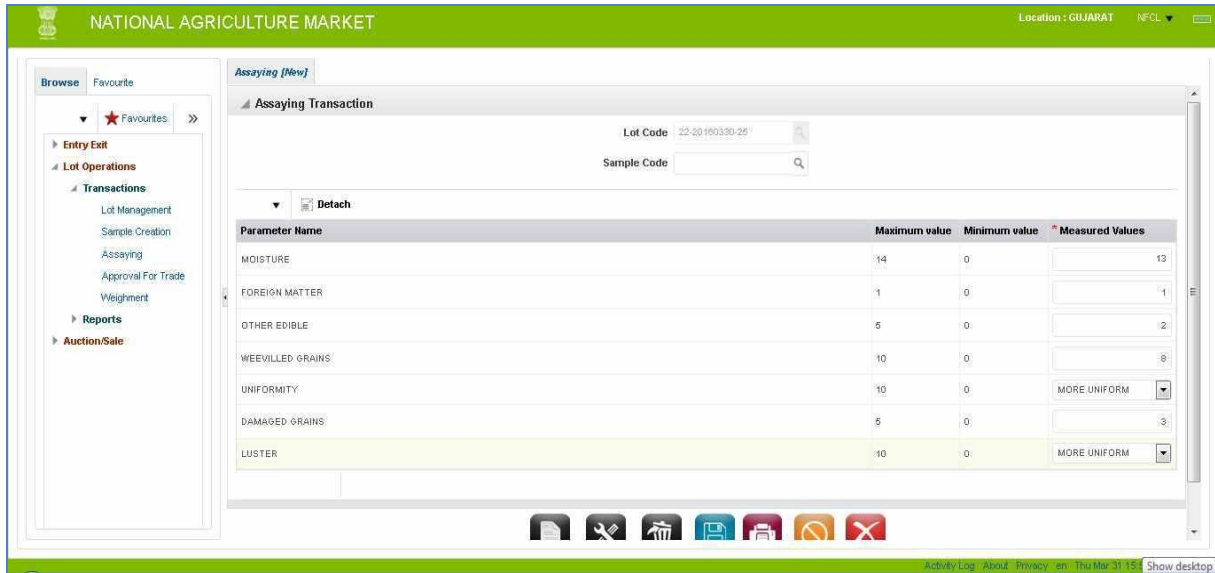
Module	Lot Operators
Screen	<b>Sampling</b>
Users	Lab Technician
Purpose	Sampling the Commodity lot wise
Updates	NO

Assaying is the process where we can test the collected sample with desired lab equipment Assaying will be done based on Commodity and its Assaying parameters.

After completion of Assaying result values are entered against to the lot and saved. These results are viewed by Traders and based on the report they will decide the rate for lot.

There are many Current technologies emerging in the market for assaying commodities.

Earlier Versions:

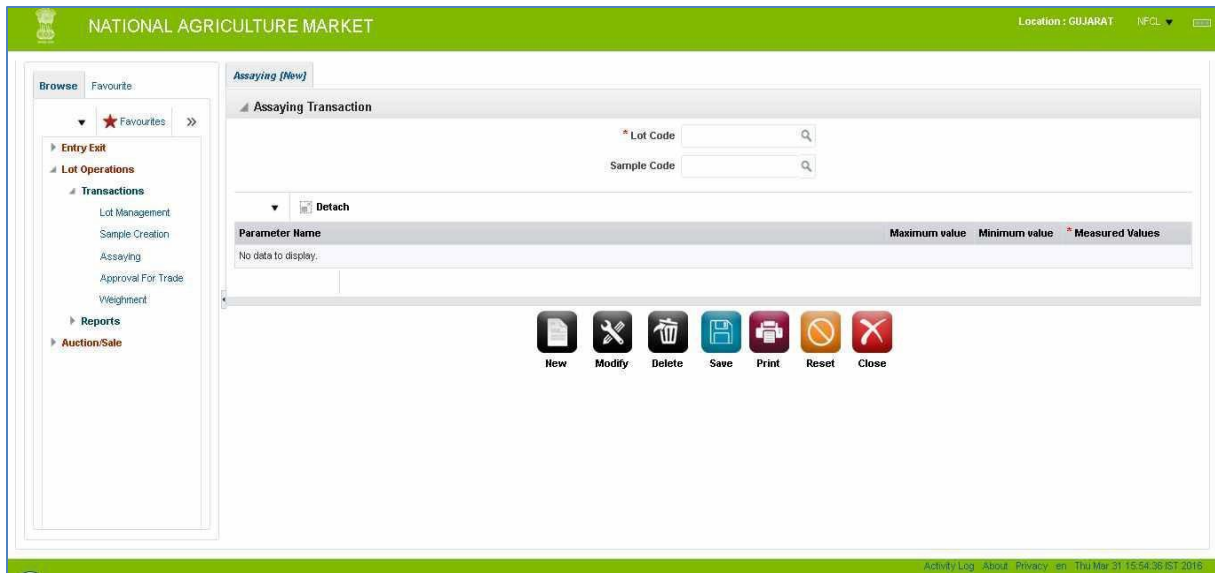


**Assaying Transaction**

Lot Code: 22-20190330 251  
Sample Code: [Search]

Parameter Name	Maximum value	Minimum value	Measured Values
MOISTURE	14	0	13
FOREIGN MATTER	1	0	1
OTHER EDIBLE	5	0	2
WEEVILLED GRAINS	10	0	8
UNIFORMITY	10	0	MORE UNIFORM
DAMAGED GRAINS	5	0	3
LUSTER	10	0	MORE UNIFORM

Activity Log About Privacy en Thu Mar 31 15:54



**Assaying Transaction**

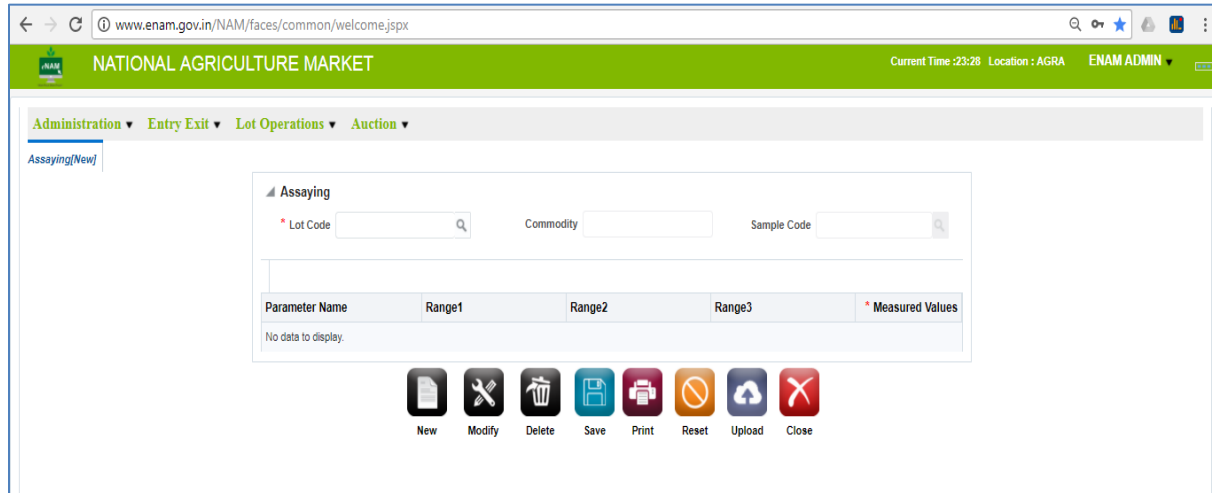
\* Lot Code: [Search]  
Sample Code: [Search]

Parameter Name	Maximum value	Minimum value	Measured Values
No data to display.			

