



Department of Agriculture, Cooperation & Farmers' Welfare
Ministry of Agriculture & Farmer's Welfare Government of India



Uttam Fasal Uttam Enaam

Addendum to Training Manual (Dec 2017) National Agriculture Market (NAM) Portal



Uttam Fasal Uttam Enaam

राष्ट्रीय कृषि बाजार

National Agriculture Market

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Uttam Fasal Uttam Enaam

राष्ट्रीय कृषि बाजार

National Agriculture Market

Introduction:

This document is an addendum to the Training Manual prepared for National Agriculture Market (NAM) Portal. The document has been prepared to educate and train the intended end users on the new features that are incorporated in the eNAM application by taking specific reference of the Training Manual to demonstrate the recent features. The process remains same as documented in the Training Manual; new and modified features in addition to it are demonstrated herein through screenshots.

1. eNAM Portal

<http://www.enam.gov.in/NAM/home/index.html>

The URL link above opens the portal and provides access to information related to the Application, Commodities, Latest updates on Agricultural Trade and other related information

Authorized Users:

- Farmers
- Traders
- Commission Agents
- Mandi Staff (Secretary, Supervisor, Data Entry Operator, Gate Entry Operator, Lab Technician, Weighment Operator, Bid Managers & Mandi Analysts)
- Administrators (Management, Support Team, Technical Team & Development Team)
- Government bodies

Farmers, Traders & Commission Agents are considered as primary stakeholders. They can register online through the portal link and Login for further transactions.

Workflow

NAM Application contains a dedicated work flow that follows specific process. The entire application is categorized in to four groups:

1. Administration
2. Exit Entry
3. Lot Operators
4. Auction

Each Category in turn is classified as

- Masters
- Transactions, and
- Reports

Masters contains number of Masters Configuration screens related to transactions.

Transaction contains complete workflow related screens and for every transaction corresponding reports that are available in Reports section.

Administration is entirely handled by (authorized) Administrators only taking security grounds in to consideration.

Exit Entry:

Masters:

1. Farmer Registration
2. Agent Registration

Transactions:

1. Vehicle Registration
2. Vehicle Gate Entry
3. Gate Entry New
4. Gate Exit
5. Agreement / Sale Bill Cancellation
6. CSV File upload
7. Registration Notification

Reports:

There are nearly 20 reports available related to Exit Entry transactions. Among these, the most frequently accessed reports are Gate Entry Register & Receipt, Gate Exit Register & Receipts, Weighbridge Receipt & Register, Farmer & Agent / Trader Registration report, Arrival Summary Report, Daily Report.

Lot Operations:

Transactions:

1. Lot Management
2. Sample Creation
3. Assaying
4. Approval for Trade
5. Weighment

Reports:

Frequently used reports are Lot Tracker, Lot Assaying summary report, Lot Sample Detail, Sample Assaying Result...etc.

Auction:

Master:

1. Sale Agreement for Master Update.

Transactions:

1. Bid Creation
2. Bid Rejection
3. Bid Declaration
4. Sale Agreement
5. Sale Bill

Reports:

These reports are very important among others. Nearly 30 reports are available for access. Among these, Bid Creation Report, Bid Submission Summary, Bid Opening winner list, Sale Summary Report, Lot Tracker detail report, DAARP Report, Payment settlement report, e-Payment report, Assayed and Traded lot report, Mandi wise agreement type summary report, Sale Agreement, Sale Agreement & Sale Bill Register are frequently used.

Main Screens & Facilities (Previous version Vs Current version):

#	Module	Screen	Previous Version	Current Version	Update
1	Portal	URL	Available	Available	NO
2		Home Page Dashboard	Available	Available	YES
3		Farmer Registration	Available	Available	YES
4		User Login Page	Available	Available	YES
5		Transactions Landing Page	Available	Available	YES
6	Exit Entry	Vehicle Registration	Available	Available	NO
7		Gate Entry	Available	Available	YES
8		Gate Exit	Available	Available	YES
9		Sale Agreement / Sale Bill Cancellation	NA	Available	YES
10		CSV File Upload	NA	Available	YES
11		Registration Notification	NA	Available	YES
12		Reports	Available	Available	YES
13	Lot Operations	Lot Management	Available	Available	YES
14		Sample Creation	Available	Available	NO
15		Assaying	Available	Available	YES
16		Approval for Trade	Available	Available	YES
17		Weighment	Available	Available	NO
18		Reports	Available	Available	YES
19	Auction	Sale Agreement for Master Update	NA	Available	YES
20		Bid Creation	Available	Available	YES
21		Bid Declaration	Available	Available	YES
22		Bid Rejection	NA	Available	YES
23		Sale Agreement	Available	Available	YES
24		Sale Bill	Available	Available	YES
25		Settlement	Available	NA	NO
26		Outcry Auction	Available	NA	NO
27		Outside APMC Sale Entry	Available	NA	NO
28	Trader Portal	Trader Portal	Available	Available	YES
29	CA Portal	Commission Agent Portal	Available	Available	YES
30	Payments	Payment Integration	NA	Available	YES
31	Weighment	Weigh Bridge Integration	NA	Available	YES
32		Weigh Scale Integration	NA	Available	YES
33	Mobile App	Mobile App	NA	Available	YES
34	Reports	Reports Access	Available	Available	YES
35	Admin	Admin Credentials / Masters	Available	Available	YES

Explanation of New Features

i. URL:

eNAM Portal can be accessed through <http://www.enam.gov.in/NAM/home/index.html>; there is no change from date of Go Live to till date (15 Jan 2018).

ii. Home Page:

By accessing the URL, entire information on eNAM and Agricultural Trends can be viewed. Home page of previous version:

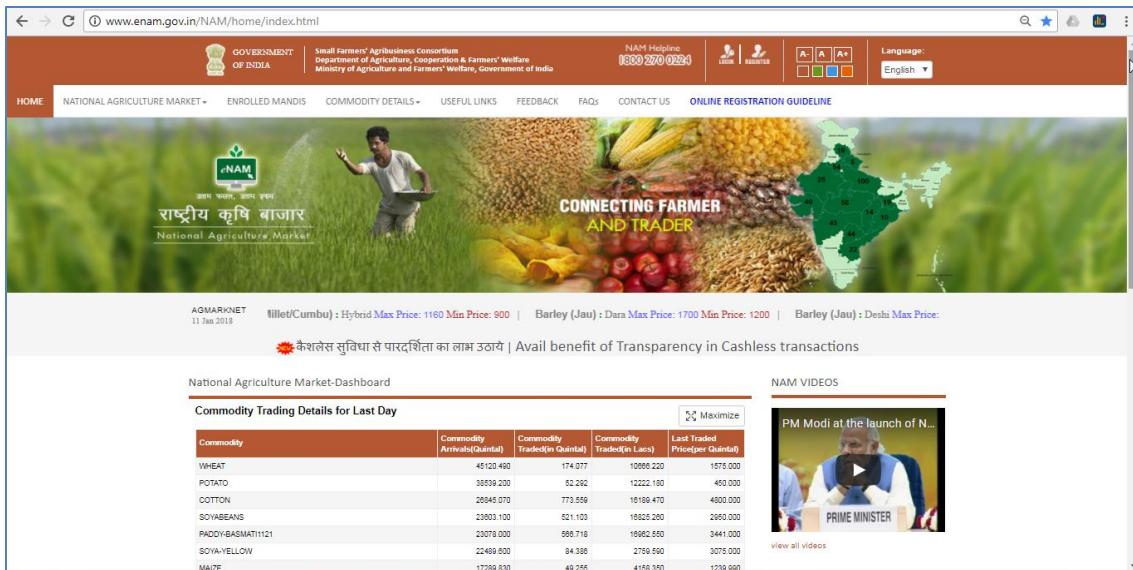


The screenshot shows the eNAM Home Page with the following sections:

- Header:** eNAM, राष्ट्रीय कृषि बाजार, National Agriculture Market.
- Banner:** CONNECTING FARMER AND TRADER, featuring a map of India and various agricultural products.
- Top Navigation:** DMI - Wheat: Dara Max Price: 1550 Min Price: 1500 | Rice Medium: Max Price: 2110 Min Price: 2000 | Rice: Ratnachudi Max Price: 2300 Min Price: 2200.
- National Agriculture Market-Dashboard:** Commodity Trading Details for Last 7 Days table.
- NAM VIDEOS:** PM Modi at the launch ...
- Event Glimpses:** view all videos.

Commodity	Commodity Arrivals (Quintal)	Commodity Traded (in Lacs)	Max Price (per Quintal)	Min Price (per Quintal)	Last Traded Price (per Quintal)
WHEAT	9932.80	134.36	3502.50	1465.00	1590.00
TURMERIC FINGER	3256.10	233.56	9141.00	1900.00	8150.00
COTTON-BAGS	2872.18	410.80	6300.00	4401.00	5250.00
TURMERIC BULB	1156.70	96.52	8978.00	1800.00	7900.00
CHILLIES	964.18	82.06	15600.00	3000.00	3000.00
SUNFLOWER	930.00	49.10	3800.00	2550.00	3800.00
GUAR SEEDS	624.00	20.91	3542.00	3200.00	3482.00
RED GRAM	326.56	13.62	8019.00	6050.00	7359.00

Current Home page:

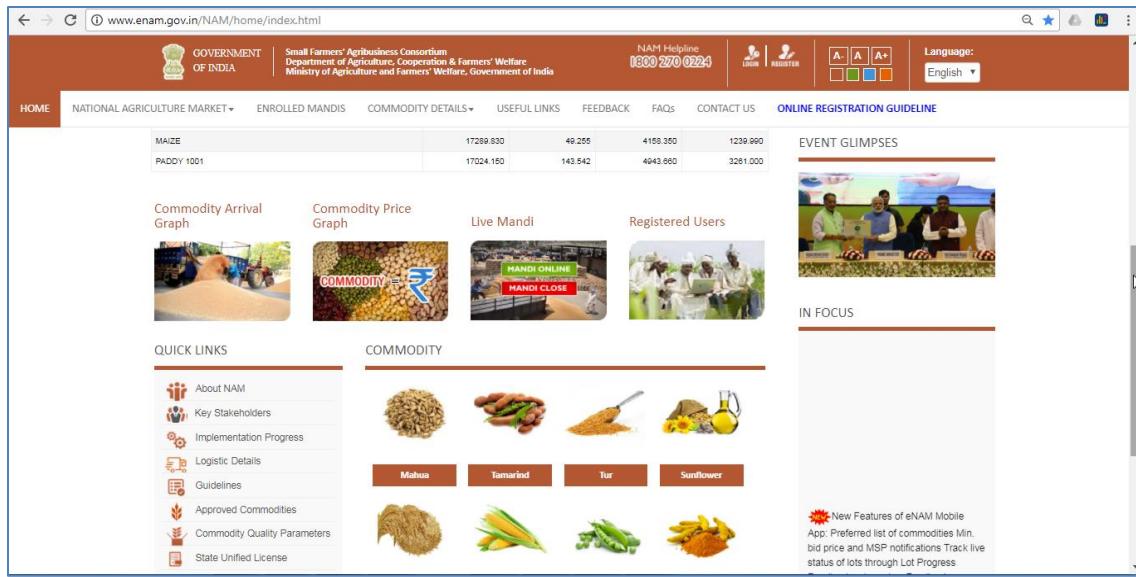


The screenshot shows the eNAM Home Page with the following sections:

- Header:** GOVERNMENT OF INDIA, Small Farmers' Agribusiness Consortium, Department of Agriculture, Cooperation & Farmers' Welfare, Ministry of Agriculture and Farmers' Welfare, Government of India.
- Top Navigation:** HOME, NATIONAL AGRICULTURE MARKET, ENROLLED MANDIS, COMMODITY DETAILS, USEFUL LINKS, FEEDBACK, FAQS, CONTACT US, ONLINE REGISTRATION GUIDELINE.
- Banner:** CONNECTING FARMER AND TRADER, featuring a map of India and various agricultural products.
- Top Navigation (Continued):** AGMARKNET 11 Jan 2018, Tillett/Cumbu : Hybrid Max Price: 1160 Min Price: 900 | Barley (Jau) : Dara Max Price: 1700 Min Price: 1200 | Barley (Jau) : Deshi Max Price: 1700 Min Price: 1200.
- NAM VIDEOS:** PM Modi at the launch of N...
- Event Glimpses:** view all videos.
- National Agriculture Market-Dashboard:** Commodity Trading Details for Last Day table.

Commodity	Commodity Arrivals(Quintal)	Commodity Traded(in Quintal)	Commodity Traded(Lacs)	Last Traded Price(per Quintal)
WHEAT	45120.400	174.077	10860.220	1675.000
POTATO	38539.200	62.262	12222.1	450.000
COTTON	20545.070	773.559	18169.470	4800.000
SOYABEANS	23003.100	821.103	18025.200	2960.000
PADDY-BASMATI1121	23078.000	696.716	19562.550	3441.000
SOYA-YELLOW	22469.800	84.388	2756.500	3075.000
MAIZE	17209.930	49.255	4158.300	1239.900

(Upper View)



The screenshot shows the eNAM Portal's home page. At the top, there is a header with the Government of India logo, the Small Farmers' Agribusiness Consortium logo, and the NAM Helpline number (1800 270 0284). The header also includes links for Login, Register, and Language selection (English). Below the header, there is a navigation bar with links for HOME, NATIONAL AGRICULTURE MARKET, ENROLLED MANDIS, COMMODITY DETAILS, USEFUL LINKS, FEEDBACK, FAQS, CONTACT US, and ONLINE REGISTRATION GUIDELINE.

The main content area displays several key metrics:

Commodity	Arrival	Price	Quantity	Value
MAIZE	17289.830	49.255	4159.350	1239.990
PADDY 1001	17024.150	143.542	4943.660	3281.000

Below these metrics are four cards: Commodity Arrival Graph, Commodity Price Graph, Live Mandi, and Registered Users. To the right, there is a section titled "EVENT GLIMPSES" with a thumbnail image of a group of people at a meeting. Further down, there is a "QUICK LINKS" sidebar with links to About NAM, Key Stakeholders, Implementation Progress, Logistic Details, Guidelines, Approved Commodities, Commodity Quality Parameters, and State Unified License. There is also a "COMMODITY" section with icons for various crops like Mahe, Tamarind, Tur, Sunflower, etc. On the far right, there is a "IN FOCUS" section with a note about new features in the eNAM Mobile App.

(Lower View)

Current Enhancements:

Home screen of eNAM Portal gives access to options like:

- NAM Common Helpline Number for Support
- Users Registration & Login
- Language Selection
- AGMARKNET Max & Min Prices of all commodities
- Previous day Trading details
- NAM related videos (Media)
- Latest Updates
- Commodity Arrival Graph
- Commodity Price Graph
- Live Mandi Status
- Registered Users
- Commodity Information along with Assaying Parameters
- Quick Links & Useful Links

Below mentioned are the sample screens of live portal referencing above points.

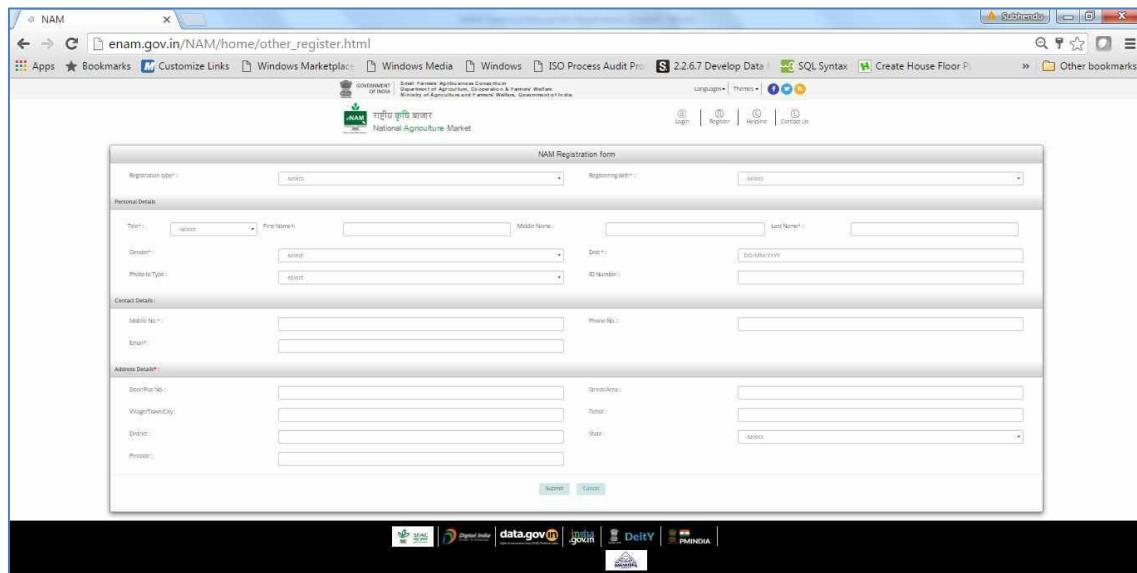
a) NAM Common Helpline Number for Support:

Dedicated Helpline number is displayed on right top of the screen.

Toll free number is 18002700224 and mail-id is enam.helpdesk@gmail.com.

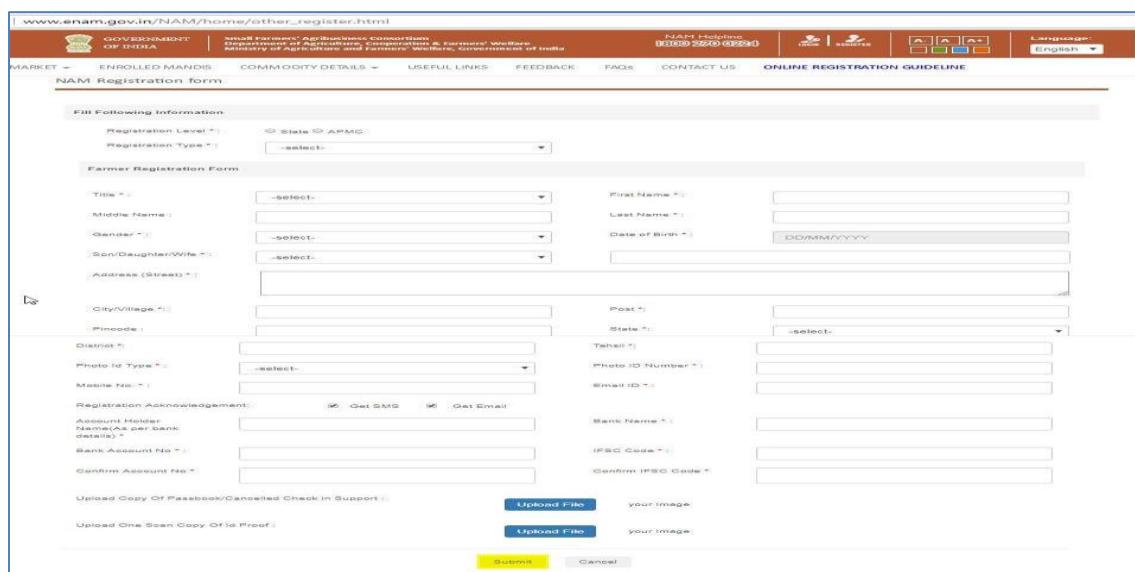
For Technical support enam.support@ikisan.com

b) User Registration Screen (Previous version):



The screenshot shows the 'NAM Registration form' on a web browser. The form includes sections for Personal Details (Title, First Name, Middle Name, Last Name, Gender, Photo ID Type, Date of Birth, ID Number), Contact Details (Mobile No., Email, Phone No.), and Address Details (Door No., Village/City, District, Post Office). At the bottom, there are 'Submit' and 'Cancel' buttons, along with links to various government websites like MCA212, Digital India, data.gov.in, and PMIINDIA.

User Registration Screen (Current version):



The screenshot shows the 'NAM Registration form' on a web browser. It includes a 'Fill Following Information' section with fields for Registration Level (APMC), Registration Type, and a dropdown for State. The main form is titled 'Farmer Registration Form' and contains sections for Personal Details (Title, First Name, Last Name, Middle Name, Date of Birth), Address (Street, City/Village, Pincode, District), and Identification (Photo ID Type, Photo ID Number, Date of Birth, Email ID). It also includes sections for Registration Acknowledgement (Get SMS, Get Email), Account Holder (Name As per bank, Bank Name, Bank Account No., Confirm Account No.), and IPSC Codes (IPSC Code, Confirm IPSC Code). At the bottom, there are fields for uploading copies of passbooks/Cancelled Cheque/Supporting documents and One Scan Copy of Id Proof, along with 'Upload File' buttons and 'Submit' and 'Cancel' buttons.

Previous version has Personal details, Address details & Contact details only.

Current Enhancements:

- Registration Level - State / APMC Level
- Registration Type – Seller / Buyer / CA / Service Provider
- Mandating ID proof type and many necessary fields.
- Registration Acknowledgement Type – Mail / SMS
- Bank details
- Uploading facility of proofs.

c) Language Selection:

Earlier only Hindi & English languages were available on portal.

Current Enhancements:



Gujarati, Telugu, Marathi, Bengali, Tamil & Odia are also available. Language can be selected through dropdown list.

d) AGMARKNET Max & Min Prices of all commodities:

Home dashboard contains Commodity Wise Minimum & Maximum prices as per today's market value. This helps Farmers know current market price also, traders will follow the bidding on these updates.



These details are called through web service from AGMARKNET and synced with eNAM.

e) Previous day Trading details:

This category explains about Commodity Arrivals, Commodity Traded Quantity, and Commodity Trade Value in Lakhs & Last Traded Price per Quintal.

Earlier this information will appear based on last 7 days frequency.