New Modify Delete Save Print Reset Close

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## Current Version: 1 (Selecting the Lot)



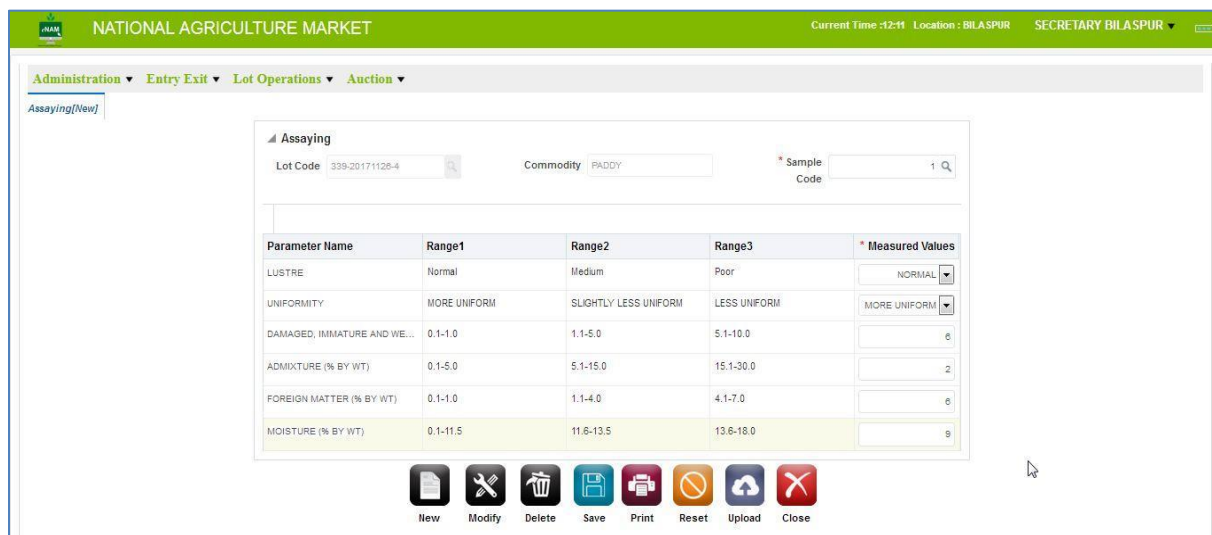
Assaying

\* Lot Code  Commodity  Sample Code

Parameter Name	Range1	Range2	Range3	* Measured Values
No data to display.				

New Modify Delete Save Print Reset Upload Close

## Current Version: 2 (Results Entry)



Assaying

Lot Code 339-20171126-4 Commodity PADDY Sample Code 1

Parameter Name	Range1	Range2	Range3	* Measured Values
LUSTRE	Normal	Medium	Poor	NORMAL
UNIFORMITY	MORE UNIFORM	SLIGHTLY LESS UNIFORM	LESS UNIFORM	MORE UNIFORM
DAMAGED, IMMATURE AND WE...	0.1-1.0	1.1-5.0	5.1-10.0	6
ADMIXTURE (% BY WT)	0.1-5.0	5.1-15.0	15.1-30.0	2
FOREIGN MATTER (% BY WT)	0.1-1.0	1.1-4.0	4.1-7.0	6
MOISTURE (% BY WT)	0.1-11.5	11.6-13.5	13.6-18.0	9

New Modify Delete Save Print Reset Upload Close

## Current Enhancements:

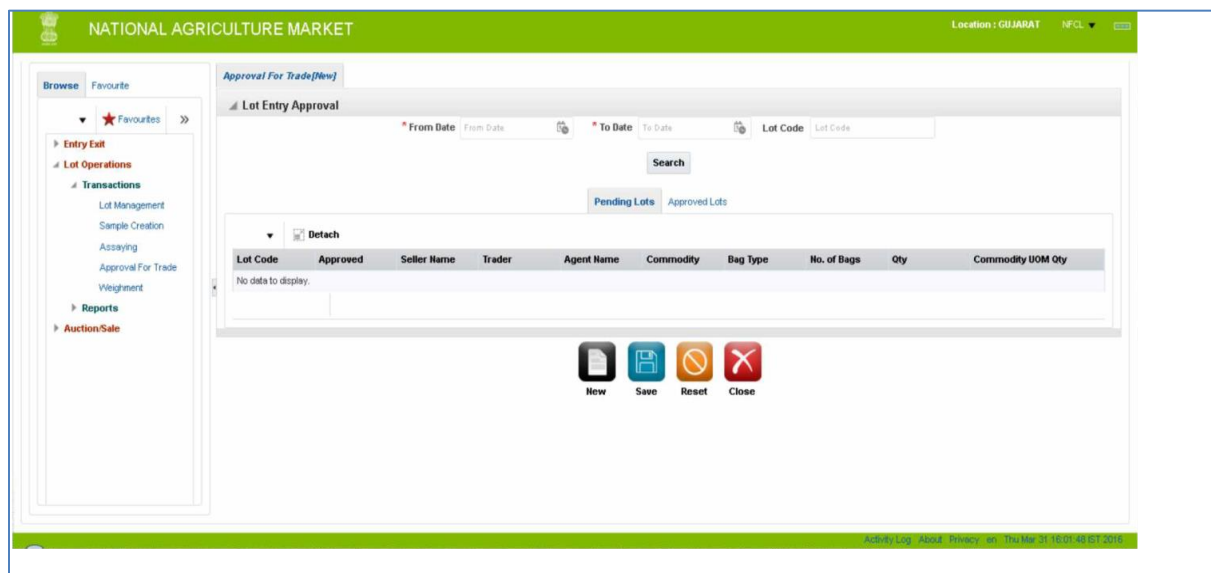
- By selecting the lot, commodity can be seen linked to it.
- Assaying Parameters are defined as Range 1, Range 2 & Range 3 as per approved standards.
- We can take the print receipt of result entry after saving the transaction. Also the same results will get reflected in trader portal for reference.

### Approval for Trade:

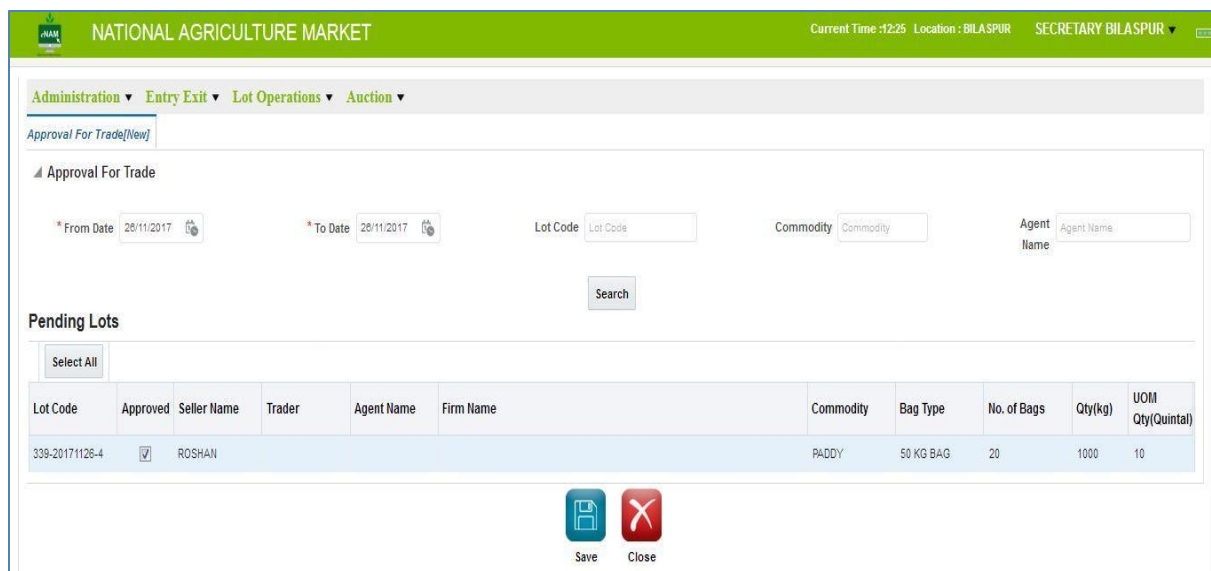
Module	Lot Operators
Screen	Approval for Trade
Users	DEO / Mandi Analyst / Secretary / Supervisor
Purpose	Giving Approval for trade online
Updates	YES

After assaying is completed it can be officially declare that lots are ready for trade. Now DEO will approve all the lots available and ready for bidding. Approval for trade can also be done before Assaying also.