Earlier Version:

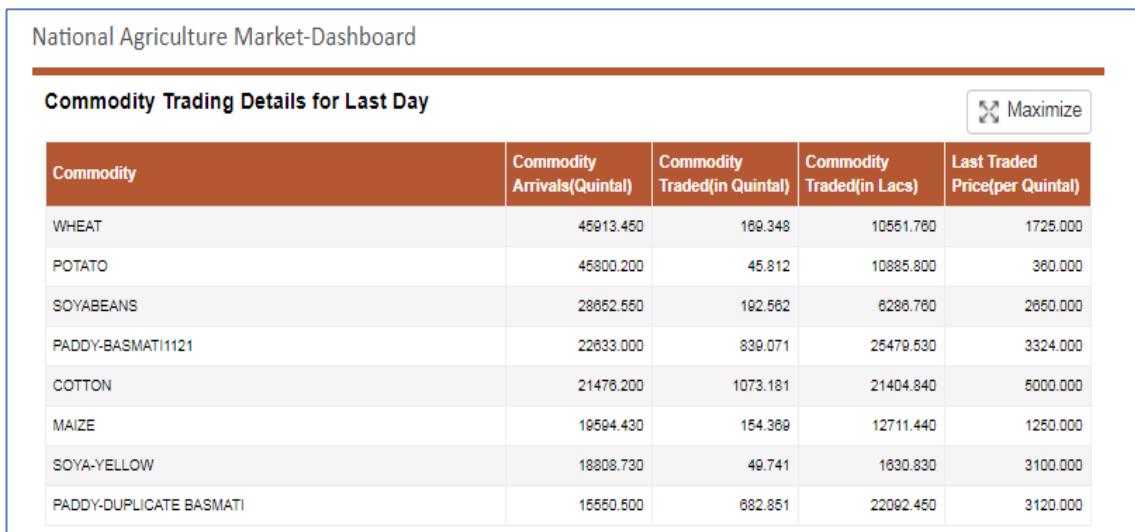


Commodity Trading Details for Last 7 Days					
Commodity	Commodity Arrivals (Quintal)	Commodity Traded (in Lacs)	Max Price (per Quintal)	Min Price (per Quintal)	Last Traded Price (per Quintal)
WHEAT	9932.80	134.36	3582.50	1465.00	1590.00
TURMERIC FINGER	3256.10	233.56	9241.00	1900.00	8250.00
COTTON-BAGS	2872.18	410.80	6300.00	4401.00	5250.00
TURMERIC BULB	1156.70	96.52	8978.00	1800.00	7800.00
CHILIES	964.18	82.06	15800.00	3000.00	3000.00
SUNFLOWER	930.00	49.10	3800.00	2550.00	3800.00
GUAR SEEDS	624.00	20.91	3542.00	3200.00	3482.00
RED GRAN	326.56	13.62	8029.00	6050.00	7359.00

Current Enhancements:

- Date range has been reduced and previous day trading details are populated.
- Commodity Traded in Quintals is projected in the dashboard.

Current Version:



Commodity	Commodity Arrivals(Quintal)	Commodity Traded(in Quintal)	Commodity Traded(in Lacs)	Last Traded Price(per Quintal)
WHEAT	45913.450	169.348	10551.760	1725.000
POTATO	45800.200	45.812	10885.800	360.000
SOYABEANS	29852.550	192.562	6286.760	2650.000
PADDY-BASMATI1121	22633.000	839.071	25479.530	3324.000
COTTON	21476.200	1073.181	21404.840	5000.000
MAIZE	19594.430	154.369	12711.440	1260.000
SOYA-YELLOW	18808.730	49.741	1630.830	3100.000
PADDY-DUPLICATE BASMATI	15550.500	682.851	22092.460	3120.000

On maximizing the screen, drop down gives State Level Commodity & Date wise information.

f) NAM Related videos:

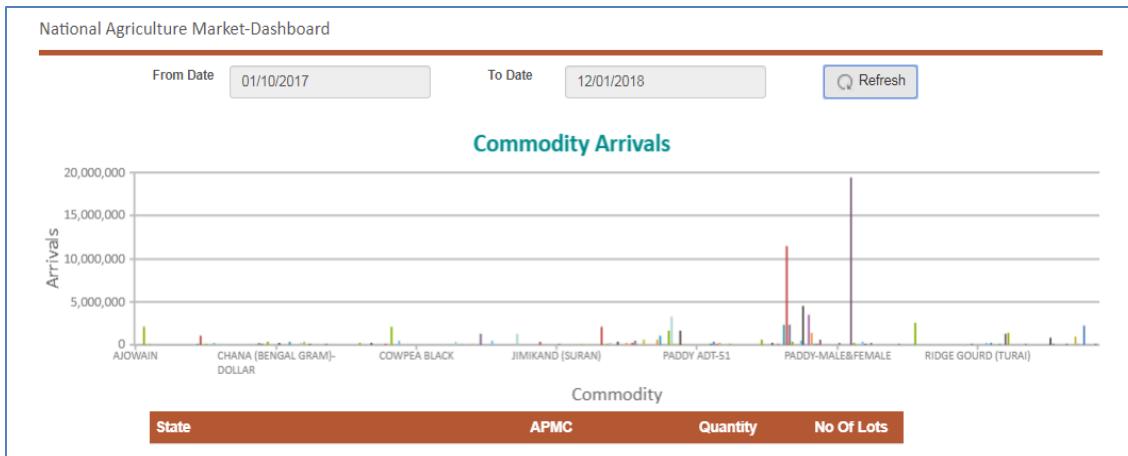
Here all media and events related to eNAM can be viewed.

g) Latest Updates:

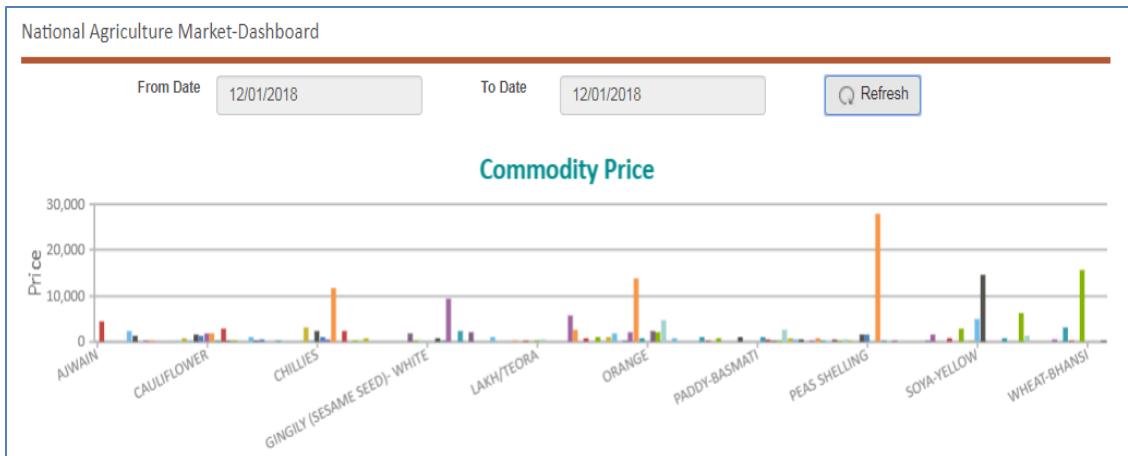
Here all Current changes, project plan, Current implementations, achievement etc. and many can be seen under “In Focus” grid.

h) Commodity Arrival Graph

There is no change in this area as compared to the previous version. Through this graph commodity arrivals on specific date range are monitored or studied.



i) Commodity Price Graph

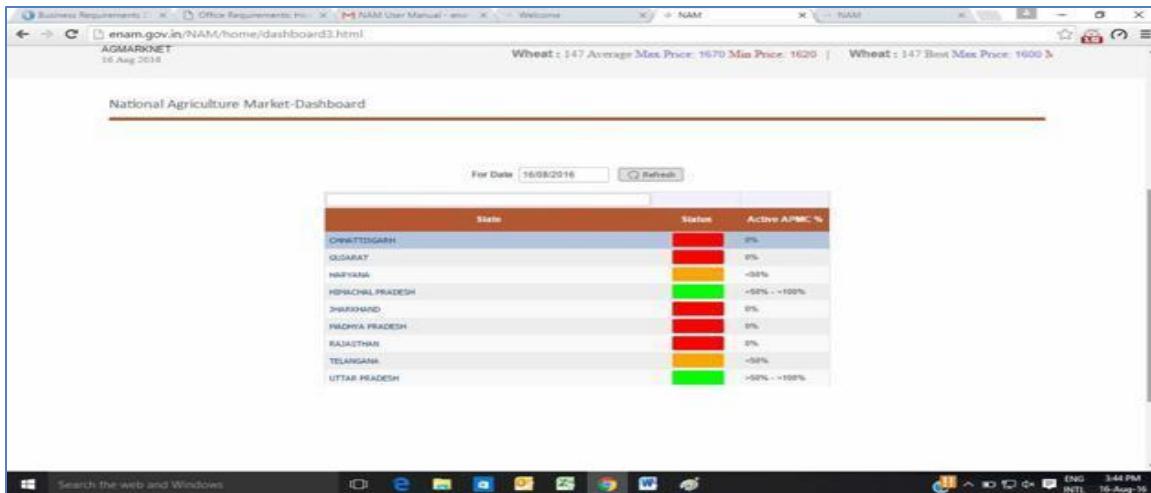


Here, prices against each commodity with defined date range can be viewed.

j) Live Mandi Status:

Live status of Mandis in every state can be viewed. Here live status indicates the gate entry in each APMC

Earlier Version:



Current Version:

National Agriculture Market-Dashboard					
From Date		12/01/2018	To Date	12/01/2018	Refresh
Sr.No.	State	Total APMC	Online APMC	Status	Active APMC %
1	ANDHRA PRADESH	22	16		>=50% - <100%
2	CHHATTISGARH	14	9		>=50% - <100%
3	GUJARAT	40	25		>=50% - <100%
4	HARYANA	54	25		<50%
5	HIMACHAL PRADESH	19	12		>=50% - <100%
6	JHARKHAND	19	4		<50%
7	MADHYA PRADESH	58	37		>=50% - <100%
8	MAHARASHTRA	45	11		<50%
9	ODISHA	10	1		<50%
10	RAJASTHAN	25	20		>=50% - <100%
11	TAMIL NADU	15	1		<50%
12	TELANGANA	44	23		>=50% - <100%
13	UTTAR PRADESH	100	55		>=50% - <100%
Total		470	241		

Current Enhancements:

- Total APMC's (Integrated APMC's count) is shown on dashboard.
- Live / Online APMC's count is displayed. (Gate Entries)
- Active APMC % is seen on the dashboard.

k) Registered Users

State and mandi wise registered users count can be seen.

This is Current enhancement that was not available in previous version.

Sr.No.	State	Buyer	Commission Agent	Service Provider	Seller
1	ANDHRA PRADESH	2427	2220	0	319434
2	CHHATTISGARH	2762	215	0	64773
3	GUJARAT	7566	5244	0	428079
4	HARYANA	8209	19001	0	1859290
5	HIMACHAL PRADESH	1853	1086	0	51775
6	JHARKHAND	1166	1	0	6741
7	MADHYA PRADESH	18733	0	1	373714
8	MAHARASHTRA	7523	6952	1	193436
9	ODISHA	674	0	0	31987
10	RAJASTHAN	11405	4954	0	367703
11	TAMIL NADU	846	0	0	6617
12	TELANGANA	5128	3866	0	870677
13	UTTAR PRADESH	30923	8239	2	2591638
14	UTTARAKHAND	1630	1352	0	7073
Total		100845	53130	4	7192937

Current Enhancements:

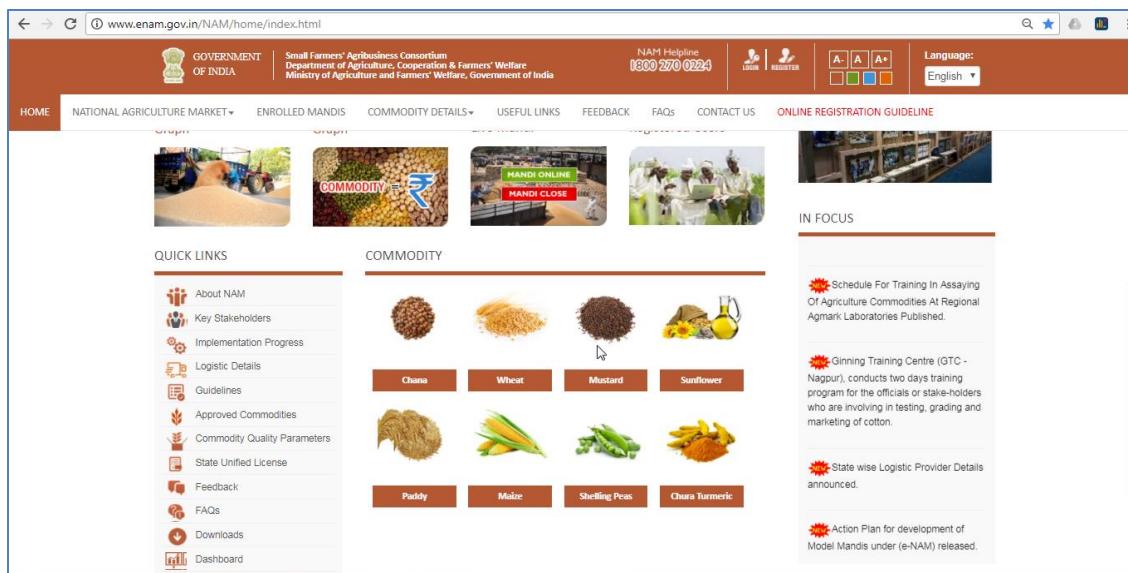
- State wise Seller / Buyer / CA & Service Providers registered on eNAM count can be seen on the portal.
- On clicking the state, Mandi wise registered users count on the portal are available.

Sr.No.	APMC's for State UTTARAKHAND	Buyer	Commission Agent	Service Provider	Seller
1	GADARPUR	198	194	0	1344
2	HARIDWAR	477	310	0	772
3	KASHIPUR	561	386	0	1801
4	KICHHA	227	297	0	1270
5	SITARGANJ	167	165	0	1886
Total		1630	1352	0	7073

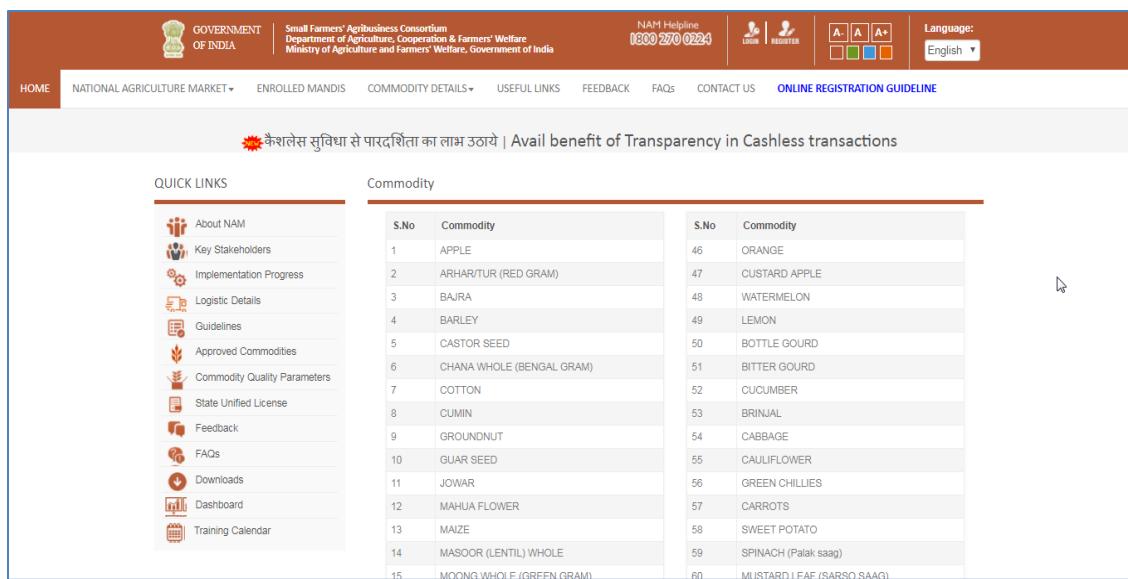
I) Commodity Information along with Assaying Parameters:

This is another Current feature added on the portal for viewing all approved commodities and their parameters with defined ranges.

Based on these ranges commodity grading would be done that is useful for traders to bid right prices.



The screenshot shows the eNAM homepage with a navigation bar at the top. Below the navigation bar, there are several sections: 'QUICK LINKS' on the left, 'COMMODITY' with images of various grains and pulses in the center, and 'IN FOCUS' on the right with news items. The main content area features a grid of commodity images with labels: Chana, Wheat, Mustard, Sunflower, Paddy, Maize, Shelling Peas, and Chura Turmeric.



The screenshot shows the eNAM homepage with a banner at the top stating 'कैशलेस सुविधा से पारदर्शिता का लाभ उठाये | Avail benefit of Transparency in Cashless transactions'. Below the banner, the layout is identical to the first screenshot, featuring 'QUICK LINKS', 'Commodity' images, and 'IN FOCUS'. The main content area displays a large table listing 60 different commodities, each with a unique ID and name.

S.No	Commodity	S.No	Commodity
1	APPLE	46	ORANGE
2	ARHAR/TUR (RED GRAM)	47	CUSTARD APPLE
3	BAJRA	48	WATERMELON
4	BARLEY	49	LEMON
5	CASTOR SEED	50	BOTTLE GOURD
6	CHANA WHOLE (BENGAL GRAM)	51	BITTER GOURD
7	COTTON	52	CUCUMBER
8	CUMIN	53	BRINJAL
9	GROUNDNUT	54	CABBAGE
10	GUAR SEED	55	CAULIFLOWER
11	JOWAR	56	GREEN CHILLIES
12	MAHUA FLOWER	57	CARROTS
13	MAIZE	58	SWEET POTATO
14	MASOOR (LENTIL) WHOLE	59	SPINACH (Palak saag)
15	MOONG WHOLE (GREEN GRAM)	60	MUSTARD LEAF (SARSA SAAG)

Assaying Parameters:

QUICK LINKS

-  About NAM
-  Key Stakeholders
-  Implementation Progress
-  Logistic Details
-  Guidelines
-  Approved Commodities
-  Commodity Quality Parameters
-  State Unified License
-  Feedback
-  FAQs
-  Downloads
-  Dashboard
-  Training Calendar

Commodity Quality Parameters (as per Directorate of Marketing and Inspection (DMI)).

1. Arhar/TUR (Red Gram) Whole: shall be the dried and mature seeds of Pulses (Cajanus cajan).



S.No	Tradable Parameters	Range-I	Range-II	Range-III
1	Moisture (% by wt)	upto 10.0	10.1-12.0	12.1-14.0
2	Foreign matter (% by wt)	upto 0.10	0.11-0.60	0.61-1.0
3	Other edible grains (% by wt)	upto 0.50	0.51-2.0	2.01-5.0
4	Damaged grains (% by wt)	upto 0.50	0.51-2.0	2.01-5.0
5	Weevil led grains (% by count)	upto 3.0	3.1-5.0	5.1-10.0
6	Uniformity	More uniform	Slightly less uniform	Less uniform
7	Luster	Normal	Medium	Poor

2. Moong whole (green gram): shall be the dried and mature seeds of Pulses green gram Vigna radiate (L.) (Phaseolus aureus Roxb.or Phaseolus radiates Roxb.).



S.No	Tradable Parameters	Range-I	Range-II	Range-III
1	Moisture (% by wt)	Upto 10.0	10.1-12.0	12.1-14.0
2	Foreign matter (% by wt)	Upto 0.1	0.11-0.6	0.61-1.0

m) Quick Links & Useful Links:

There are Quick & Useful links provided on the portal. Important among them are About NAM, Key Stakeholders, Implementation Progress, Logistics Details, Guidelines, Approved Commodities, State Unified Licenses, FAQ's, downloads, dashboard, Training Calendar...etc.

QUICK LINKS

-  About NAM
-  Key Stakeholders
-  Implementation Progress
-  Logistic Details
-  Guidelines
-  Approved Commodities
-  Commodity Quality Parameters
-  State Unified License
-  Feedback
-  FAQs
-  Downloads
-  Dashboard
-  Training Calendar

Training Manual for National Agriculture Market – Addendum Dec 2017

WORKFLOW

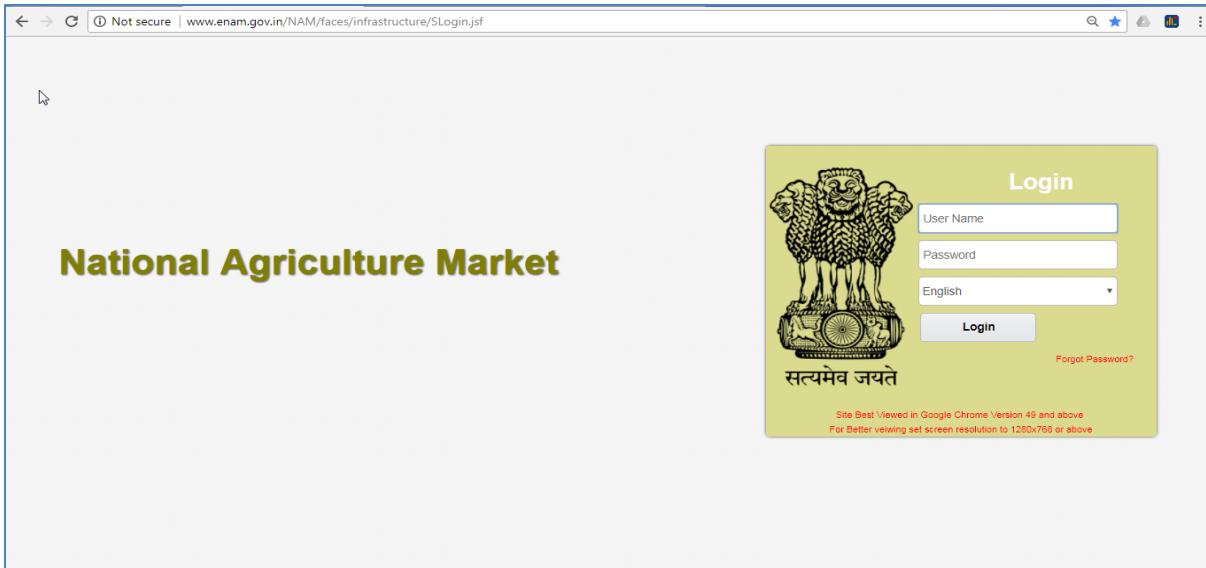
Home Page:

After user is registered, he / she can login to the application through Login button which can be seen on right top corner of the portal. User need to provide User-ID & Password to login successfully.

Earlier Version:



Current Version:



Current Enhancements:

- In Current login page forgot password option is available
- Selection of Language and 6 languages are available to login.

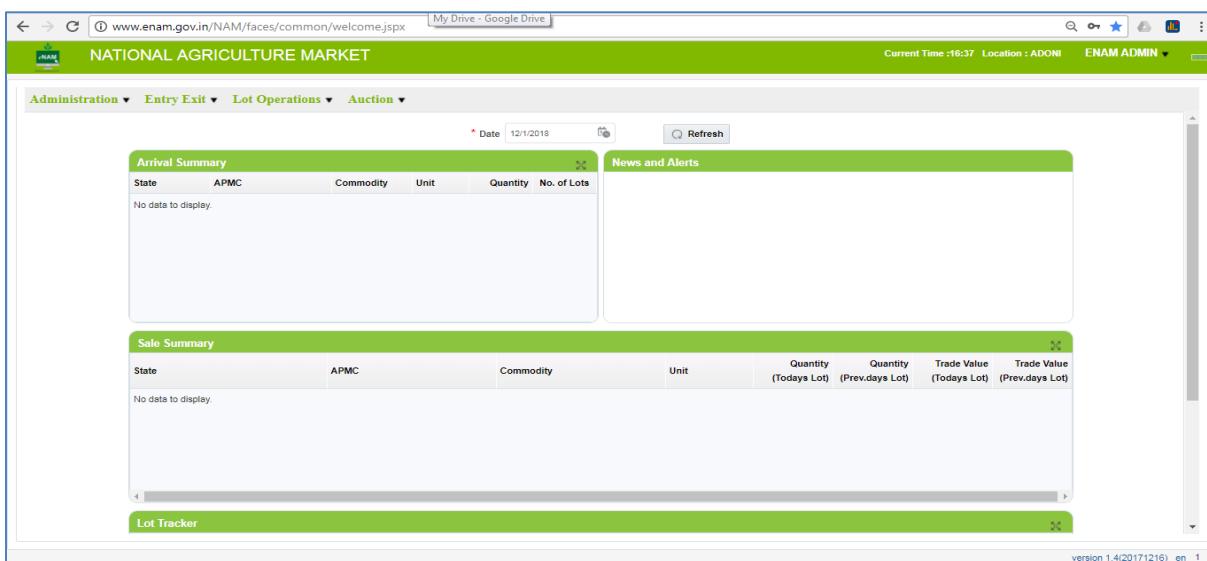
Landing Page

After successful login user will land to the transaction page.

Earlier Version:



Current Version:

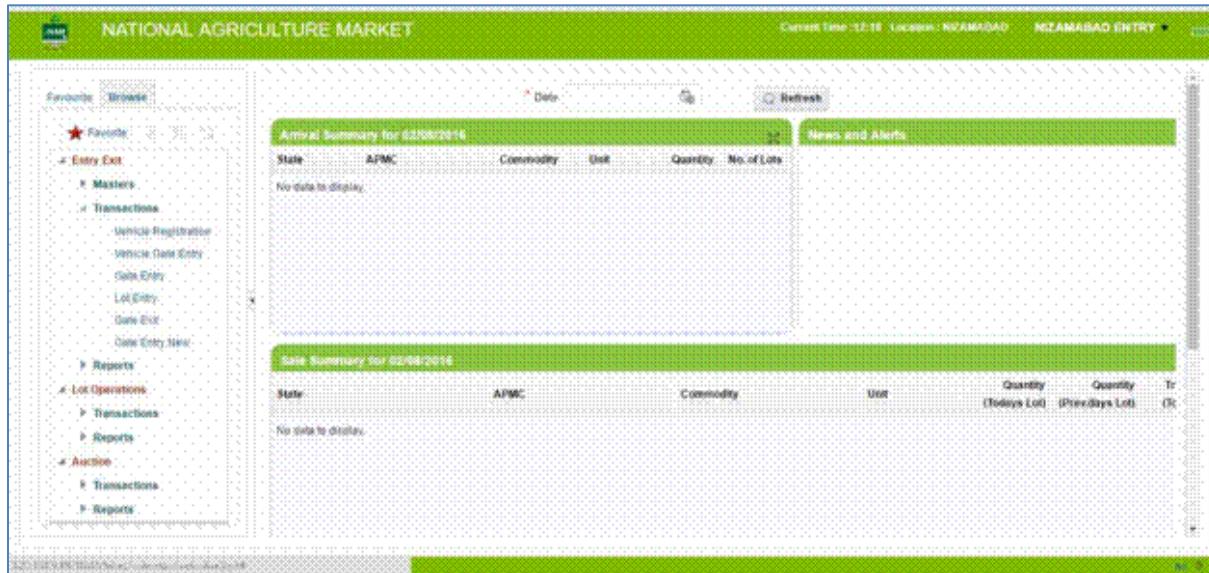


Current Enhancements:

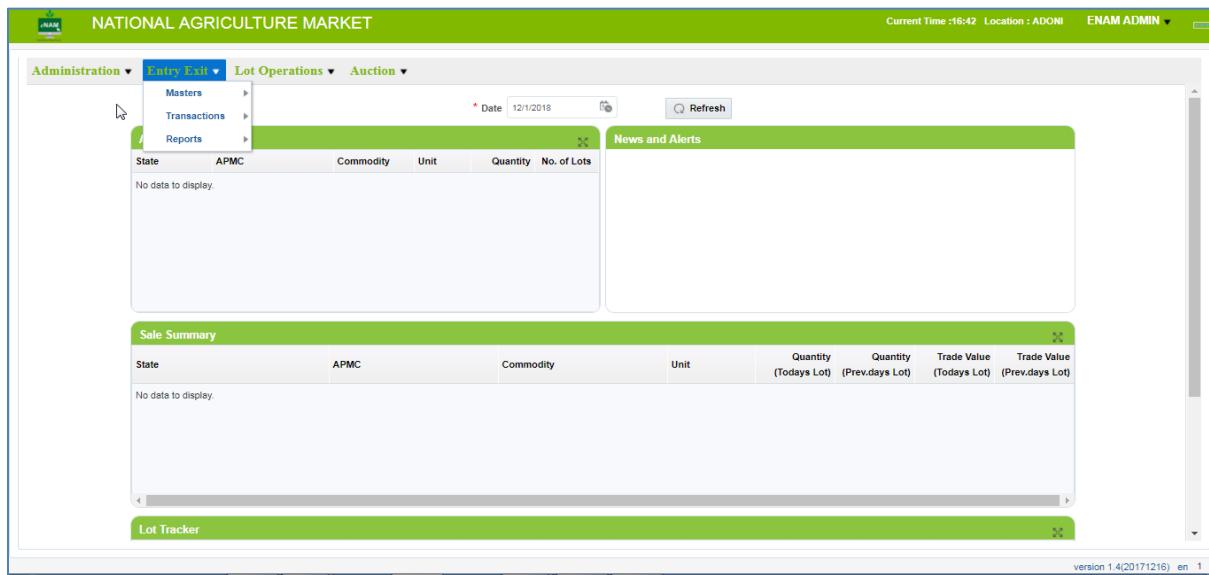
- Previous version is vertical approach and current version is horizontal approach.
- Arrival Summary, Sale Summary & Lot Tracker details can be seen on landing page by selecting specific date.

2. Exit Entry:

Earlier Version:



Current Version:



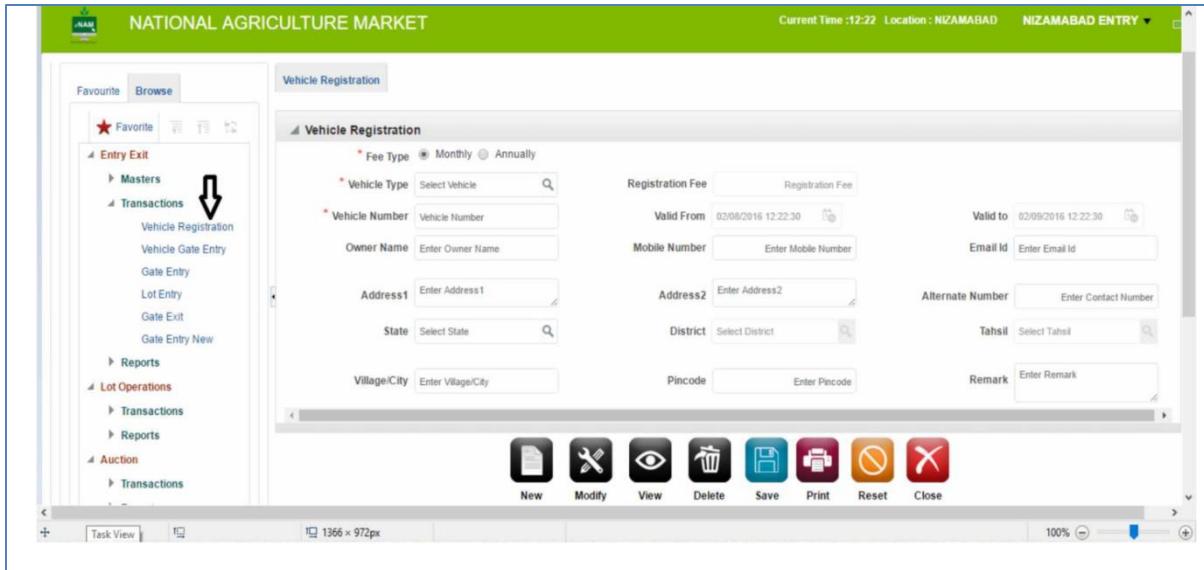
Current Enhancements:

- There are few screens and reports added to Exit Entry Module which can be explained in coming pages.

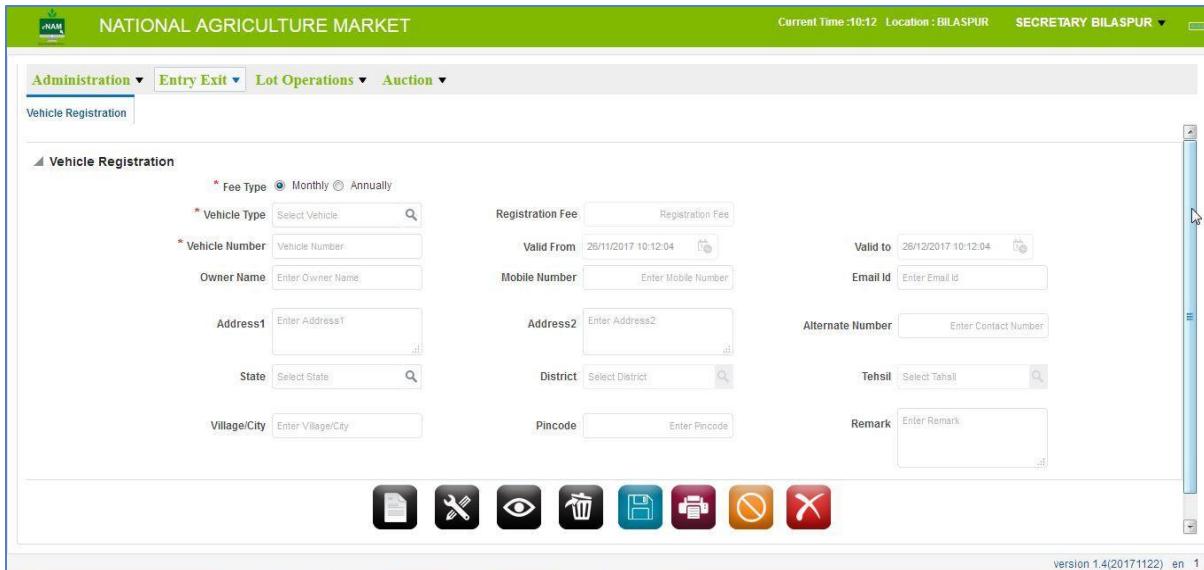
Vehicle Registration

Module	Exit Entry
Screen	Vehicle Registration
Users	Gate Entry Operators
Purpose	To register any vehicle entering APMC carrying Produce
Updates	No

Earlier Version:



Current Version:



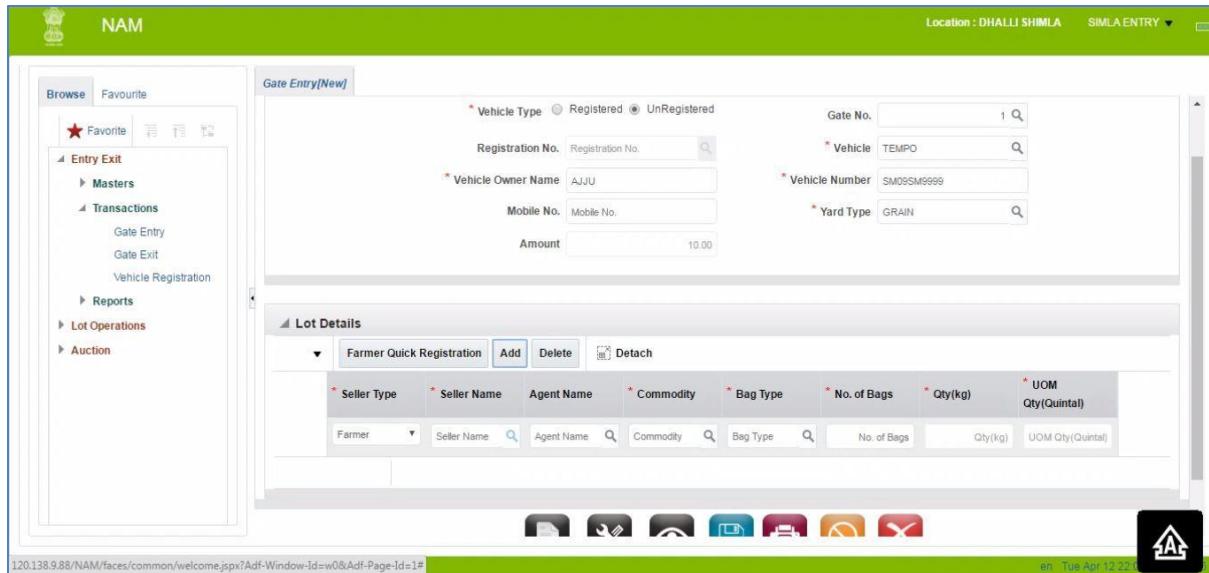
Current Enhancements:

Except look and feel there is no change in the process of Vehicle Registration.
All the fields remain same.

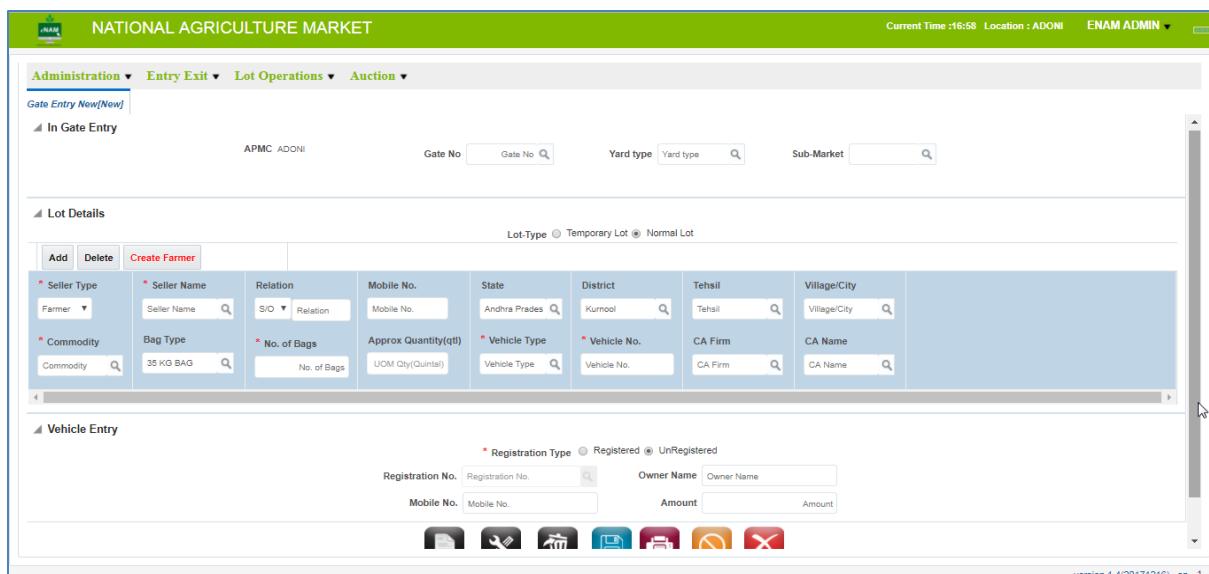
Gate Entry:

Module	Exit Entry
Screen	Gate Entry
Users	Gate Entry Operators / DEO's
Purpose	To register the farmer, commodity and to generate Lot-ID
Updates	YES

Earlier Version:



Current Version:



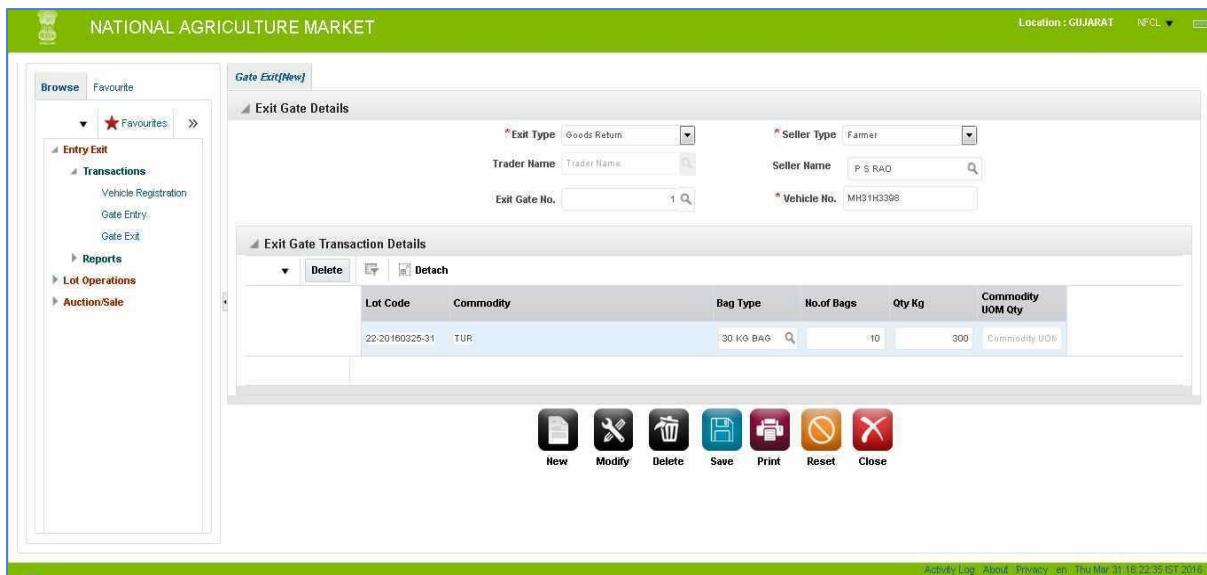
Current Enhancements:

- Registering Lots as Temporary & Permanent (Temporary- Where farmer details are not known, Permanent-Farmer and Commodity details are known)
- Added Relation Name of Farmer / Trader
- Farmer Contact & Address details in detail
- Sub Market / Warehouse Mapping
- CA Name & Firm Name
- Tab Navigation Facility
- Addition of Multiple lots with different farmers
- Gate Entry Receipt generation with Current format

Gate Exit:

Module	Exit Entry
Screen	Gate Entry
Users	Gate Entry Operators / DEO's
Purpose	To exit the lots before or after the bidding
Updates	YES

Earlier Version:



The screenshot shows the 'Gate Exit [New]' screen of the eNAM software. The top navigation bar indicates 'Location : GUJARAT' and 'NFCL'. The left sidebar has links for 'Entry Exit', 'Transactions' (Vehicle Registration, Gate Entry, Gate Exit), 'Reports', 'Lot Operations', and 'Auction/Sale'. The main area has two tabs: 'Exit Gate Details' and 'Exit Gate Transaction Details'. In 'Exit Gate Details', fields include 'Exit Type' (Goods Return), 'Seller Type' (Farmer), 'Seller Name' (P S RAO), and 'Vehicle No.' (MH31H3398). In 'Exit Gate Transaction Details', there is a table with columns: Lot Code, Commodity, Bag Type, No. of Bags, Qty Kg, and Commodity UOM Qty. A single row is shown with values: 22-20160325-31, TUR, 30 KG BAG, 10, 300, and Commodity UOM Qty. At the bottom are standard application buttons: New, Modify, Delete, Save, Print, Reset, and Close.

Current Version:

Current Enhancements:

- Lots can be exited in two ways a) Post trade exit b) Goods Return
- Lots can be exited based on Farmer / Trader / CA / Lot wise farmer

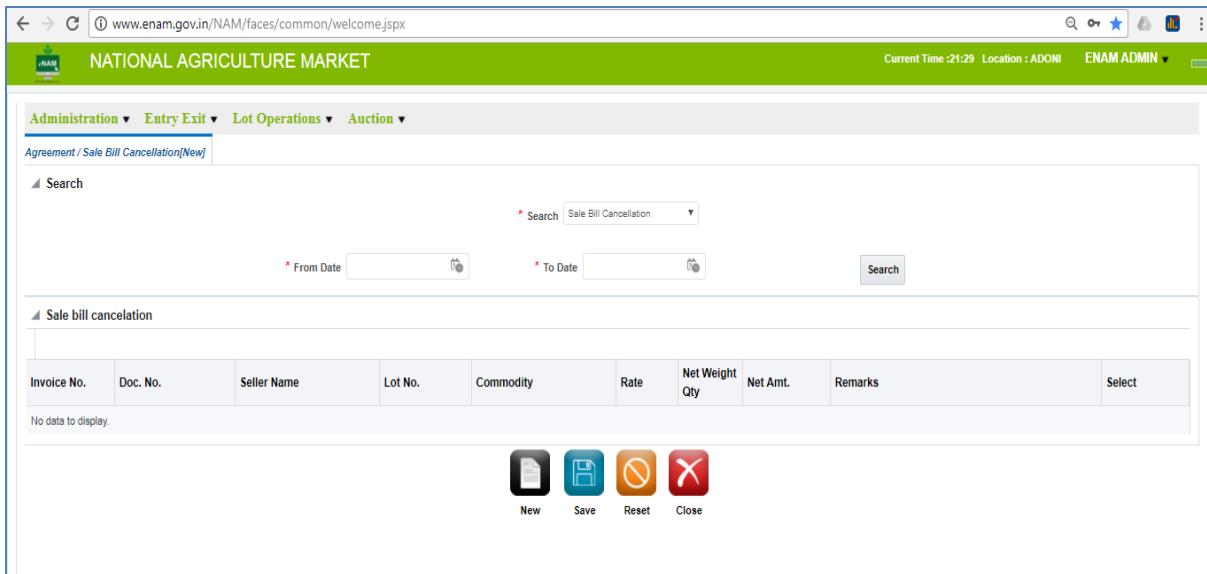
Sale Agreement / Sale Bill Cancellation:

Module	Exit Entry
Screen	Sale Agreement / Sale Bill Cancellation
Users	DEO's / Mandi Analysts
Purpose	For cancellation of Agreement / Sale Bill
Updates	YES

This option is Current, and this is useful in cancellation of Sale Agreements / Sale Bills based on different situations.

In case of unsatisfied terms and conditions and wrong details entry we can cancel the Agreement and Invoice. If Sale Agreement and Sale Bill is generated, we need to cancel Sale Bill first and then Sale Agreement. The cancelation status will be reflected in reports also.

Screen:



Features:

- Based on date range we can cancel Sale Agreement and Sale Bill.
- We can provide remarks as mandatory before cancelling Sale Agreement and Sale Bill.
- We can view all the details of lot before canceling and confirming.

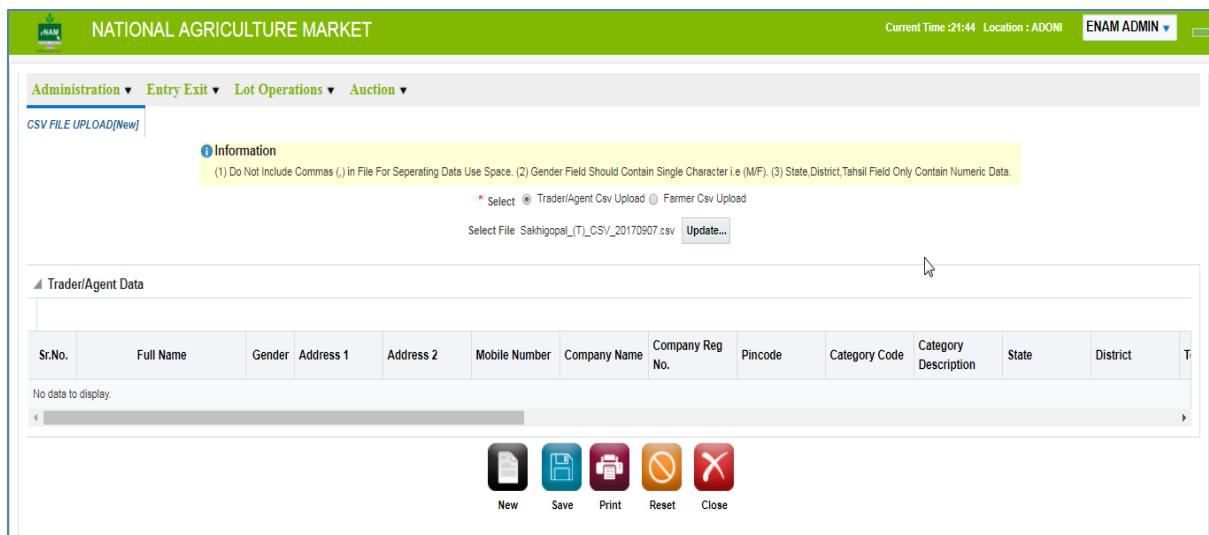
CSV File Upload:

Module	Exit Entry
Screen	CSV File Upload
Users	Mandi Analysts / Admin
Purpose	For registering Farmers / Traders / CA's
Updates	YES

This provision is used for bulk registration of Farmers, Traders & Commission Agents through CSV File.

A dedicated format is available to collect the data related for registration. While uploading the data need to format the data as per the instructions mentioned on the screen.

Screen:

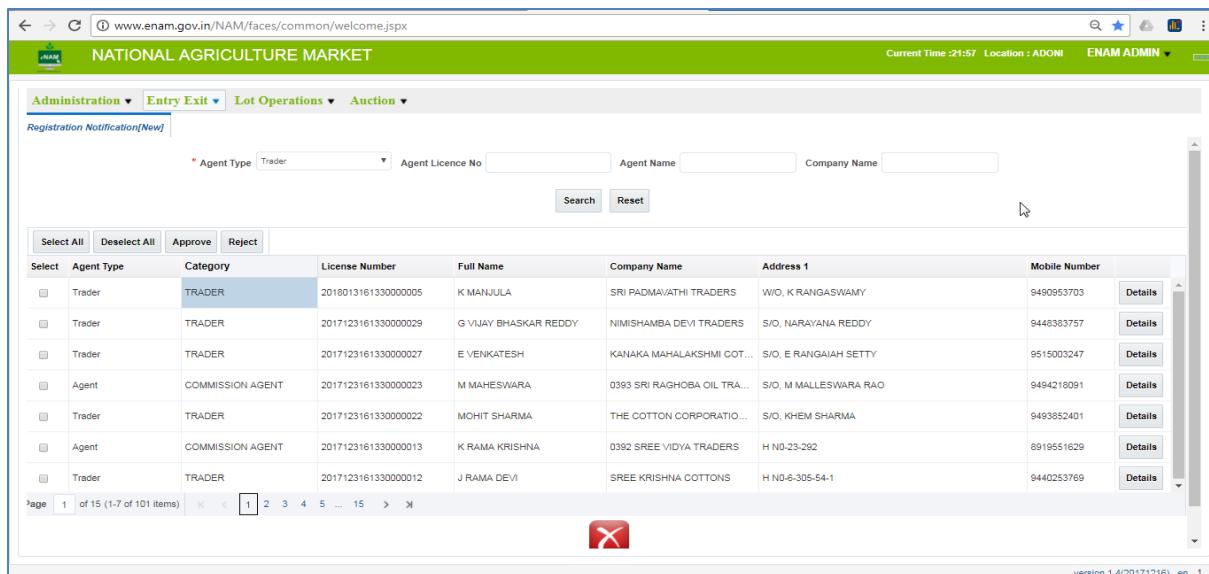


Registration Notification:

Module	Exit Entry
Screen	Registration Notification
Users	Secretary / Mandi Analyst
Purpose	For Authenticating users after registration
Updates	YES

This is a Current feature that authenticates users registered from the portal. Users registering from online portal need to be approved from this screen. Secretary / Mandi Analyst are authorized to take up this activity.

Screen:



Select	Agent Type	Category	License Number	Full Name	Company Name	Address 1	Mobile Number
<input type="checkbox"/>	Trader	TRADER	201801316133000005	K MANJULA	SRI PADMAVATHI TRADERS	W/O, K RAJAGHAWAMY	9490953703
<input type="checkbox"/>	Trader	TRADER	201712316133000029	G VIJAY BHASKAR REDDY	NIMISHAMBA DEVI TRADERS	S/O, NARAYANA REDDY	9448383757
<input type="checkbox"/>	Trader	TRADER	201712316133000027	E VENKATESH	KANAKA MAHALAKSHMI COT...	S/O, E RANGAIAH SETTY	9515003247
<input type="checkbox"/>	Agent	COMMISSION AGENT	201712316133000023	M MAHESWARA	0393 SRI RAGHOBAL TRA...	S/O, M MALLESWARA RAO	9494218091
<input type="checkbox"/>	Trader	TRADER	201712316133000022	MOHIT SHARMA	THE COTTON CORPORATIO...	S/O, KHEM SHARMA	9493852401
<input type="checkbox"/>	Agent	COMMISSION AGENT	201712316133000013	K RAMA KRISHNA	0392 SREE VIDYA TRADERS	H NO-23-292	8919551629
<input type="checkbox"/>	Trader	TRADER	201712316133000012	J RAMA DEVI	SREE KRISHNA COTTONS	H NO-6-305-54-1	9440253769

Features:

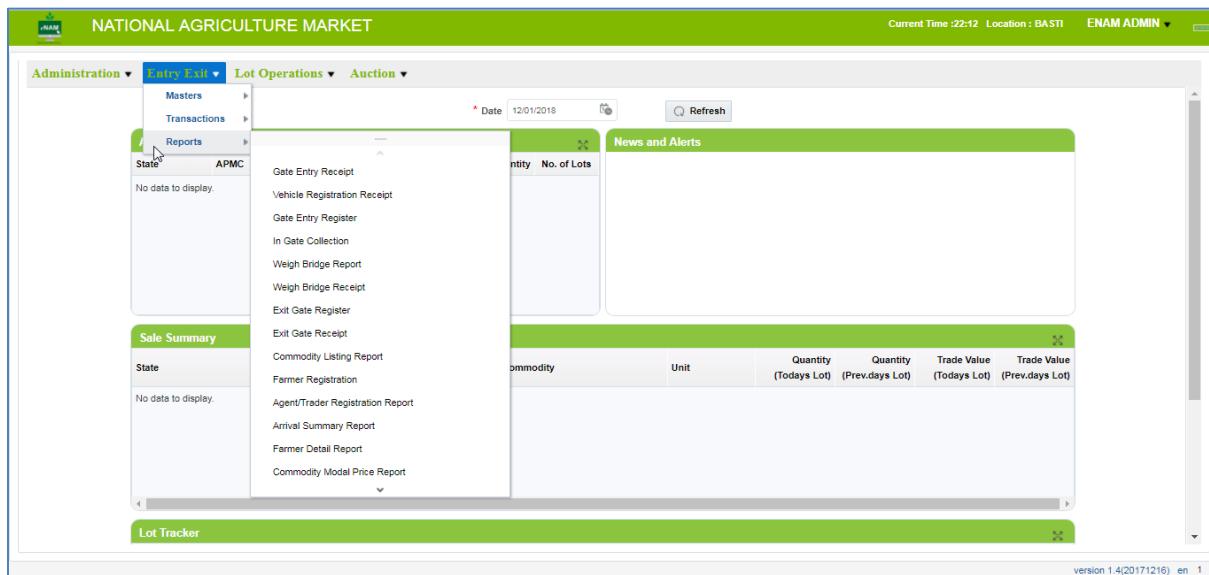
- Notifications soon after any user is registered from online portal can be viewed.
- We can still view and modify the wrong details which are entered by users while registering.

Exit Entry Reports:

Module	Exit Entry
Screen	Reports
Users	Secretary / Mandi Analyst / DEO / GEO
Purpose	For verification of reports related to transactions done in Exit Entry
Updates	YES

Nearly there are 20+ reports related to Exit Entry transactions. Among them regularly used reports are Gate Entry Register & Receipt, Gate Exit Register & Receipts, Weighbridge Receipt & Register, Farmer & Agent / Trader Registration report, Arrival Summary Report, daily Report...etc.

Screen:



The screenshot shows the eNAM Admin interface with the following details:

- Header:** NATIONAL AGRICULTURE MARKET, Current Time :22:12, Location : BASTI, ENAM ADMIN
- Navigation:** Administration ▾, Entry Exit ▾, Lot Operations ▾, Auction ▾
- Left Sidebar:**
 - Entry Exit:** Masters, Transactions (highlighted), Reports
 - Sale Summary:** State, No data to display.
- Middle Content:**
 - Transactions:** Gate Entry Receipt, Vehicle Registration Receipt, Gate Entry Register, In Gate Collection, Weigh Bridge Report, Weigh Bridge Receipt, Exit Gate Register, Exit Gate Receipt.
 - APMC:** Commodity Listing Report, Farmer Registration, Agent/Trader Registration Report, Arrival Summary Report, Farmer Detail Report, Commodity Modal Price Report.
 - Lot Operations:** Date: 12/01/2018, Refresh button, News and Alerts panel.
 - Auction:** Partially visible at the top right.
- Bottom:** Lot Tracker panel.

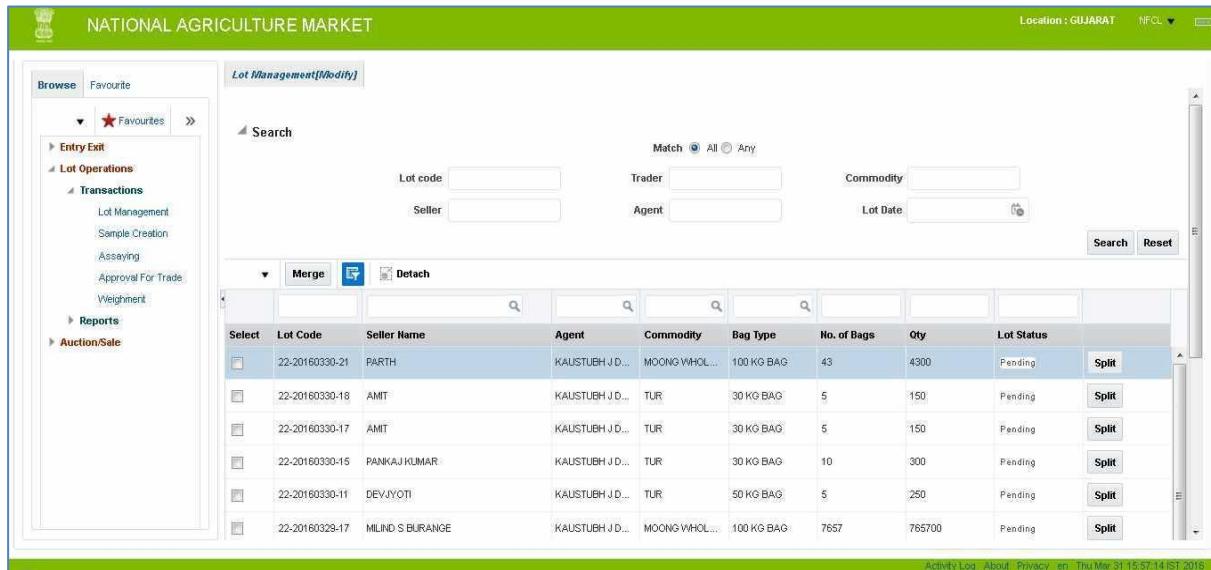
3. Lot Operations

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.

NATIONAL AGRICULTURE MARKET

Current Time :11:00 Location :BILASPUR SECRETARY BILASPUR ▾

Administration ▾ Entry Exit Lot Management[Modify]

Lot 339-20171126-1 / ROSHAN / PADDY / 20 - 50 KG BAG

Split Lot

Number of Lots		Approx Quantity(Quintal)		
Bag Type	Number of Bags	Quantity		
50 KG BAG	10	500	5	
50 KG BAG	10	500	5	

Save Cancel

Search

Lot code Seller

Merge

Select	Lot Code	Seller Name	Agent	Company Name	Commodity	Bag Type	No. of bags	Qty(kg)	Lot Status	Split
<input checked="" type="checkbox"/>	339-20171126-1	ROSHAN	Click here to assign Agent	Click here to assign Company	PADDY	50 KG BAG	20	1000	Pending	

Reset Close

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

NATIONAL AGRICULTURE MARKET

Current Time :11:02 Location :BILASPUR SECRETARY BILASPUR ▾

Administration ▾ Entry Exit ▾ Lot Operations ▾ Auction ▾

Lot Management

Merging Lots[339-20171126-3,339-20171126-2]

Commodity	Bag Type	Date	Lot Type	Company
PADDY	50 KG BAG	28/11/2017	Normal Lots	

Search

Lot code Trader Agent

Merge

Select	Lot Code	Seller Name	Agent	Company Name	Commodity	Bag Type	No. of Bags	Qty(kg)	Lot Status	Split
<input checked="" type="checkbox"/>	339-20171126-3	ROSHAN	Click here to assign Agent	Click here to assign Company	PADDY	50 KG BAG	10	500	Pending	
<input checked="" type="checkbox"/>	339-20171126-2	ROSHAN	Click here to assign Agent	Click here to assign Company	PADDY	50 KG BAG	10	500	Pending	

Reset Close

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:

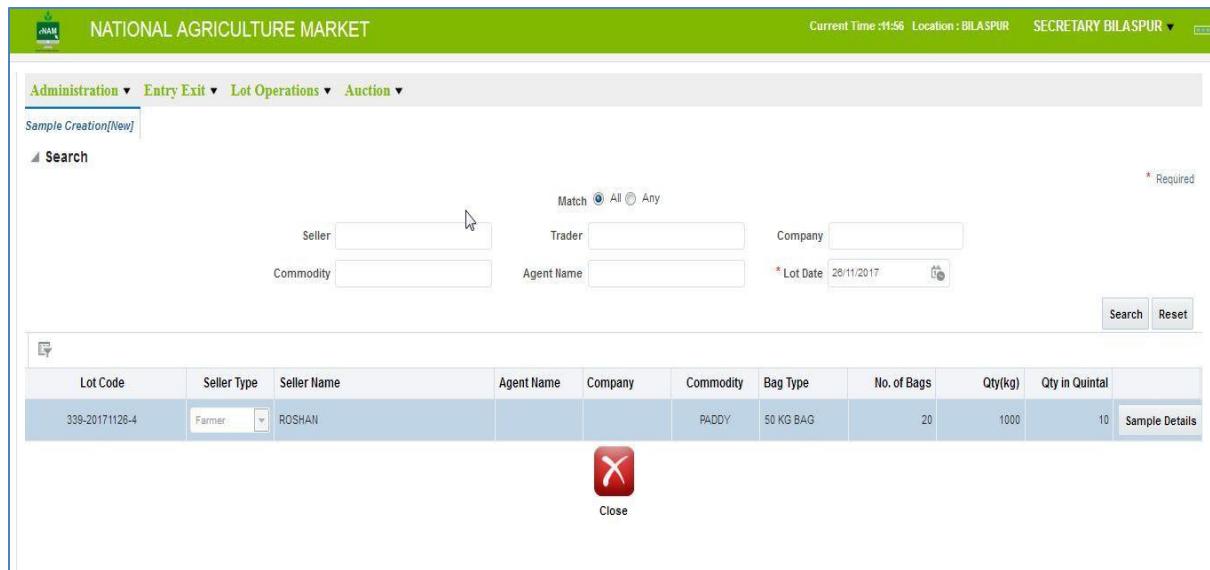
Module	Lot Operators
Screen	Sampling
Users	Lab Technician
Purpose	Sampling the Commodity lot wise
Updates	NO

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.

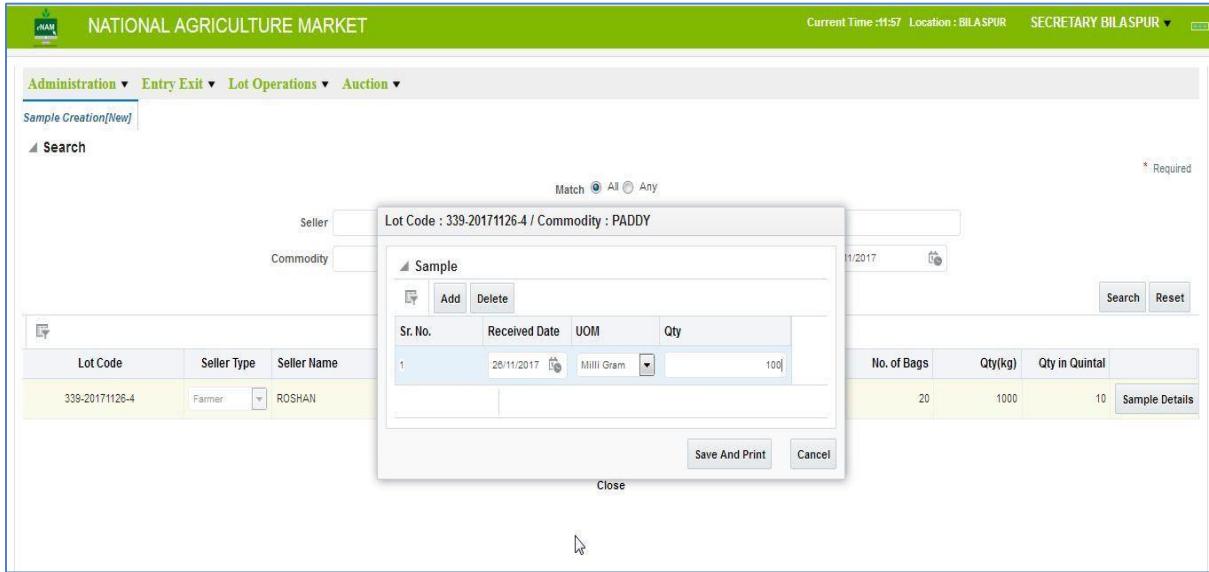
There is specialized equipment for collection of Samples.

Screen 1:



The screenshot shows the 'Sample Creation[New]' page of the eNAM system. At the top, there are navigation links: Administration ▾, Entry Exit ▾, Lot Operations ▾, Auction ▾, and a search bar. The main area has a search form with fields for Seller, Trader, Company, Commodity, Agent Name, and Lot Date (set to 28/11/2017). Below the search form is a table displaying sampled lots. The table columns are: Lot Code, Seller Type, Seller Name, Agent Name, Company, Commodity, Bag Type, No. of Bags, Qty(kg), Qty in Quintal, and a 'Sample Details' button. One row is visible, showing details for a lot with Lot Code 339-20171128-4, Seller Type Farmer, Seller Name ROSHAN, Commodity PADDY, Bag Type 50 KG BAG, No. of Bags 20, Qty(kg) 1000, and Qty in Quintal 10. A red 'X' icon and a 'Close' button are at the bottom of the table row.

Screen 2:



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

Assaying:

Module	Lot Operators
Screen	Sampling
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:

NATIONAL AGRICULTURE MARKET

Location : GUJARAT NFCL ▾

Browse Favourite

Entry Exit

Lot Operations

- Transactions
 - Lot Management
 - Sample Creation
 - Assaying
 - Approval For Trade
 - Weighment

Reports

Auction/Sale

Assaying [New]

Assaying Transaction

Lot Code: 22-20160330-25

Sample Code:

Detach

Parameter Name	Maximum value	Minimum value	Measured Values
MOISTURE	14	0	13
FOREIGN MATTER	1	0	1
OTHER EDIBLE	6	0	2
WEEVILLED GRAINS	10	0	8
UNIFORMITY	10	0	MORE UNIFORM
DAMAGED GRAINS	5	0	3
LUSTER	10	0	MORE UNIFORM

New Modify Delete Save Print Reset Close

[Activity Log](#) [About](#) [Privacy](#) [en](#) Thu Mar 31 15:54:38 IST 2016 [Show desktop](#)

NATIONAL AGRICULTURE MARKET

Location : GUJARAT NFCL ▾

Browse Favourite

Entry Exit

Lot Operations

- Transactions
 - Lot Management
 - Sample Creation
 - Assaying
 - Approval For Trade
 - Weighment

Reports

Auction/Sale

Assaying [New]

Assaying Transaction

* Lot Code:

Sample Code:

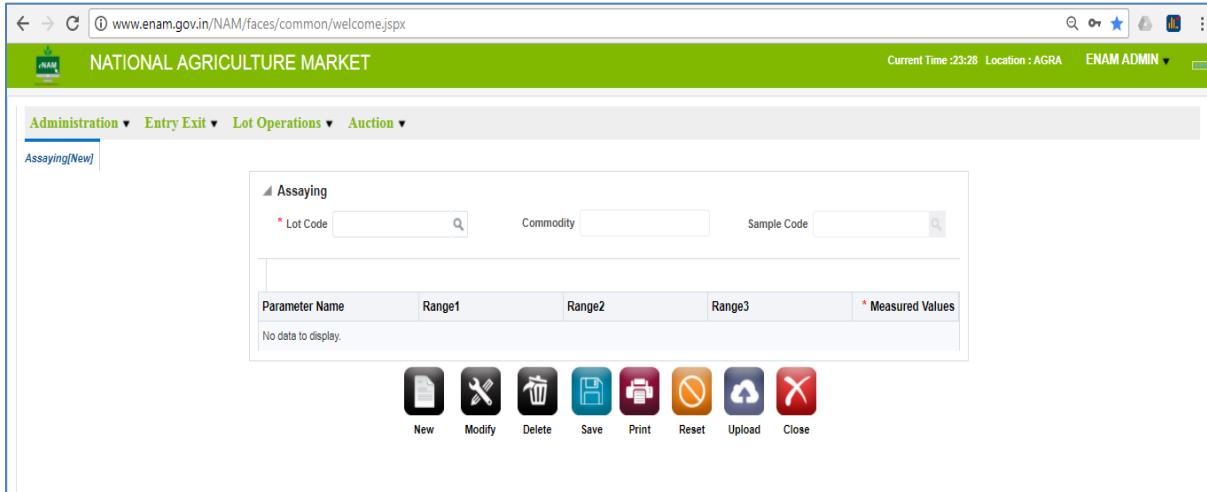
Detach

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

New Modify Delete Save Print Reset Close

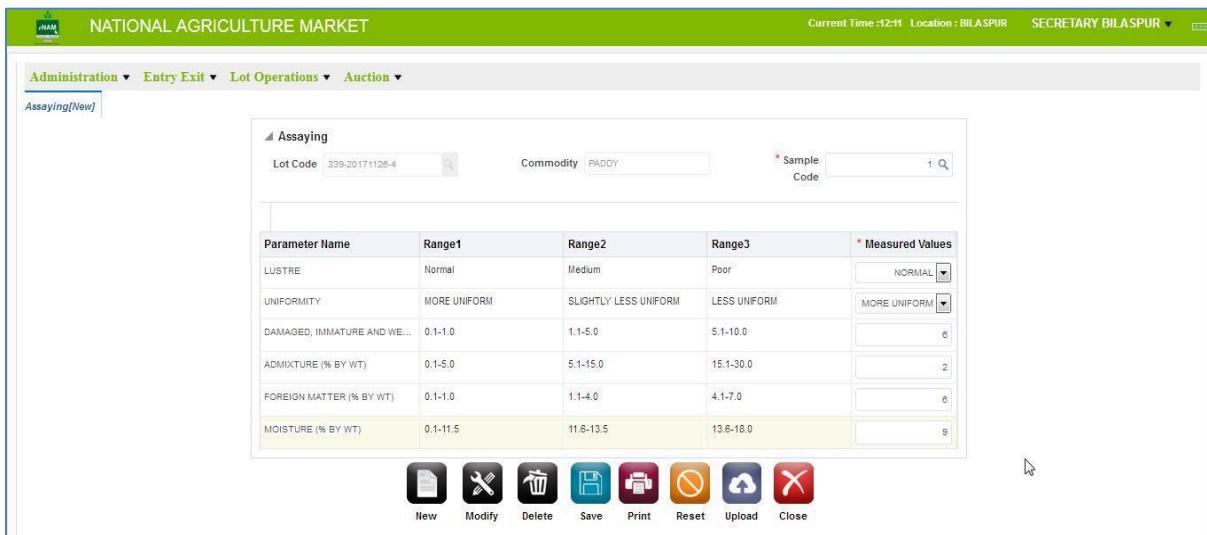
[Activity Log](#) [About](#) [Privacy](#) [en](#) Thu Mar 31 15:54:38 IST 2016

Current Version: 1 (Selecting the Lot)



The screenshot shows the 'Assaying' module of the eNAM system. At the top, there are search fields for 'Lot Code', 'Commodity', and 'Sample Code'. Below these are three columns labeled 'Range1', 'Range2', and 'Range3'. A table below the columns displays the message 'No data to display.' At the bottom are standard application icons for New, Modify, Delete, Save, Print, Reset, Upload, and Close.

Current Version: 2 (Results Entry)



The screenshot shows the 'Assaying' module of the eNAM system in version 2. It includes fields for 'Lot Code', 'Commodity', and 'Sample Code'. The main area contains a table with rows for different parameters like LUSTRE, UNIFORMITY, and MOISTURE, each with defined ranges and measured values. The measured values are shown in dropdown menus. The table has a green header row. At the bottom are standard application icons for New, Modify, Delete, Save, Print, Reset, Upload, and Close.

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

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:

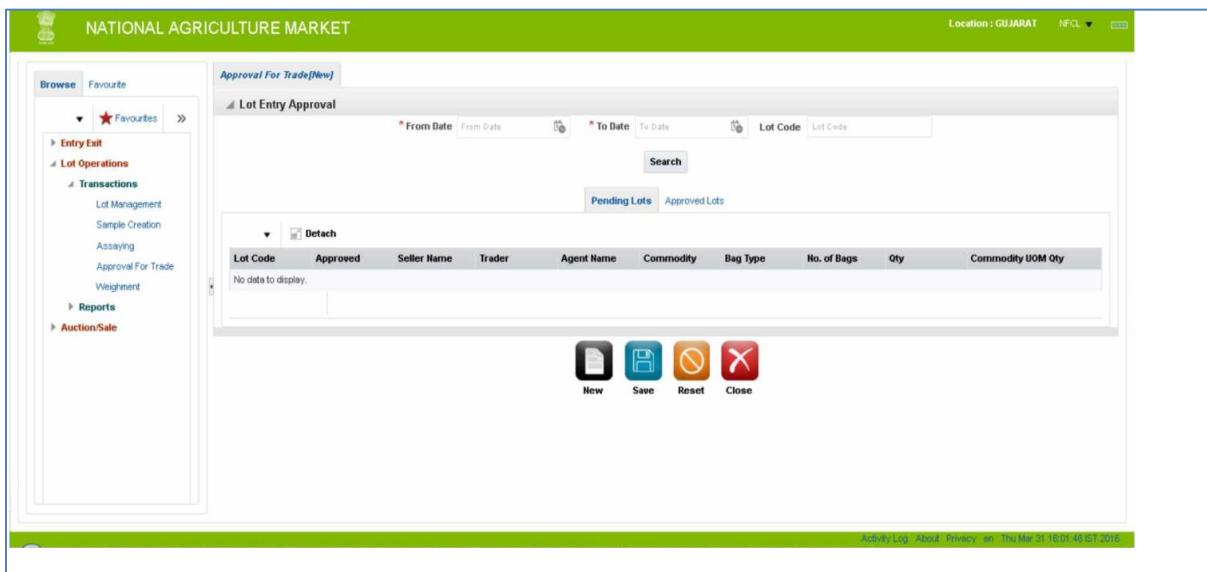
Module	Lot Operators
Screen	Approval for Trade
Users	DEO / Mandi Analyst / Secretary / Supervisor
Purpose	Giving Approval for trade online
Updates	YES

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.

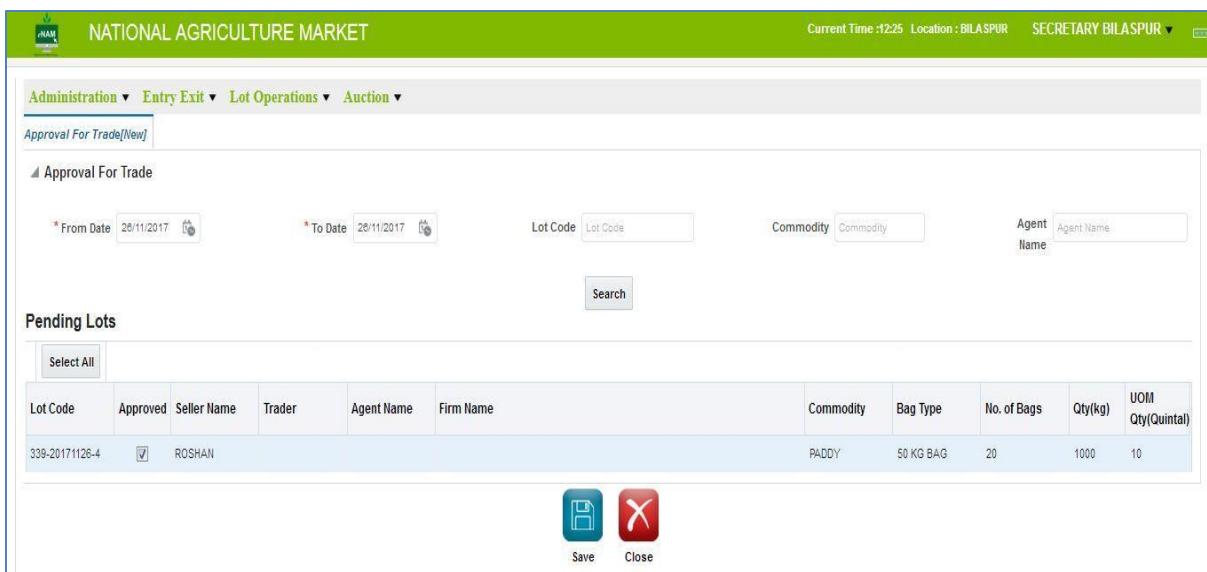
Approval for trade can also be done before Assaying also.

Earlier Version:



The screenshot shows the 'Lot Entry Approval' screen of the eNAM system. The left sidebar has a tree menu with 'Entry Exit', 'Lot Operations' (selected), 'Transactions' (with 'Assaying' and 'Approval For Trade' under it), 'Reports', and 'Auction/Sale'. The main area has a search bar with 'From Date' and 'To Date' fields, a 'Search' button, and tabs for 'Pending Lots' and 'Approved Lots'. Below is a table with columns: Lot Code, Approved, Seller Name, Trader, Agent Name, Commodity, Bag Type, No. of Bags, Qty, and Commodity UOM Qty. A message says 'No data to display.' At the bottom are 'New', 'Save', 'Reset', and 'Close' buttons.

Current Version:



The screenshot shows the 'Approval For Trade' screen of the eNAM system. The left sidebar has a tree menu with 'Administration', 'Entry Exit', 'Lot Operations' (selected), and 'Auction'. The main area has a search bar with 'From Date' (28/11/2017), 'To Date' (28/11/2017), 'Lot Code' input, 'Commodity' dropdown, and 'Agent Name' dropdown. Below is a table titled 'Pending Lots' with columns: Lot Code, Approved, Seller Name, Trader, Agent Name, Firm Name, Commodity, Bag Type, No. of Bags, Qty(kg), and UOM Qty(Quintal). One row is shown: 339-20171126-4, Approved, ROSHAN, PADDY, 50 KG BAG, 20, 1000, 10. At the bottom are 'Save' and 'Close' buttons.

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.

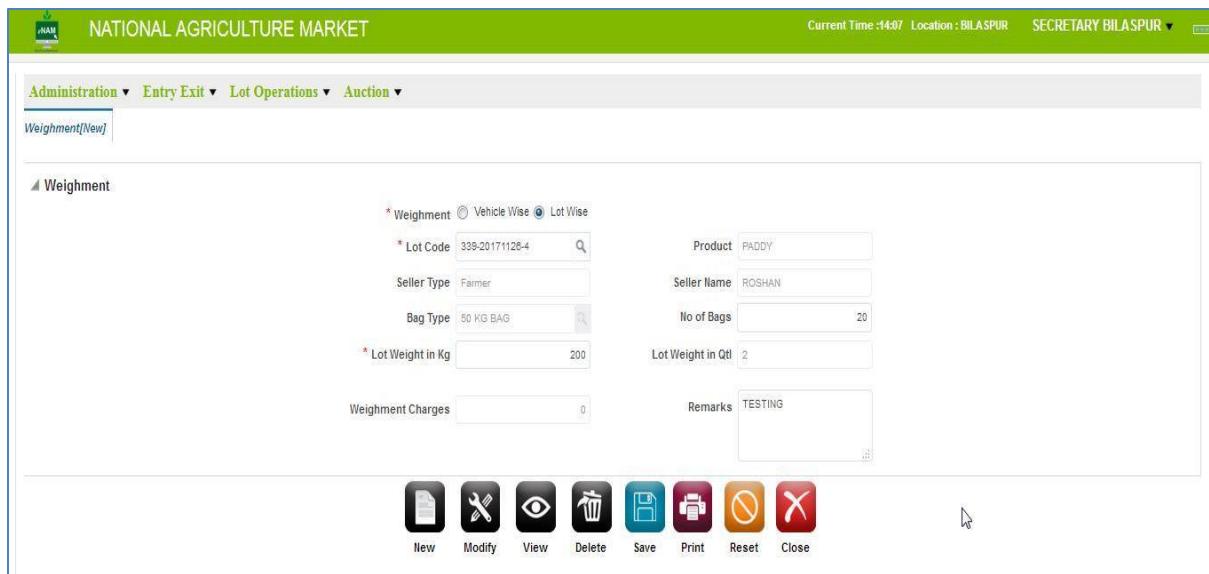
Earlier Version:



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:

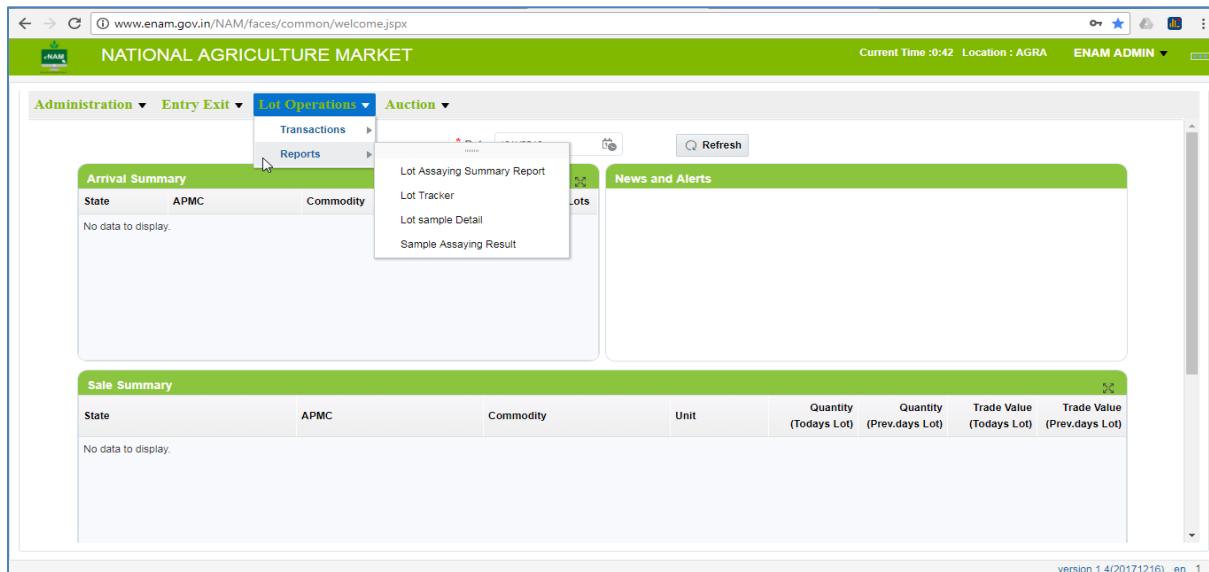


There is no difference in older and Current version except Integration which is explained in below pages.

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:



4. Auction

Auction plays the key role in the work flow. This category contains Master:

1. Sale Agreement for Master Update.

Transactions:

2. Bid Creation
3. Bid Rejection
4. Bid Declaration
5. Sale Agreement
6. Sale Bill

Reports:

7. Auction Reports

Sale Agreement for Master Update:

Module	Auction
Screen	Sale Agreement for Master Update
Users	Mandi Analyst / DEO
Purpose	To verify the SA Components (trader and farmer details) related to payment
Updates	YES

This screen is recent updation. The main use of this screen is to update the Trader / Farmer / CA related bank details. Also need to verify the details of fee components related to invoice.

Screen:

The screenshot shows the 'Sale Agreement For Master Update(Modify)' screen in the eNAM system. The top navigation bar includes links for Administration, Entry Exit, Lot Operations, and Auction. The main form is divided into two sections: 'Agreement Detail' and 'Fee Component Details'.

Agreement Detail:

- Lot Code: 316-20180111-1195
- Invoice No.: NAM3161801025836
- Commodity: COTTON
- Seller Name: URUKUNDU
- Seller Mobile No., Seller Email Id, Seller IFSC Code, Seller Bank Name, Seller Bank Acc No., and Seller Bank Acc Code are also present.
- Trader Name: POTHULA SUVARNA
- Company Name: SREE SREE RAMA INDUSTRIES
- Trader Mobile No.: 9999999999
- Trader Email Id, Trader Bank Name, Trader Bank Acc No., and Trader IFSC Code are also present.

Fee Component Details:

Sr. No.	Party Type	Component	Party Name	Company Name	Mobile No.	Email Id	* Bank Name	* Bank Acc No.	* IFSC Code
1	APMC	APMC FEE OTHER					state bank of india	844812002	SBIN0000801
2	APMC	HAMALI IMPOSE					state bank of india	844812002	SBIN0000801
3	APMC	WEIGHMEN IMPO					state bank of india	844812002	SBIN0000801

Features:

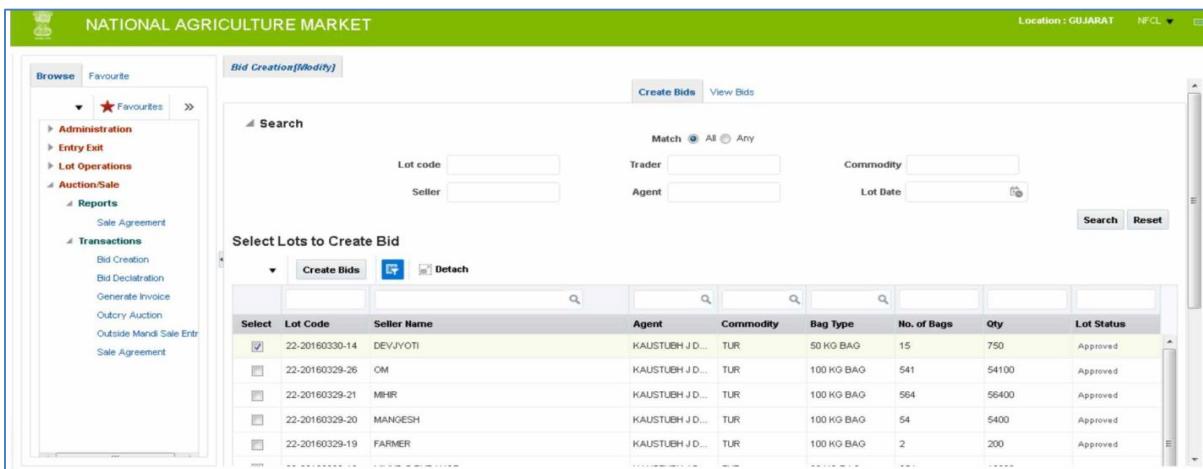
- Can get Invoice related components details which routes through payment.
- Can modify the Farmer / Trader Bank details went wrong earlier.
- Can verify the Fee components involved in the Invoice.

Bid Creation:

Module	Auction
Screen	Bid Creation
Users	Bid Manager
Purpose	To Create bids for Trading
Updates	YES

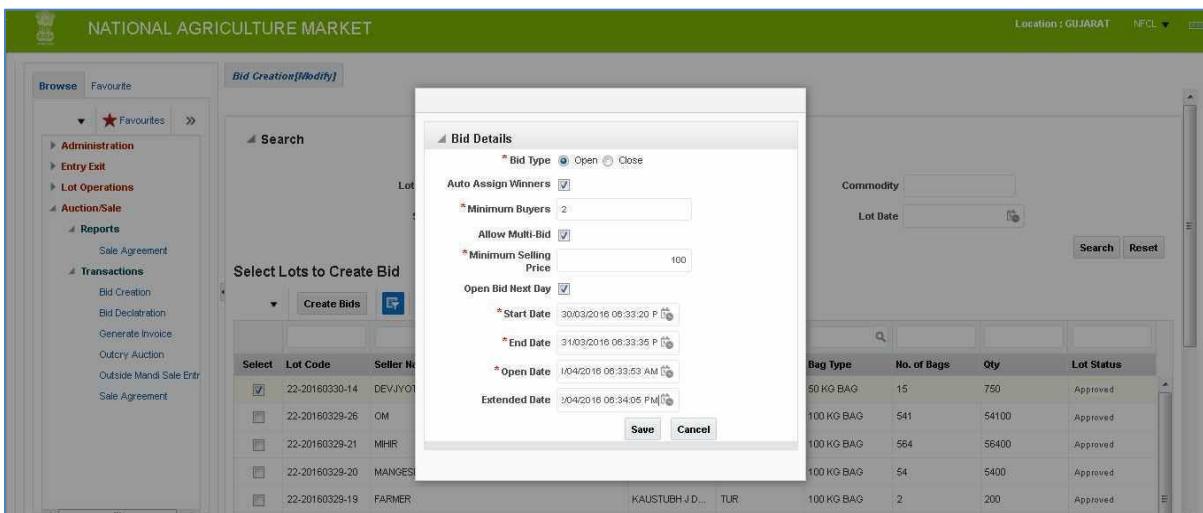
This is considered as the core step of the work flow. Once lots are approved for trade then all approved lots will be visible in Bid creation screen. Unless lots are approved they would not be available in this screen.

Earlier Versions:



The screenshot shows the 'Bid Creation [Modify]' screen of the National Agriculture Market. On the left, there's a navigation sidebar with links like 'Administration', 'Entry Exit', 'Lot Operations', 'Auction/Sale', 'Reports', 'Transactions' (which includes 'Bid Creation'), and 'Sale Agreement'. The main area has a search bar at the top with fields for 'Lot code', 'Seller', 'Trader', 'Agent', 'Commodity', and 'Lot Date'. Below the search is a table titled 'Select Lots to Create Bid' with columns: Select, Lot Code, Seller Name, Agent, Commodity, Bag Type, No. of Bags, Qty, and Lot Status. There are five rows listed, all marked as 'Approved'. A 'Create Bids' button is located above the table.

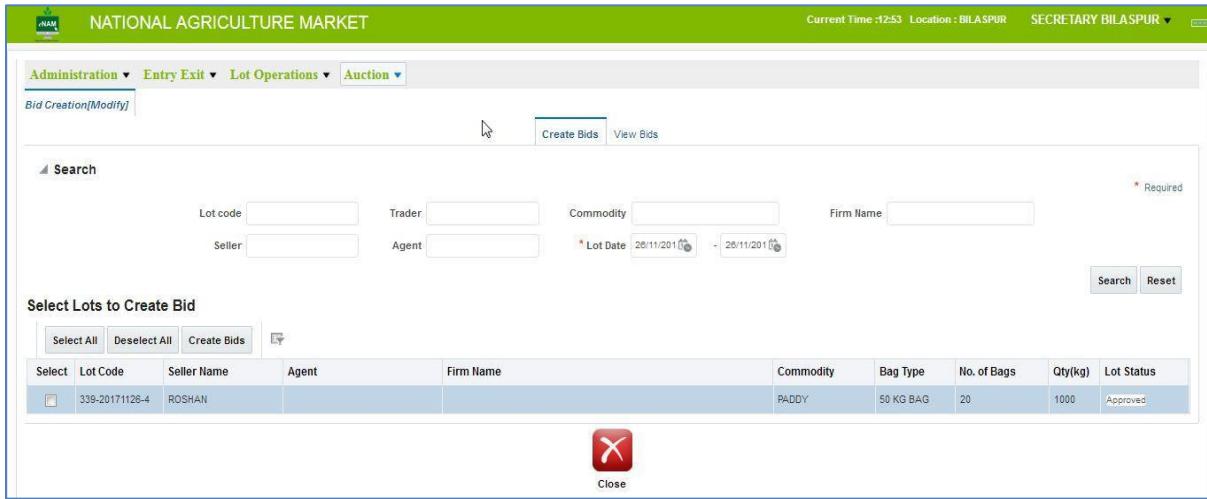
(Selection of Lots for creating Bid)



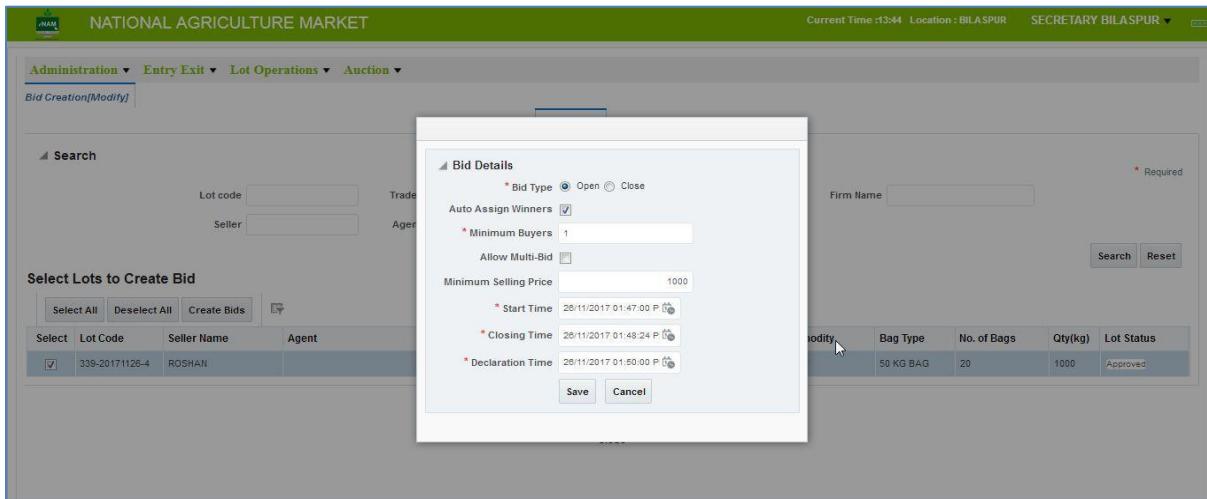
This screenshot shows the same 'Bid Creation [Modify]' screen as above, but with a 'Bid Details' dialog box overlaid. The dialog contains fields for 'Bid Type' (radio buttons for 'Open', 'Close', and 'Auto Assign Winners'), 'Minimum Buyers' (set to 2), 'Allow Multi-Bid' (checkbox checked), 'Minimum Selling Price' (set to 100), 'Open Bid Next Day' (checkbox checked), 'Start Date' (set to 30/03/2016 09:33:20 PM), 'End Date' (set to 31/03/2016 06:33:53 AM), and 'Extended Date' (set to 01/04/2016 06:34:05 PM). At the bottom of the dialog are 'Save' and 'Cancel' buttons. The background table and sidebar are visible but dimmed.

(Bid Timing Declaration)

Current Version: Bid Selection



Bid Timing Declaration:



Current Enhancements:

- From and to date selection for Lots is available.
- Lots can be filtered based on Firm Name also.
- Open Bid Next day option is removed.
- 24 Hrs format for bid creation is removed.
- Extended Date option is removed.
- Provision to enter MSP Value.

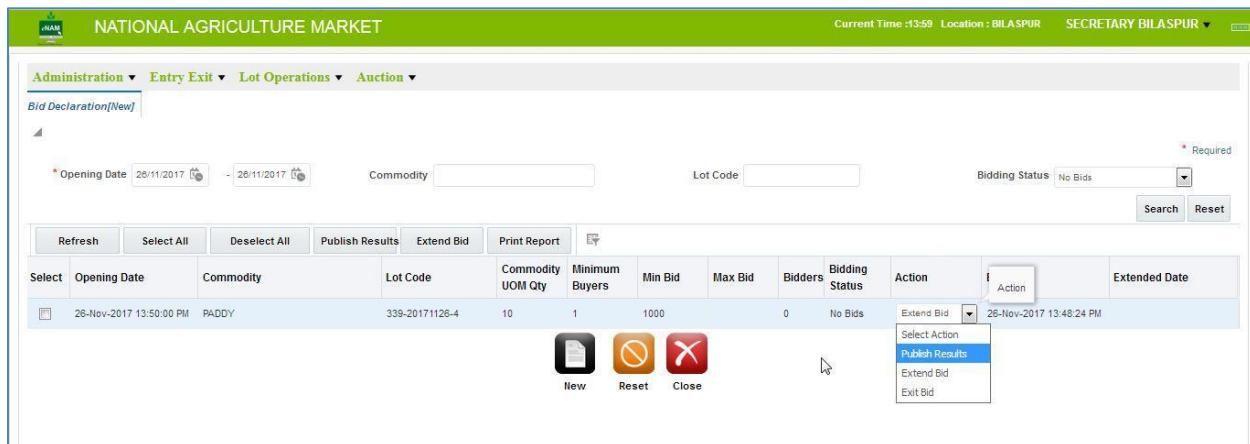
Bid Declaration:

Bid declaration is the process occurs only after trader completes Bidding process.

Module	Auction
Screen	Bid Declaration
Users	Bid Manager
Purpose	To declare the bids after Trading
Updates	YES

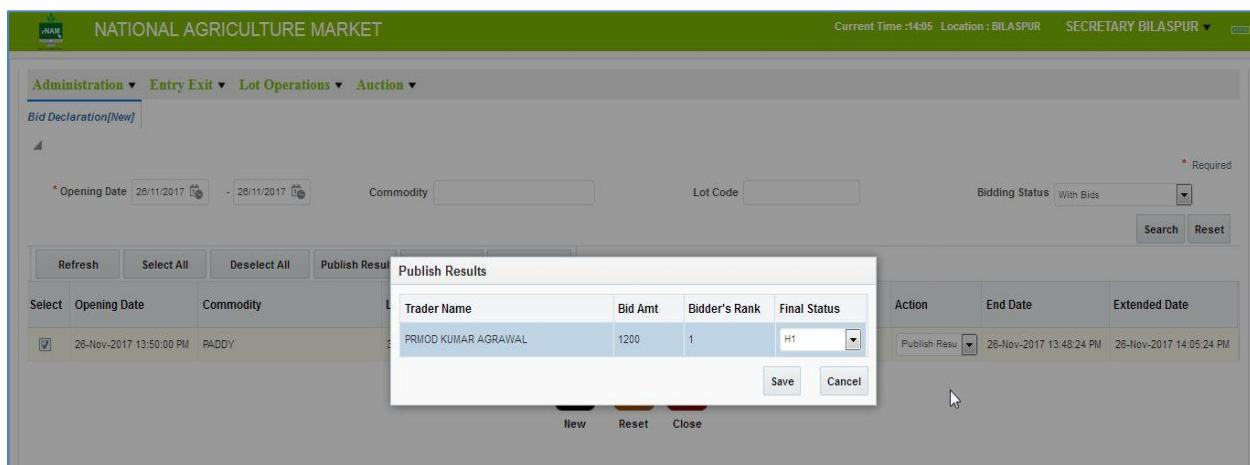
Based on the traders bid end timing, declaration will be happened. We can select all the lots and declare the bid.

Current Versions:



The screenshot shows the 'Bid Declaration[New]' screen. At the top, there are fields for 'Opening Date' (26/11/2017), 'Commodity' (PADDY), 'Lot Code' (339-20171126-4), and 'Bidding Status' (No Bids). Below these are buttons for 'Refresh', 'Select All', 'Deselect All', 'Publish Results', 'Extend Bid', 'Print Report', and a search bar. A table lists the bid details: Date (26-Nov-2017 13:50:00 PM), Commodity (PADDY), Lot Code (339-20171126-4), UOM Qty (10), Minimum Buyers (1), Min Bid (1000), Max Bid (0), Bidders (No Bids), and Action (Extend Bid). A context menu is open over the first row, with 'Publish Results' highlighted. Other options in the menu include 'Select Action', 'Extend Bid', and 'Exit Bid'. The status bar at the bottom right shows '26-Nov-2017 13:48:24 PM'.

Screen: 2



The screenshot shows the 'Publish Results' dialog box. It contains a table with columns: 'Trader Name' (PRMOOD KUMAR AGRAWAL), 'Bid Amt' (1200), 'Bidder's Rank' (1), and 'Final Status' (H1). Below the table are 'Save' and 'Cancel' buttons. In the background, the main eNAM interface is visible, showing the 'Bid Declaration[New]' screen with the same data as the previous screenshot. The status bar at the bottom right shows '26-Nov-2017 13:48:24 PM'.

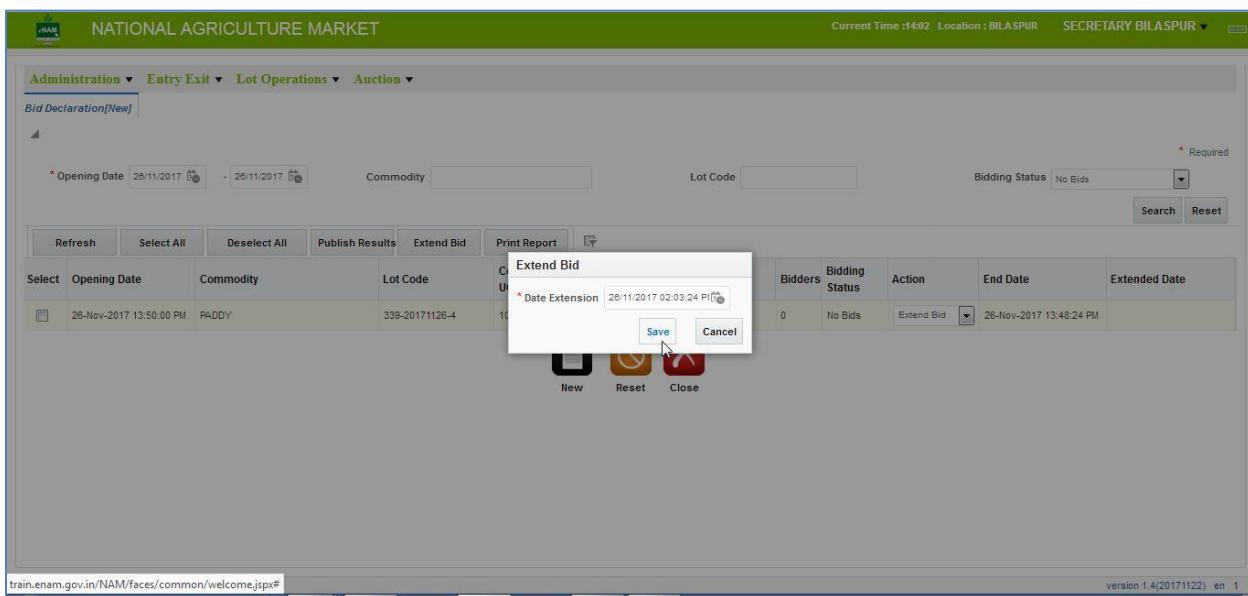
Bid manager can have this module provision. He can select all the lots and click on publish result. Here have 3 other individual options like

- Publish Results
- Extend Bid
- Exit Bid

Publish Results can also be done by selecting each lot from row level also. Similarly we can extend the bid if all the traders are not participated in the auction or even in the case of time elapsed.

This process is also called as Winner Announcement.

Screen: Bid Extension



The screenshot shows the eNAM Bid Extension interface. At the top, there's a navigation bar with links for Administration, Entry Exit, Lot Operations, and Auction. Below this, a search bar includes fields for Opening Date (26/11/2017), Commodity (PADDY), Lot Code (339-20171126-4), and Bidding Status (No Bids). A 'Bid Declaration [New]' button is visible. In the center, a table lists a single row: 'Opening Date' (26-Nov-2017 13:50:00 PM), 'Commodity' (PADDY), 'Lot Code' (339-20171126-4), 'Bidders' (0), 'Bidding Status' (No Bids), 'Action' (Extend Bid), 'End Date' (26-Nov-2017 13:48:24 PM), and 'Extended Date'. A modal dialog box titled 'Extend Bid' is open over the table, containing a single field 'Date Extension' with the value '26/11/2017 02:03:24 PM'. At the bottom of the dialog are 'Save' and 'Cancel' buttons, with 'Save' being highlighted. Below the dialog are three small icons: New, Reset, and Close.

Bid Extension is possible only when earlier given bid time is elapsed. Till that time lots will be in Trader portal.

Exit Bid

If farmer is not satisfied with the price of the commodity, with his willingness we can exit the bid. Also if trader feels that commodity quality is missing then also bids can be Exit. These kinds of exit bids are considered as Goods Return.

NATIONAL AGRICULTURE MARKET Current Time :13:59 Location :BILASPUR SECRETARY BILASPUR ▾

Administration ▾ Entry Exit ▾ Lot Operations ▾ Auction ▾

Bid Declaration[New]

* Opening Date 28/11/2017 - 28/11/2017 Commodity Lot Code Bidding Status * Required

Refresh Select All Deselect All Publish Results Extend Bid Print Report

Select	Opening Date	Commodity	Lot Code	Commodity UOM Qty	Minimum Buyers	Min Bid	Max Bid	Bidders	Bidding Status	Action	Action	Extended Date
<input type="checkbox"/>	26-Nov-2017 13:50:00	PADDY	339-20171126-4	10	1	1000		0	No Bids	<input type="button" value="Extend Bid"/>	<input type="button" value="Select Action"/>	26-Nov-2017 13:48:24 PM

New Close

If lot is Exit, it implies that lot does not come in to the loop again.

Bid Rejection:

Module	Auction
Screen	Bid Rejection
Users	Bid Manager
Purpose	To reject the bids after Trading
Updates	YES

Bid Rejection is the process where we will reject the bid due to some unsatisfied and technical reasons of both the parties.

If Bid is rejected again it will fall in to Approve for trade screen. If required, we can approve it again and make it to follow in the series.

Screen:

NATIONAL AGRICULTURE MARKET Current Time :14:06 Location :BILASPUR SECRETARY BILASPUR ▾

Administration ▾ Entry Exit ▾ Lot Operations ▾ Auction ▾

Bid Rejection[New]

Match All Any

* Bid Declaration Date 26/11/2017 Lot Code Commodity * Required

View ▾ Select All Deselect All Reject Bid Detach

Select	Bid Declaration Date	Commodity	Lot Code	Commodity UOM Qty	Bid Rate
<input checked="" type="checkbox"/>	26-Nov-2017 14:06:40 PM	PADDY	339-20171126-4	10	1200

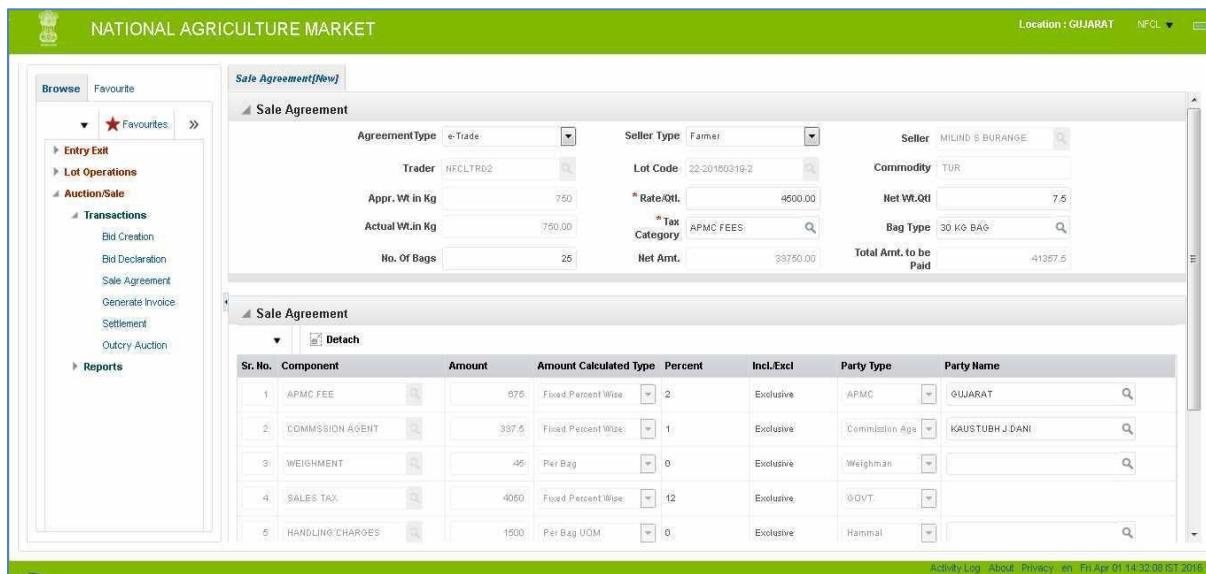
We can select lot based on date and commodity filter and can click on reject bid.

Sale Agreement:

Module	Auction
Screen	Sale Agreement
Users	Bid Manager / DEO / Mandi Analyst
Purpose	To generate Sale Agreement as per the bid rate
Updates	YES

After bid is declared and winner is announced, need to generate Sale Agreement.

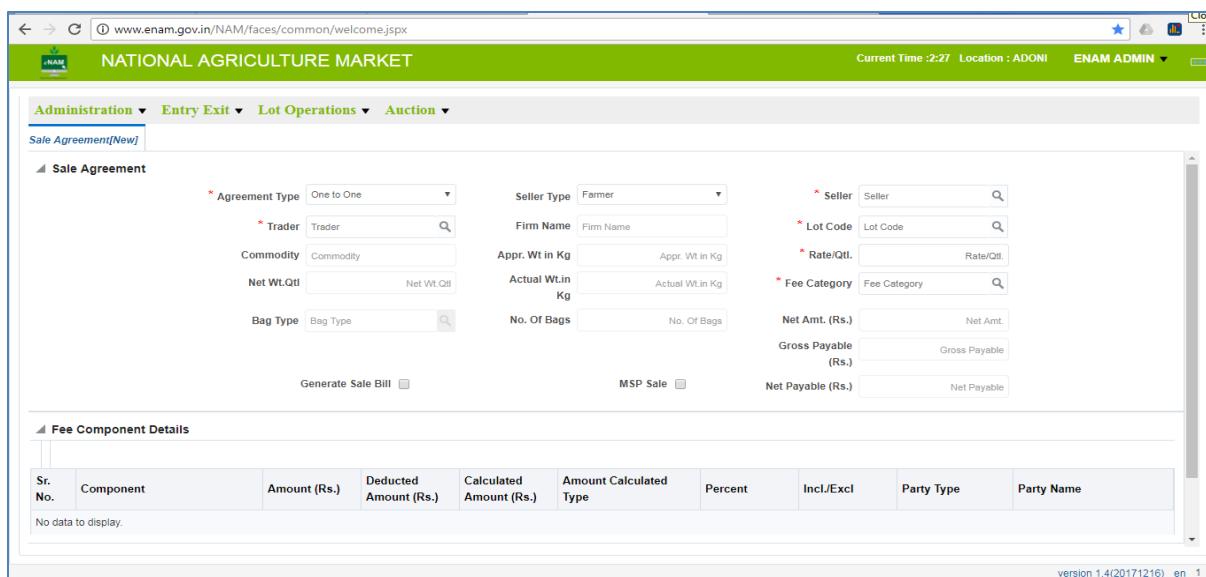
Earlier



The screenshot shows the 'Sale Agreement[New]' screen. The top navigation bar includes 'Location : GUJARAT' and 'NFCL'. On the left, there's a sidebar with 'Browse', 'Favourite', 'Entry Exit', 'Lot Operations', 'Auction/Sale', 'Transactions' (which includes 'Bid Creation', 'Bid Declaration', 'Sale Agreement', 'Generate Invoice', 'Settlement', 'Outcry Auction'), and 'Reports'. The main panel displays the 'Sale Agreement' details and a table of fee components.

Sr. No.	Component	Amount	Amount Calculated Type	Percent	Incl./Excl	Party Type	Party Name
1	APMC FEE	675	Fixed Percent Wise	2	Exclusive	APMC	GUJARAT
2	COMMISSION AGENT	387.5	Fixed Percent Wise	1	Exclusive	Commission Agt	KAUSTUBH J DANI
3	WEIGHMENT	45	Per Bag	0	Exclusive	Weighman	
4	SALES TAX	4050	Fixed Percent Wise	12	Exclusive	GOVT.	
5	HANDLING CHARGES	1500	Per Bag UOM	0	Exclusive	Hammal	

Current Version:



The screenshot shows the 'Sale Agreement[New]' screen. The top navigation bar includes 'www.enam.gov.in/NAM/faces/common/welcome.jspx', 'Current Time :2:27 Location : ADONI ENAM ADMIN', and a 'Close' button. The left sidebar has 'Administration', 'Entry Exit', 'Lot Operations', and 'Auction'. The main panel shows the 'Sale Agreement' form with various input fields and a table for fee components.

Sr. No.	Component	Amount (Rs.)	Deducted Amount (Rs.)	Calculated Amount (Rs.)	Amount Calculated Type	Percent	Incl./Excl	Party Type	Party Name
No data to display.									

For generation Sale Agreement there are few important things to be noticed.

- Farmer / Trader / CA details verification.
- Selection of Agreement Type. (One to One / eTrade)
- Selection of Fee Category as per the traded commodity
- Selection of Bag type and Weighment

Current Enhancements:

- If the agreement type is One to One, there is a provision to mark MSP Sale.
- We can directly generate SB by checking the Check Box in this screen.
- Sale Agreement generation frequency has been reduced to 5 days.
5-day gap commences from Bid winner date

Sale Agreement report can be taken print and given to Farmer / Trader.

Sample Sale Agreement: Sale Bill

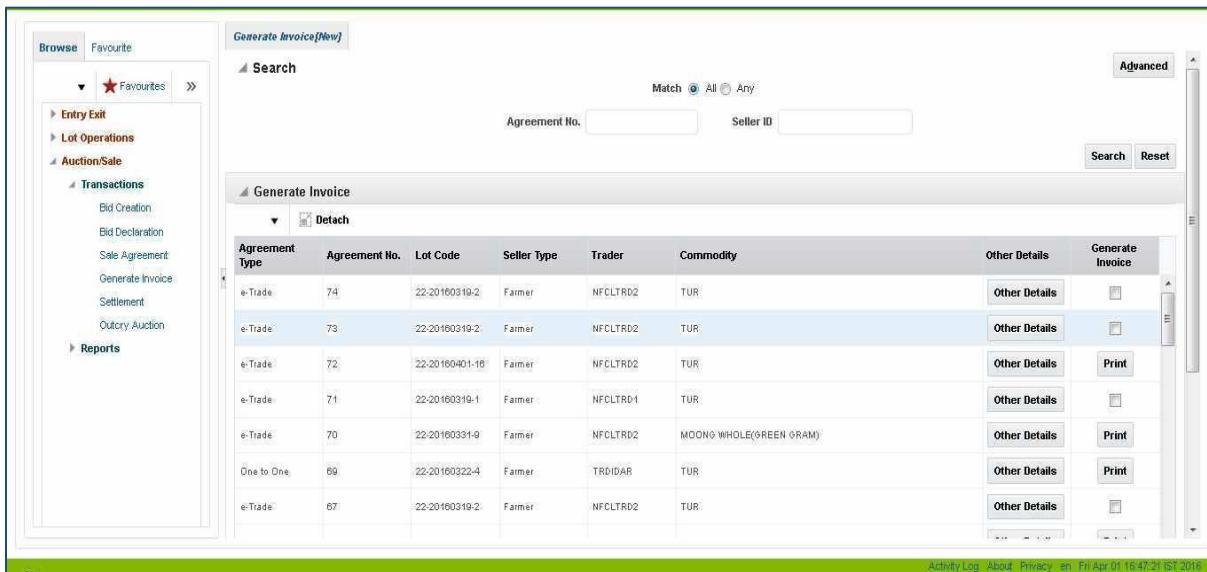
 NATIONAL AGRICULTURE MARKET KODERMA 						
SALE AGREEMENT						
Agreement No	201703353116000004		Agreement Date	20/03/2017 13.06.45		
Trade Type	eTrade		Trader Name	Vinay Prasad - Jaysaibaba Fruit Company		
Commission Agent			Trader License No	411		
			Seller Name	Suresh Mahto		
Commission Agent License No			Seller Address	Koderma		
Commodity	LOT Code	Bag Type	No of Bags	Rate	Weight in Quintal	Total Amount
Cabbage	353-20170320-3	50 KG BAG	5	540.00	2.4000	1296.00
Commodity Price 1296.00			Commodity Price 1296.00			
Component & Per (%)		Amt After Deduction	Component & Per (%)	Base Amt	TDS %	Amt After Deduction
APMC FEE OTHERS		(+)	0.00	0.00	0.00	0.00
Component Total (Inclusive) 0.00			Component Total (Exclusive) 0.00 0.00			
Net Amount Payable to Seller : 1296.00				Total Amount Payable by Trader: 1296.00		
<hr/> Seller Signature			<hr/> CA Signature		<hr/> Trader Signature	

Sale Bill:

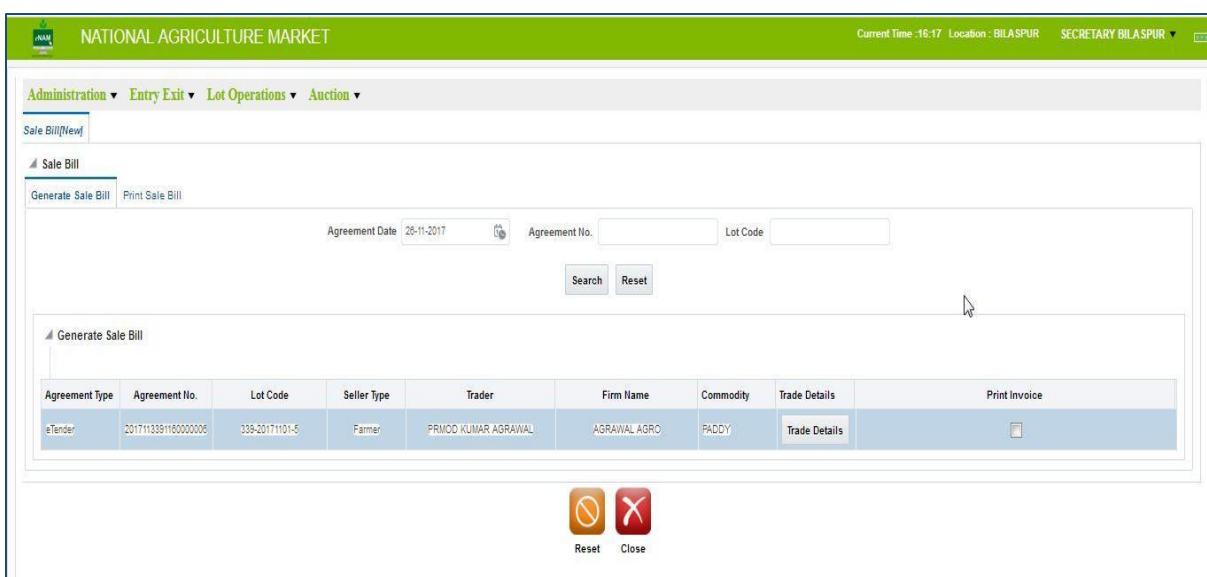
Module	Auction
Screen	Sale Bill
Users	Bid Manager / DEO / Mandi Analyst
Purpose	To generate Sale Bill as per the bid rate
Updates	YES

Sale bill is also called as Invoice. This can be generated by selecting specific data and by checking the Check box named as Print Invoice.

Earlier Versions:



Current Version:



Current Enhancements:

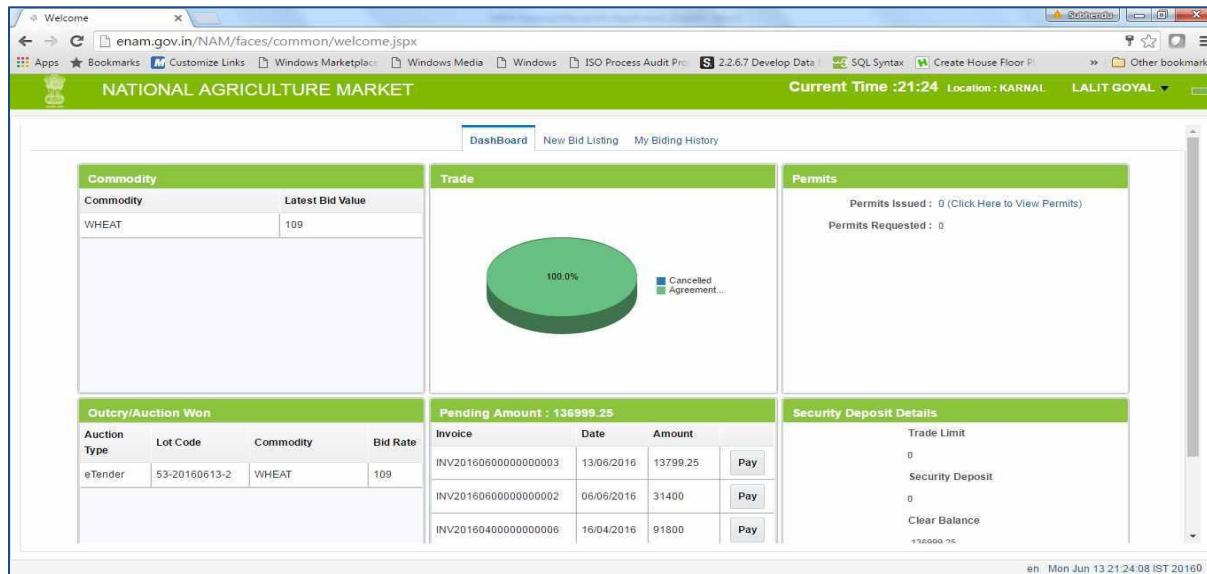
- Searching the lot based on Agreement Date & Lot Code.
- Print Sale Bill separate tab has been provided.
- Can see the trade details from the trade details button against each lot.

6. Trader Portal

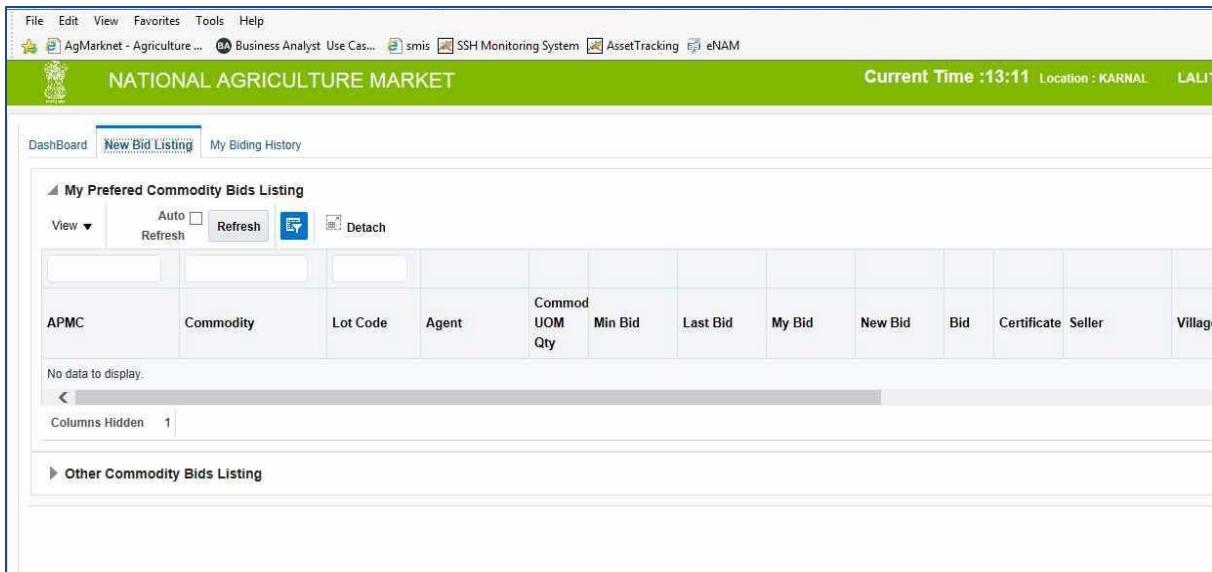
Module	Trader Portal
Screen	Trader Dashboard
Users	Trader
Purpose	To do the trade and check the reports
Updates	YES

Trader is considered as one of the important Stake Holder of the Project. Trader will be assigned with a dedicated User-id and Password which should be confidential.

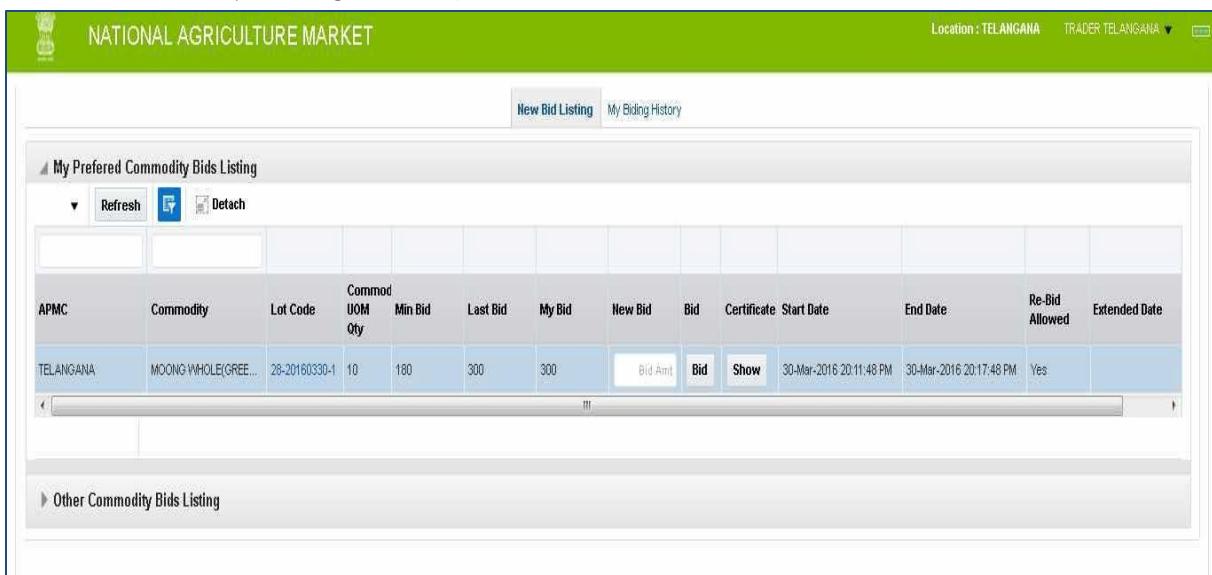
Earlier Version: Dashboard



Earlier Version: Bid Listing



Earlier Version: (Bidding Screen)



Current Version: Dash board

The screenshot shows the eNAM dashboard interface. At the top, there are tabs for DashBoard, Bid Listing, My Biding History, Bank Details, and Reports. A search bar includes fields for Date, Lot Code, and Invoice No., with a 'Search' button. Below the search bar is a message: "Please refresh to View Dashboard Related Data". The main content area is divided into several sections:

- Pending Invoices:** A table with columns for Invoice, Date, Lot Code, Seller Name, Agent Name, and Amount. It displays the message "No data to display."
- Commodity:** A section showing "Commodity" with the message "No data to display."
- Trade:** A section showing "No data to display."
- Permits:** A section showing "Permits Issued : 0 (Click Here to View Permits)" and "Permits Requested : 0".

At the bottom right, the text "version 1.4(20171122) en 1" is visible.

Current Version: Current Bid Listing

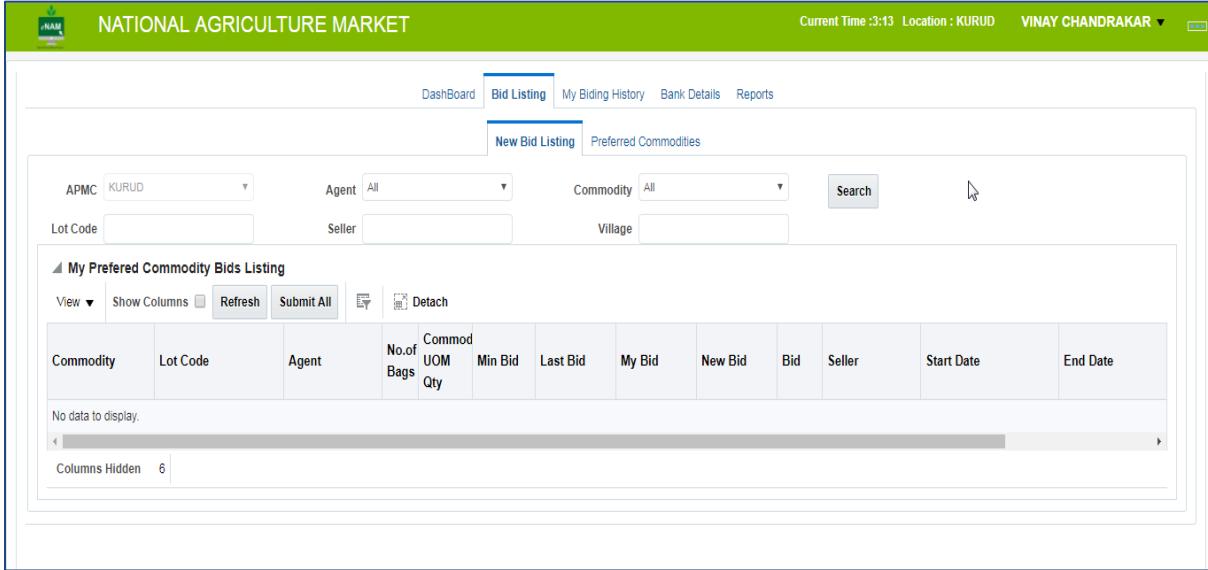
The screenshot shows the eNAM Bid Listing page. At the top, there are tabs for DashBoard, Bid Listing, My Biding History, Bank Details, and Reports. The Bid Listing tab is active, and below it are buttons for "New Bid Listing" and "Preferred Commodities". The main content area is titled "Preferred Commodities" and contains two sections:

- All Commodities:** A list of commodities including PADDY-BPT-5204, PADDY-IGK VR-1, PADDY-IGK VR-2, PADDY-1008, PADDY-IR-64, and PADDY-MTU1001.
- My Preferred Commodities:** A list of commodities including PADDY-MTU 1010 and SWARNA PADDY.

Between the two sections are navigation arrows: >, >>, <, and <<.

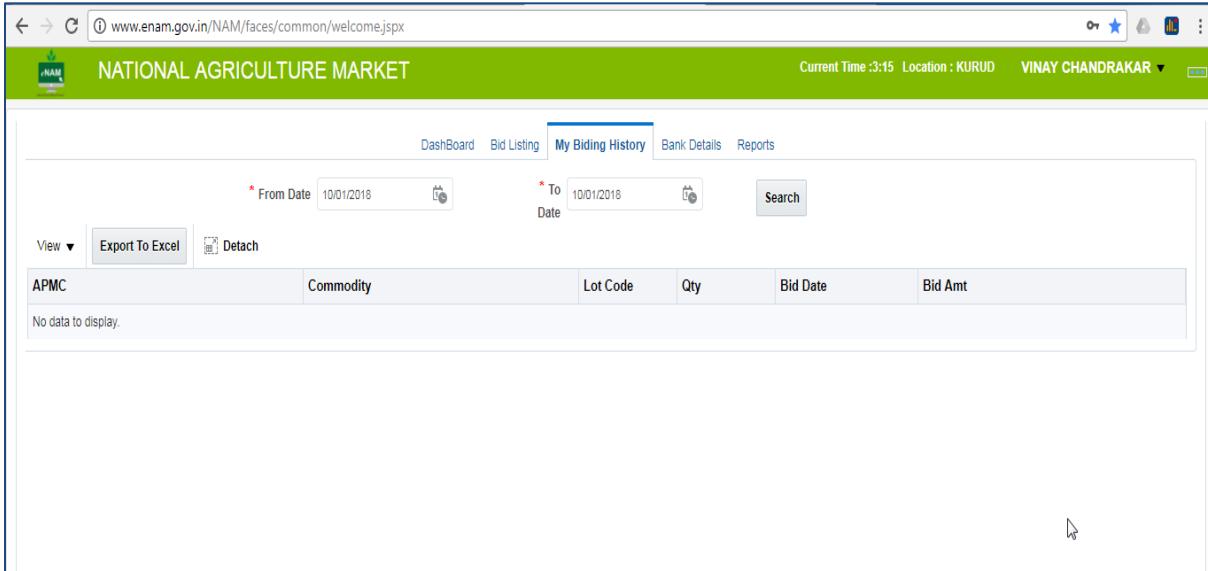
At the bottom right, the text "version 1.4(20171122) en 1" is visible.

Current Version: Bidding



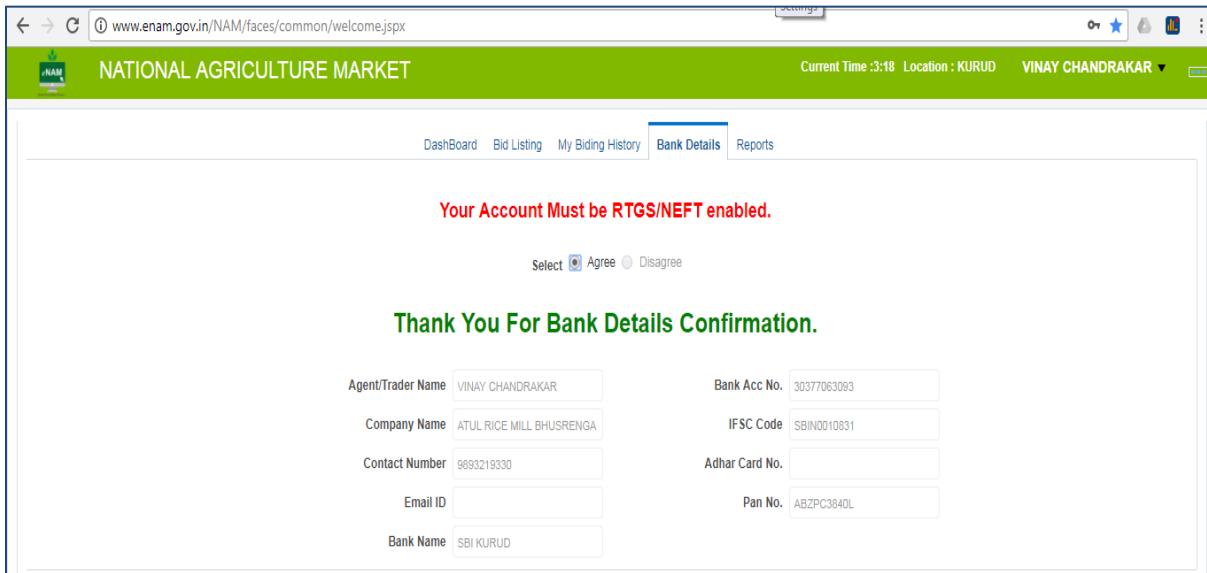
The screenshot shows the 'My Preferred Commodity Bids Listing' page. At the top, there are search filters for APMC (KURUD), Agent (All), Commodity (All), Lot Code, Seller, and Village. Below the filters is a table header with columns: Commodity, Lot Code, Agent, No.of Bags, Commod UOM Qty, Min Bid, Last Bid, My Bid, New Bid, Bid, Seller, Start Date, and End Date. A message 'No data to display.' is shown below the table. At the bottom left, it says 'Columns Hidden 6'.

Current Version: Bidding History

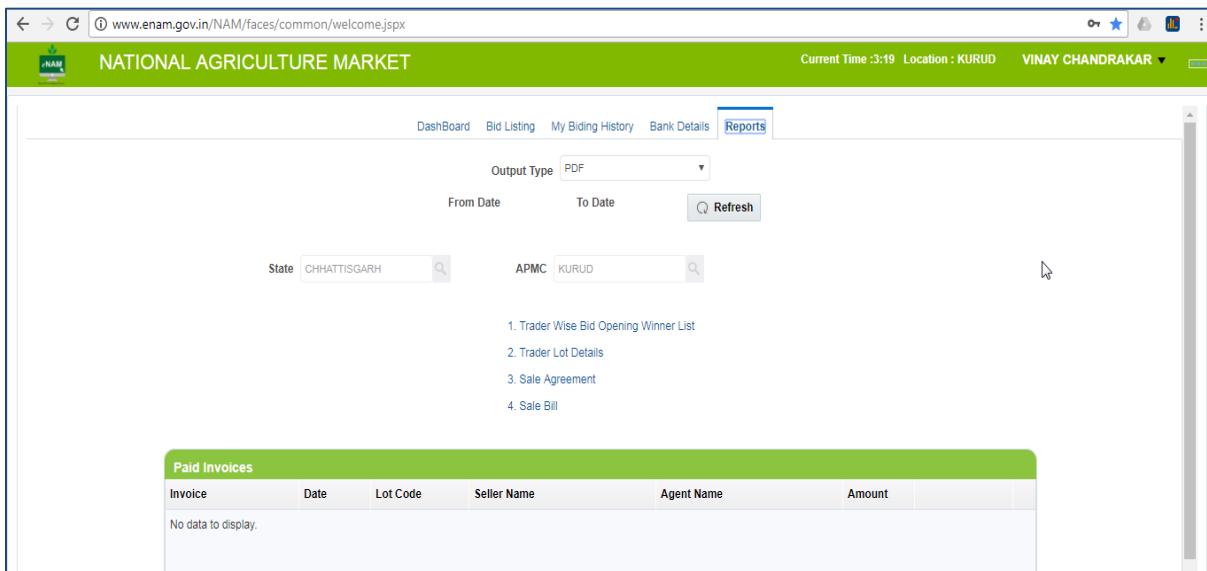


The screenshot shows the 'My Bidding History' page. At the top, there are date filters for 'From Date' (10/01/2018) and 'To Date' (10/01/2018), along with a 'Search' button. Below the filters is a table header with columns: APMC, Commodity, Lot Code, Qty, Bid Date, and Bid Amt. A message 'No data to display.' is shown below the table. At the bottom left, it says 'Export To Excel'.

Current Version: Bank Details



Current Version: Reports



Current Enhancements:

- In dashboard Date, Commodity & Lot Code search is available.
- In Bid Listing > Add to preferred commodities based on the need is provided.

- In Current Bid Listing Commodity name, Lot Code & Seller information is observed.
- Separated dashboard to check the Bidding History of the trader is available.
- In bidding screen cutoff time is seen.
- Bank details are available to check and confirm for the process of Online Payments.
- Basic reports are available for the trader for analysis.

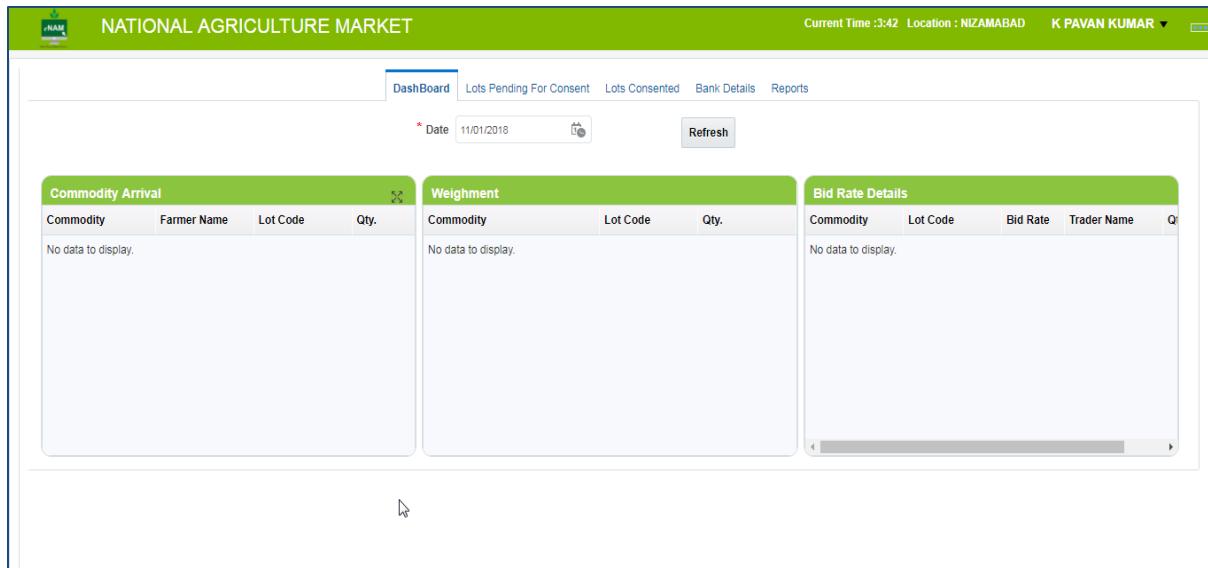
6. Commission Agent Portal:

Module	Commission Agent Portal
Screen	Trader Dashboard
Users	Trader
Purpose	To do the trade and check the reports
Updates	YES

Commission agent is also a key stake holder in this project. In few states CA plays both the roles as Trader & Commission Agents.

They also have dedicated User-ID and Password through which he can login the portal for his activities.

Screen: Dashboard



The screenshot shows the eNAM Dashboard interface for a Commission Agent. The top header displays the eNAM logo and the text "NATIONAL AGRICULTURE MARKET". The top right corner shows the current time (3:42), location (NIZAMABAD), user (K PAVAN KUMAR), and a dropdown menu. Below the header, there is a navigation bar with tabs: "DashBoard" (which is selected), "Lots Pending For Consent", "Lots Consented", "Bank Details", and "Reports". A search bar with a date filter ("Date: 11/01/2018") and a refresh button are also present. The main content area is divided into three panels: "Commodity Arrival", "Weightment", and "Bid Rate Details". Each panel has columns for Commodity, Farmer Name, Lot Code, Qty., and Bid Rate. All three panels display the message "No data to display." at the moment.

Screen: Lots Pending for Consent

The screenshot shows the 'Lots Pending for Consent' tab selected in the top navigation bar. The table displays the following data:

Lot Code	Commodity	Bag Type	No of Bags	Lot Weight in Kg	Lot Weight in Qty	Lot Rate	Consent Status
30-20170213-5	TURMERIC FING...	65 KG BAG	2	130	1.3	6200	
30-20170213-4	TURMERIC FING...	65 KG BAG	18	1170	11.7	7189	
30-20170213-3	TURMERIC BULB	70 KG BAG	10	700	7	5207	
30-20170213-2	TURMERIC FING...	65 KG BAG	1	65	0.65	6300	
30-20170213-1	TURMERIC FING...	65 KG BAG	20	1300	13	6520	
30-20170213-12	TURMERIC CHU...	65 KG BAG	1	65	0.65	5420	
30-20170213-11	TURMERIC BULB	70 KG BAG	7	490	4.9	5207	
30-20170213-10	TURMERIC FING...	65 KG BAG	12	780	7.8	6766	
30-20170213-9	TURMERIC FING...	65 KG BAG	9	585	5.85	6370	
30-20170213-8	TURMERIC BULB	70 KG BAG	11	770	7.7	5007	
30-20170213-7	TURMERIC BULB	70 KG BAG	12	840	8.4	5318	
30-20170213-6	TURMERIC FING...	65 KG BAG	12	780	7.8	7070	
30-20170213-16	TURMERIC CHU...	65 KG BAG	1	65	0.65	6666	

Screen: Lots Consented

The screenshot shows the 'Lots Consented' tab selected in the top navigation bar. The table displays the following data:

Lot Code	Commodity	Bag Type	No of Bags	Lot Weight in Kg	Lot Weight in Qty	Lot Rate	Consent Status	Con
No data to display.								

Screen: Bank Details

Screen: Reports

CA monitors all the activities related to trade.

Current Enhancements:

- There are no changes in dashboard. Except Bank details and reports everything remains same across.

7. Payment Integration:

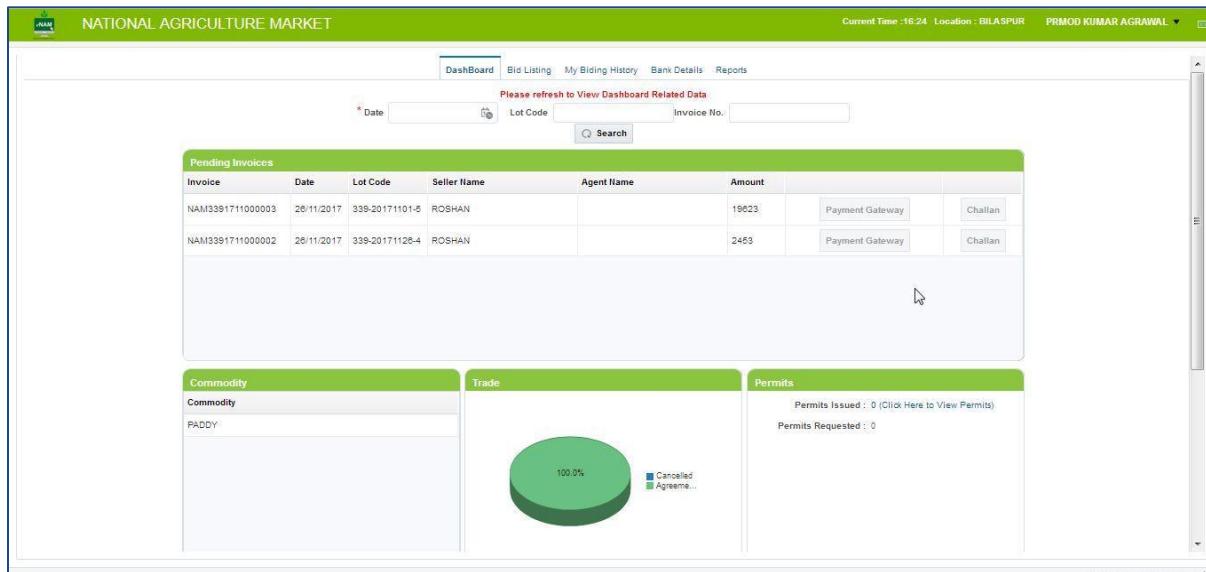
Online Payments facility is available in eNAM. Here trader will complete the bidding process and if he is the winner, then he will initiate the Online Payment process.

Trader can pay the desired amount as per the Sale Agreement to the Farmer through online payments. Payments can happen through 2 ways

1. Challan Payment
2. Online Payment

Earlier all the end transactions are closed by cash payment. But, now-a-days traders and CA's are showing interest on Online Payment.

If Trader won the bid, he can see the dashboard with the lots ready for the payment.

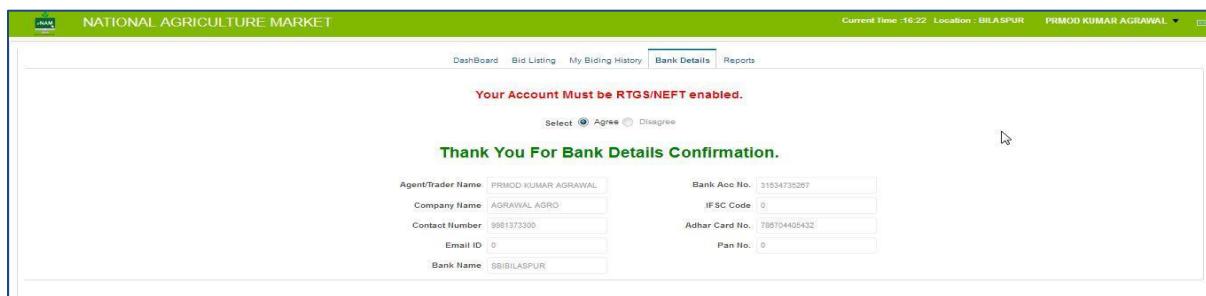


The screenshot shows the eNAM dashboard with the following details:

- Pending Invoices:**

Invoice	Date	Lot Code	Seller Name	Agent Name	Amount	Action Buttons
NAM339171100003	26/11/2017	339-20171101-6	ROSHAN		19623	Payment Gateway Challan
NAM339171100002	26/11/2017	339-20171128-4	ROSHAN		2453	Payment Gateway Challan
- Commodity:** PADDY
- Trade:** A pie chart showing 100.0% completion, with buttons for [Cancelled](#) and [Agreement...](#).
- Permits:**
 - Permits Issued : 0 ([Click Here to View Permits](#))
 - Permits Requested : 0

Now he must decide the type of Payment. Before starting the payment, he has to confirm his bank details that are already configured in the eNAM application.



The screenshot shows the eNAM Bank Details Confirmation page with the following message:

Your Account Must be RTGS/NEFT enabled.

Below the message, there is a radio button selection for "Select" and two options: "Agree" and "Disagree".

Thank You For Bank Details Confirmation.

Form fields for Agent/Trader Name, Company Name, Contact Number, Email ID, and Bank Name are displayed, along with their corresponding bank account details like Bank Ac No., IFSC Code, Adhar Card No., and Pan No.

Challan Payment:

Trader must click on Challan option, where he will be directed to a printable format called as Challan. It contains all the information of Invoice to which trader has won the bid.

Trader must produce the Challan in the bank along with the bank check of his own account. If account details are matching, payment will be happened in 1-2 days successfully. Soon after it was credited for the farmer an automatic SMS will be triggered.

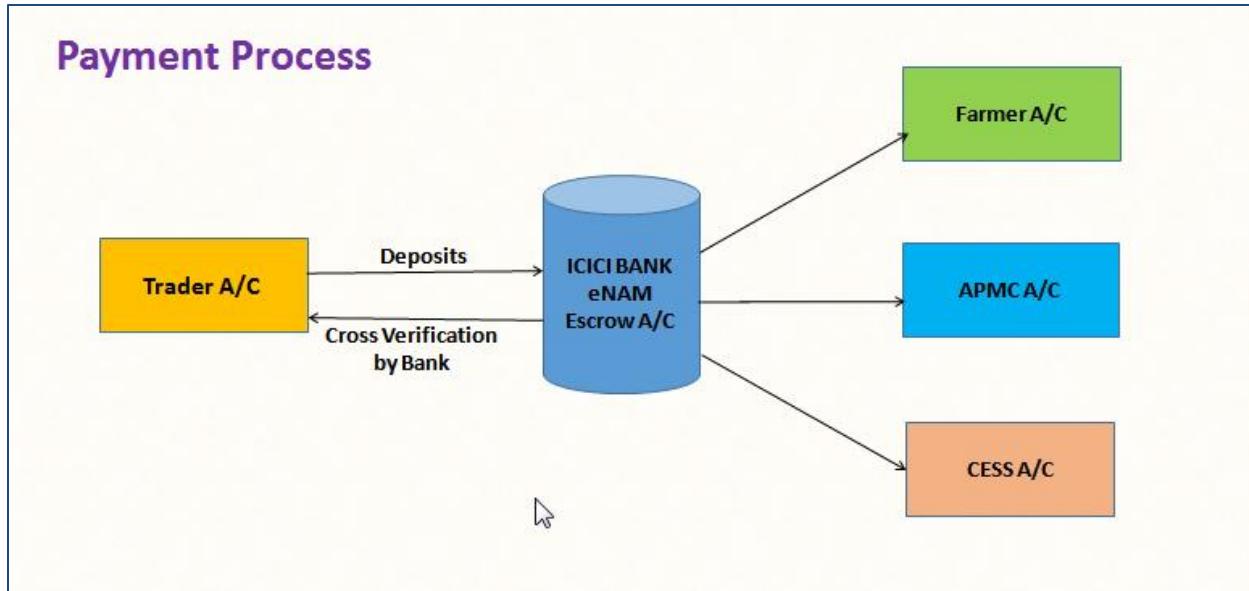
Sample Challan:

NATIONAL AGRICULTURE MARKET DHALLI SHIMLA CHALLAN ICICI Bank Limited CMS Hub, Mumbai			NATIONAL AGRICULTURE MARKET DHALLI SHIMLA CHALLAN ICICI Bank Limited CMS Hub, Mumbai			NATIONAL AGRICULTURE MARKET DHALLI SHIMLA CHALLAN ICICI Bank Limited CMS Hub, Mumbai		
Bank Copy			Mandi Copy			Trader Copy		
eNam Trn ID: NAM0441611000388 Invoice Date: 19/11/16 Beneficiary Name: National Agriculture Market Beneficiary Ac/No: NAM0441611000388 IFSC Code: ICIC0000106 Trader: Musunish Vegetable Company: Musunish Vegetable			eNam Trn ID: NAM0441611000388 Invoice Date: 19/11/16 Beneficiary Name: National Agriculture Market Beneficiary Ac/No: NAM0441611000388 IFSC Code: ICIC0000106 Trader: Musunish Vegetable Company: Musunish Vegetable			eNam Trn ID: NAM0441611000388 Invoice Date: 19/11/16 Beneficiary Name: National Agriculture Market Beneficiary Ac/No: NAM0441611000388 IFSC Code: ICIC0000106 Trader: Musunish Vegetable Company: Musunish Vegetable		
Sr.No	Components	Amount	Sr.No	Components	Amount	Sr.No	Components	Amount
1	COMMODITY VALUE	1164.00	1	COMMODITY VALUE	1164.00	1	COMMODITY VALUE	1164.00
2	Market Fee(e)	11.64	2	Market Fee(e)	11.64	2	Market Fee(e)	11.64
Total: 1175.64			Total: 1175.64			Total: 1175.64		
Disclaimer: 1. It is buyer's responsibility to ensure that RTGS/NEFT payments are made exactly as per the details as mentioned on this challan. In the event of any discrepancy, payment would not be considered and would not be available for validation. 2. Buyer is required to generate a fresh challan for making payment for a new trade. The details mentioned in the challan are unique to every trade. A challan generated for one trade can not be used for making payment for another trade. 3. Under no circumstances, including whether the buyer has made duplicate/incorrect payments, SFAC or its Banker or its service providers would not be held responsible for the same and would be under no obligation to disclose the details of the payment. 4. This challan is valid for 7 days and payment made post the expiry of the challan would be considered invalid and would be refunded. Remit the amount as per above details, by debiting my/our account for the amount of remittance plus bank charges. Rupees Debited: _____ Remittance no: _____ Account no: _____ Contact no: _____ Date _____ Signature _____ *** For Details of Charges please refer the Sale Bill *** Abbreviations: E - Exclusive Amount; I - Inclusive Amount								
Disclaimer: 1. It is buyer's responsibility to ensure that RTGS/NEFT payments are made exactly as per the details as mentioned on this challan. In the event of any discrepancy, payment would not be considered and would not be available for validation. 2. Buyer is required to generate a fresh challan for making payment for a new trade. The details mentioned in the challan are unique to every trade. A challan generated for one trade can not be used for making payment for another trade. 3. Under no circumstances, including whether the buyer has made duplicate/incorrect payments, SFAC or its Banker or its service providers would not be held responsible for the same and would be under no obligation to disclose the details of the payment. 4. This challan is valid for 7 days and payment made post the expiry of the challan would be considered invalid and would be refunded. Remit the amount as per above details, by debiting my/our account for the amount of remittance plus bank charges. Rupees Debited: _____ Remittance no: _____ Account no: _____ Contact no: _____ Date _____ Signature _____ *** For Details of Charges please refer the Sale Bill *** Abbreviations: E - Exclusive Amount; I - Inclusive Amount								

Payment through Payment Gateway:

In this scenario trader must click on Online Payment option which will be routed to payment options. Trader must select the payment options like net banking, credit card payment, debit card payment, wallet payment...etc.

Same SMS facility will be triggered on every successful transaction regarding the confirmation.



8. Weighment Integration:

eNAM application has the facility to do Weighment for the commodities. Weighment can be done through Weighbridges & Weigh Scales.

eNAM has the provision of integrating Weighbridges & Weigh Scales. Already there are few APMC's started integration of Weighbridges & Scales with eNAM.

Each state coordinator has to take the initiation of finding the local vendor for integration. Also need to coordinate with Technical team for the integration and configuration activity. Integration will be worked out by the web service posted between weighbridges to eNAM with respective to Lot-ID. Similarly Weigh Scales also.

9. Mobile App:

eNAM has a mobile app which is for the Traders as of now. Traders can download the mobile app and can login through their eNAM credentials.

They need to connect to their state and APMC only. Trades can do the bidding operation from their mobile app also. Traders can view their bidding history and minor reports also through this mobile app. Mobile app can be downloaded from Play Store - <https://play.google.com/store?hl=en>

As of now Android version is available to download. IOS will be ready shortly.

10. Report Server Access:

APMC's / Mandis can access the below link for viewing bulk reports of their own APMC.

Due to server load we have separated the reports server and can access through their own credentials provided.

<http://enam.gov.in/NAMREPORT/faces/infrastructure/SLogin.jsf>

11. ADMIN Controls:

All the configurations related to eNAM will be handled by Central Technical Team located at Hyderabad.

Respective state people can contact them directly through mobile# / mail-id. For any technical help / queries you can reach them on enam.support@ikisan.com