### Earlier Version:



### Current Version:



### Current Enhancements:

- Lots can be approved for the trade based on filtering Lot wise, Agent wise, Commodity wise & date range.
- We can select all the lots in bulk and can approve for the trade.

### Weighment:

Module	Lot Operators
Screen	Weighment
Users	Weighment Operators
Purpose	To weigh the lots after bidding
Updates	YES

Weighment is the process of weighing the commodity after bidding is completed and winner is announced.

Weighment is the step to be strictly followed before generating Sale Agreement.

Weighment can be done through Weighbridges & Weigh Scales also.

The weight that is captured at Gate Entry can be modified in this screen. The same modified weight will be seen in Sale Agreement.

### Earlier Version:

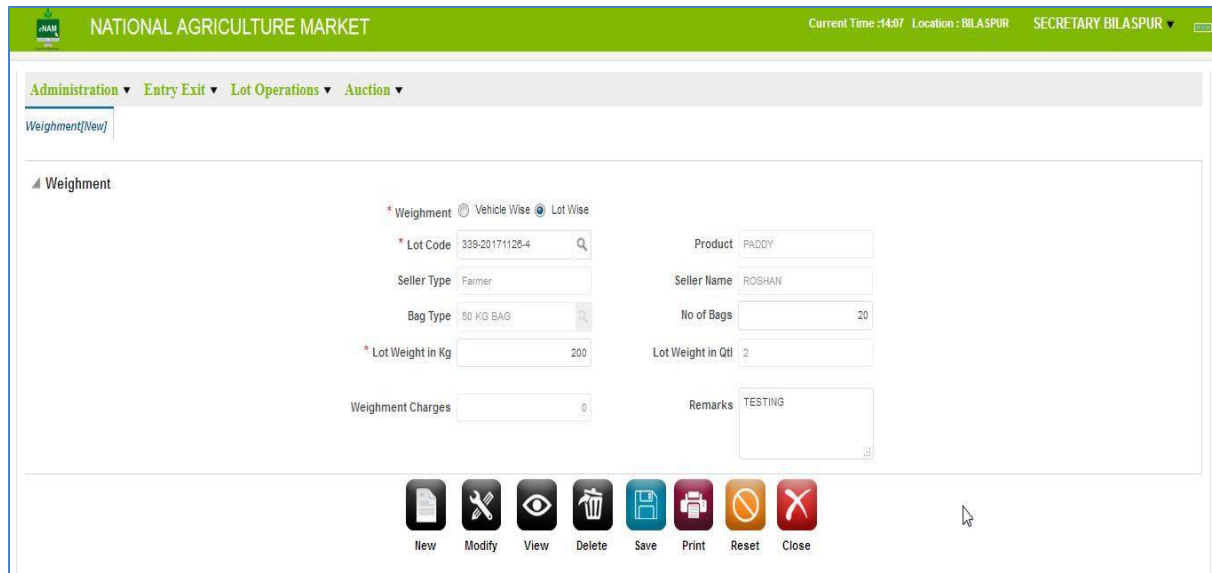


There is no change in the process in this version

Weighment can be done based on Vehicle wise and Lot wise also. If lot is selected all related information will be populated in the fields.



Current Version:



There is no difference in older and Current version except Integration which is explained in below pages.

### Lot Operations Reports:

There are 5+ reports here. Frequently used reports are Lot Tracker, Lot Assaying summary report, Lot Sample Detail, Sample Assaying Result...etc.

Screen:

