$\mathbf{AGMARKNET}^{^{\mathsf{TM}}}$

(Web Based Application)

Directorate of Marketing & Inspection Department of Agriculture and Co-operation Government of India

User Manual

AGMARKNET Project Unit
Agricultural Informatics Division
National Informatics Centre
Ministry of Communications & Information Technology
Government of India
(http://agmarknet.nic.in)

Amendment Log

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1. Introduction

1.1. Audience

The Personnel posted in wholesale markets covered under AGMARKNET will operate this web based application. Presently, the market data is being sent by the markets through standalone market level application which has been installed in the market. Necessary training on computer handling and awareness and application software, for transmission of data will be provided to these officials.

1.2. Purpose of the document

This document intends to provide the operating instructions for the AGMARKNET Web Based Application. It gives the detailed instructions of entering data and updation of anomalous data. Besides this, it gives information about the product and its features, procedure to customize the application according to local requirements and problem reporting mechanism.

1.3. Overview

Chapter 1 gives the brief introduction of the User Manual

Chapter 2 gives the features of the AGMARKNET Web Based Application.

Chapter 3 explains the general operational procedures of the various modules of

AGMARKNET Web Based Application.

1.4. Abbreviations

NIC National Informatics Centre

MRIN Market Research Information Network

URL Uniform Resource Locator

1.5. Problem Reporting

For the technical support in operating software, markets may consult District Informatics Officers, National Informatics Centre. Technical problems in the software may be reported to the AGMARKNET State Coordinators of National Informatics Centre, who are working in close association with AGMARKNET Project Unit at NIC Headquarters.

For hardware related problems, you have to inform the local service centre of the vendor who supplied the system. For any clarifications, please take the help of NIC State/District Coordinators.

2. Product Features

- User authentication for accessing web based application
- Facilitates updation of market arrivals and prices data
- Validation of entered data from past data and provision for updating anomalous data
- Allows users to customize the application as per the local requirements

3. Pre-requirement

• Internet connection should be available on the system to access web based application for uploading daily market data on AGMARKNET portal.

4. Operating Instructions

4.1. Application Invocation and Login Procedure

Open the web browser and type URL in address bar as http://agmarknet.nic.in/market_online/default.aspx to access web based application. The login screen will be displayed as shown in Figure— 1.1

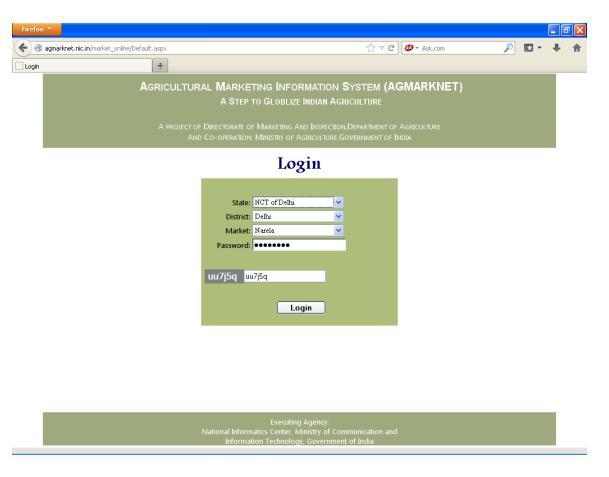


Figure -1.1

Select your State, District and Market from drop down box and type password. Enter the random alphanumeric number in the bottom field as mentioned in the screen and click 'Login' button. If the password is correct, a screen will be populated as shown in Figure 1.2 while logging into the system first time. Enter Mobile Number (Mandatory), Email (Mandatory) and Telephone number of Market and then click 'Save' button. After successful login, the main menu screen will be displayed as shown in Figure -1.3

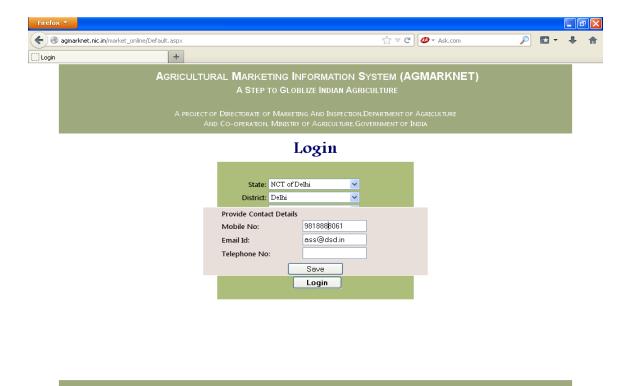


Figure - 1.2

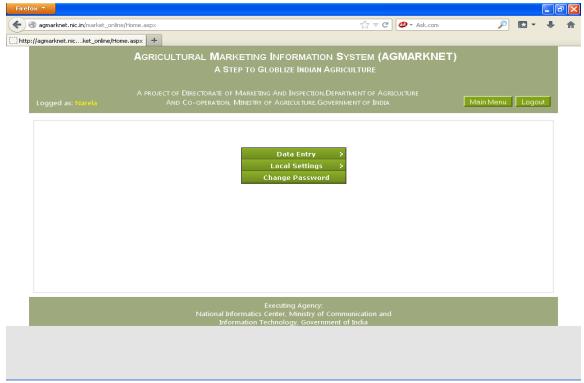


Figure – 1.3

4.2. Customization

The application can be customized to make it suitable as per the requirements of your market by using the "Local Settings" option from the Main Menu. When you are using the software for the first time you should customize it before starting daily market data entry.

4.2.1. Set Local Preferences

Setting the local preferences to display only those commodities and varieties, which are relevant to the market and enter Unit conversion formula if the unit used by the market is different from the unit used by DMI for quantity arrivals and prices. (DMI units: for Quantity Arrivals – tons and for Prices - Rs./ Quintals).

Before making daily data entry, user can set the display and unit preferences as per the local requirements. To set these local preferences, select the "Local Settings -> Local Preferences" option as shown in Figure 1.4.

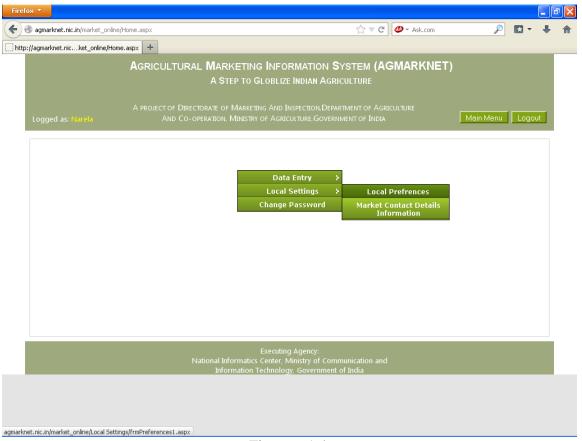


Figure -1.4

After clicking 'Local Preferences' option, the screen will be displayed as shown in Figure-1.5.

User can select commodities and varieties pertaining to his market or depending on the season. For e.g. user may desire to display mango on the screen while entering the data only in summer. User can also specify the order in which these commodities and varieties are to be displayed. You can select the commodity group under which you want to set the preferences. When you select a particular Commodity Group, you will notice that the commodities belonging to that group will be displayed on the left side and the varieties of the current selected commodity on the right side. Specify the commodities to be displayed by clicking the box provided next to that commodity in the display column. ($\sqrt{}$ sign will appear when left button of mouse is clicked). You can deselect the commodity by clicking the box again. User can also set the sequence of commodities in which order he wants to display the commodities while entering the data.

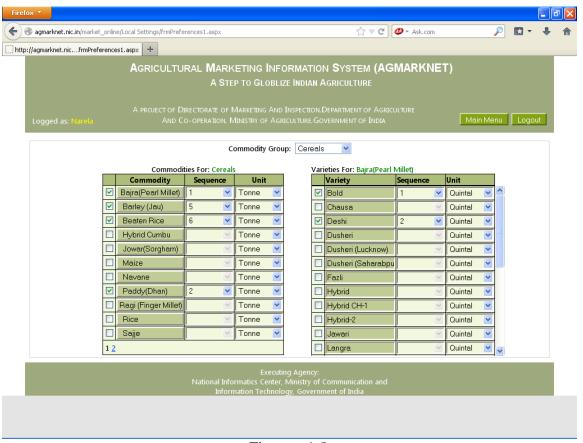


Figure -1.5

User also has choice to display only those varieties, which are relevant to his market. To set preferences for varieties of the selected commodity, select the varieties and set the sequence (as shown in the Figure -1.6) in the similar manner as explained above for commodities.

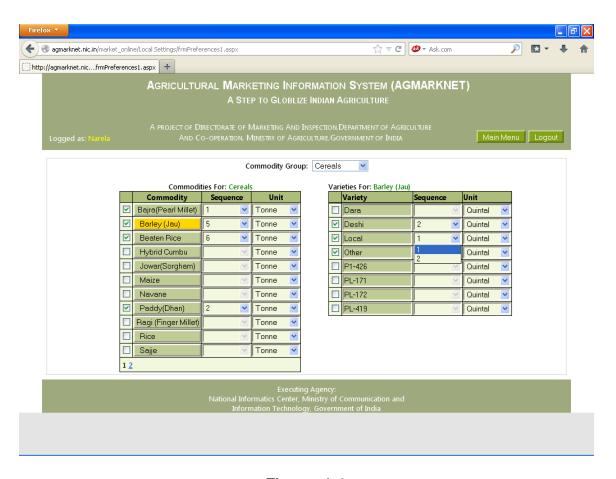


Figure – 1.6

4.2.1.1. Set Local Units

4.2.1.1.1. Set Local Units for Arrivals

The user has to enter unit conversion formula when unit used by market is different from the standard unit used by DMI for the quantity arrivals (Tonne or No).

If the user changes the local unit of arrival of a commodity, then a unit conversion formula has to be specified for which the screen shown in Figure-1.7 and Figure-1.8 will be displayed. Check the checkbox of local unit by clicking left mouse button which has been selected from unit drop down. Enter the conversion formula and click "Save Changes" button to save conversion formula for the selected commodity or 'Cancel' button to retain the previous conversion formula of commodity. Row showing with color means newly selected local unit to be set and means local unit which was selected previously.

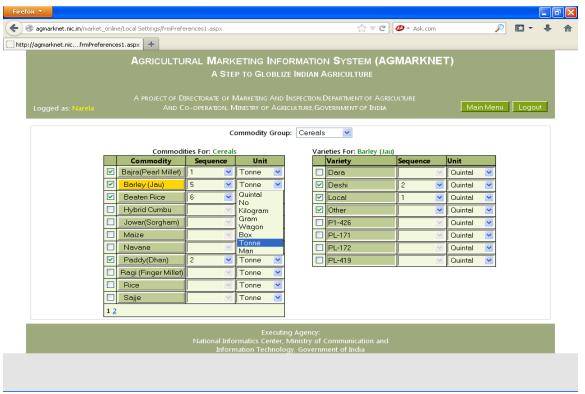


Figure- 1.7

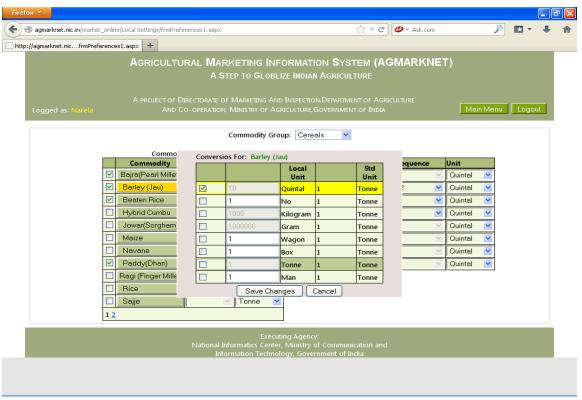


Figure - 1.8

4.2.1.1.2. Set Local Units for Prices

The user can also set the variety unit for prices as per the local requirements using the above option as shown in Figure 1.9. The user has to enter unit conversion formula when unit used by market for reporting prices is different from the standard unit specified by DMI (Rs./Quintal or Rs/Number) for the particular variety of a selected commodity. If user changes the local unit for Prices in Variety Directory, the screen is displayed as shown in Figure-2.0. Check the checkbox of local unit by clicking left mouse button which has been selected from unit drop down. Enter the conversion formula and click "Save Changes" button to save conversion formula for the selected commodity or 'Cancel' button to retain the previous conversion formula of commodity. Row showing with color means newly selected local unit to be set and means local unit which was selected previously.

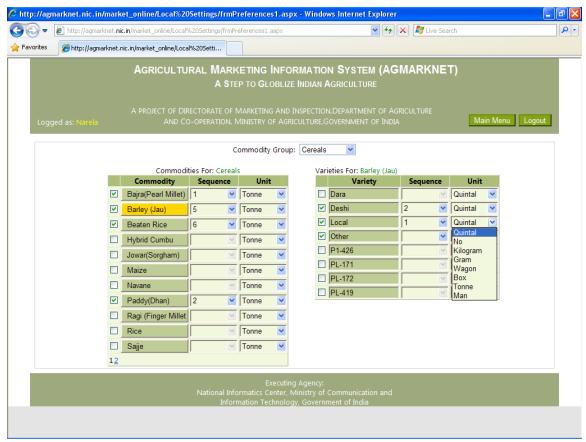


Figure – 1.9

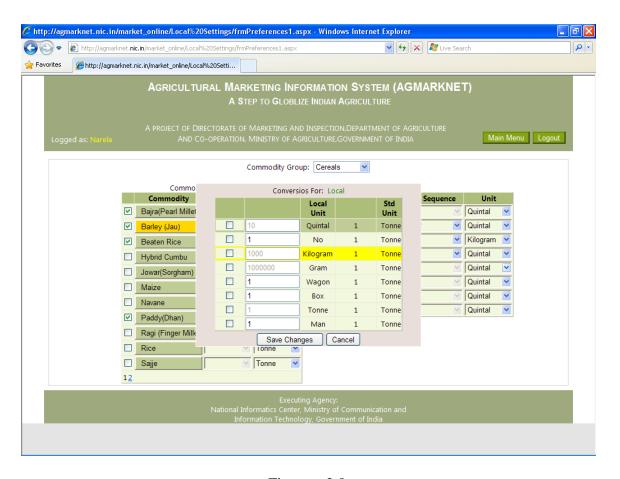


Figure -2.0

4.2.2. Market Centre Contact Details Information

This option is used to update Market Centre Email Address, Mobile Number and Phone No. After clicking this option, the screen will be displayed as shown in Figure-2.2. Enter the market centre email address, Mobile No and Phone No, and then click on 'Save' button to update the details.



Figure – 2.1

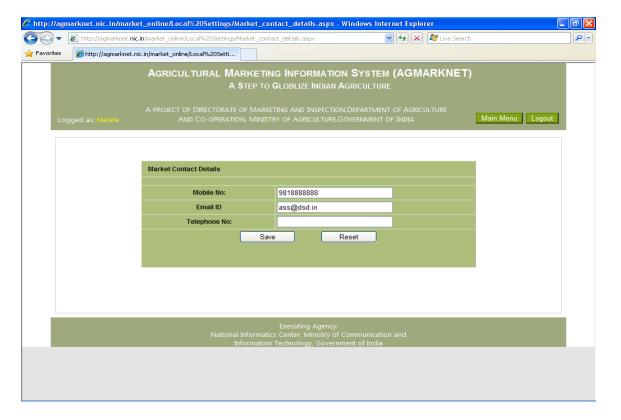


Figure -2.2

4.3. Data Entry

4.3.1. Daily Market Data Entry

Select "Daily Market Arrivals and Prices Data Entry" option from the Data Entry Menu as shown in Figure 2.3.

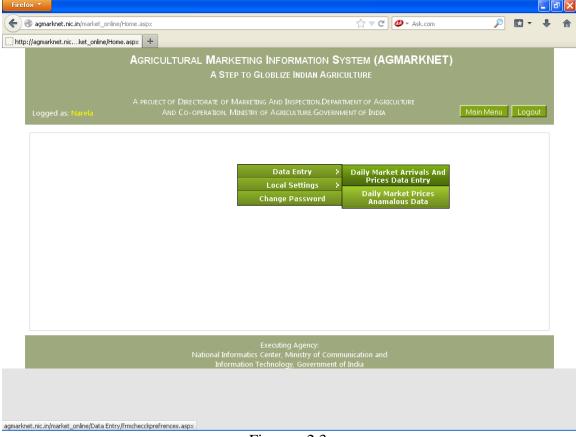


Figure -2.3

After selecting this option, the screen will be displayed as shown in Figure-2.4 to enter the quantity arrivals and prices information.

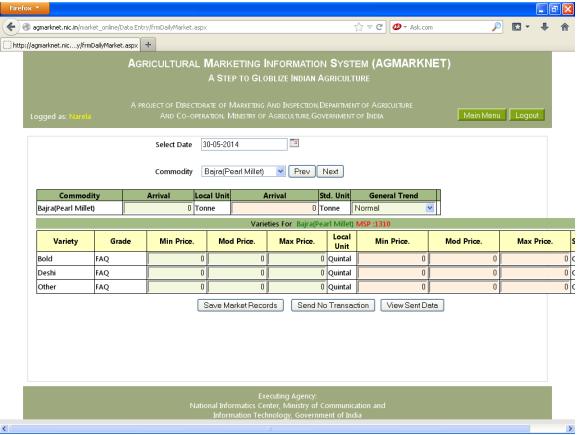


Figure -2.4

The current date will the selected by default which will let you enter the data for the current date. In case, you want to enter the data of a previous date, then click on the box with the name "Select Date" and choose the required date as shown in Figure-2.5, this will show you the data entry screen for the selected date. Please note that only last seven days market data can be updated from current date. If you select the date before 7 days from current date then the data will be reflected in the grid which were sent by the market on AGMARKNET portal for this date. This data will be available in non-updatable mode as shown in Figure-2.6.

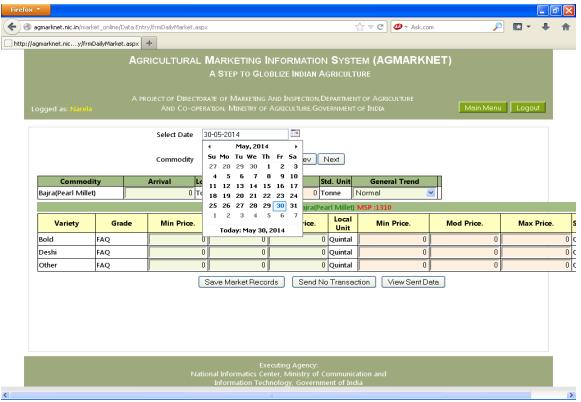


Figure -2.5

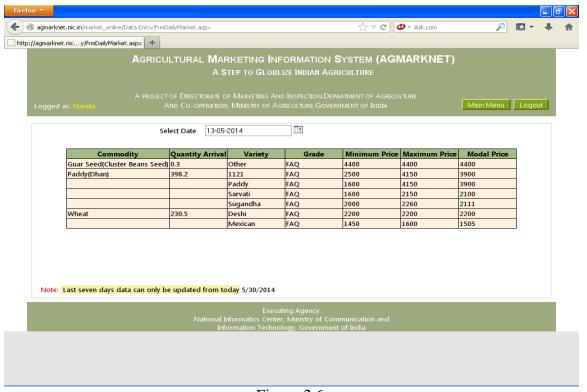


Figure-2.6

Enter Quantity-Arrivals in Local unit and select General Trend using this screen. The quantity-arrival in standard unit (being used by DMI) will be calculated automatically by the system as shown in Figure -2.7. If these two units are different, then unit conversion formula entered by the user will be used for the calculation.

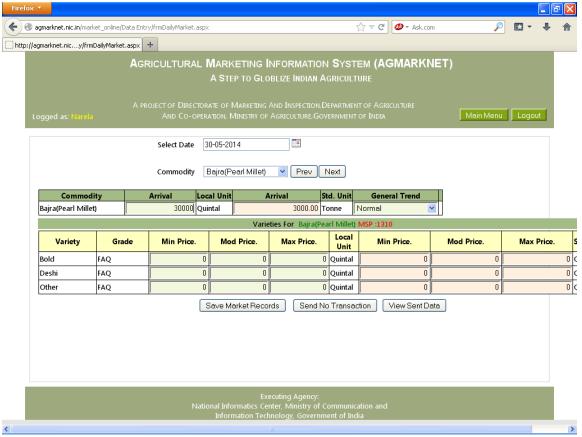


Figure -2.7

For entering price details of specific commodity, enter the variety wise minimum, maximum and modal prices for a selected commodity. The system checks the validity of the prices such as –

- Minimum price should be less than modal and maximum price
- Modal price should be less than maximum price and greater than minimum price
- While entering maximum and modal prices below Minimum Support Price (commodities for which Minimum Support Prices are declared by the central government), a warring alert will be shown and the color of fields will also be changed as shown in Figure-2.8.

The appropriate error messages are displayed by the system.

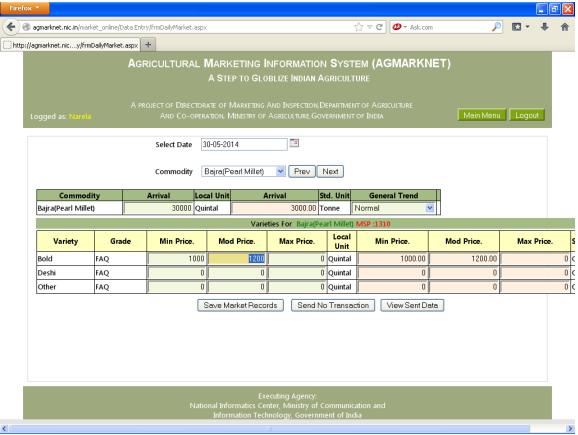


Figure- 2.8

After entering the quantity-arrivals and prices of the selected commodity, click the 'Save Market Records' button to save the details of the particular commodity. The screen will be displayed as shown in Figure-2.9 and press 'ok' button. To enter other commodity quantity-arrival and prices details, whether you can move to next/previous commodity by clicking 'Prev' or 'Next' or select the commodity from commodity drop down as shown in Figure-3.0 and follow the same steps as mentioned above. An appropriate alert message (as shown in Figure-3.1) will be shown in case you forget to save the record and move for data entry of other commodity.

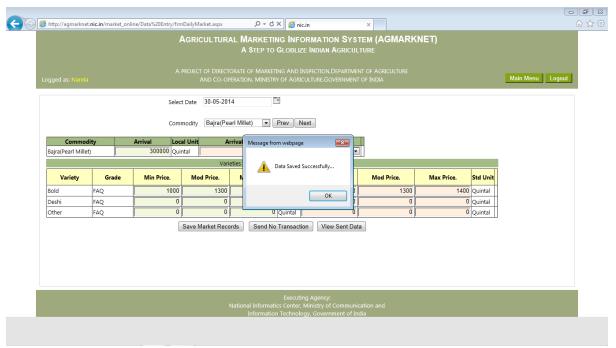
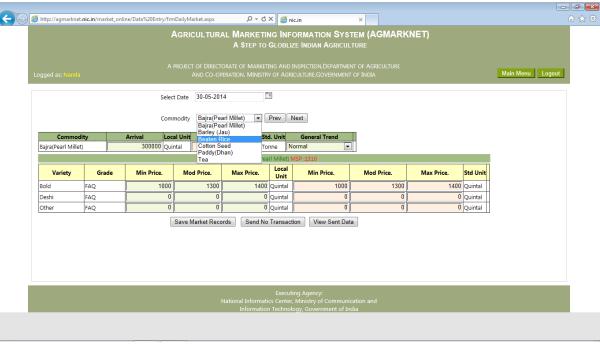


Figure-2.9



Figur-3.0

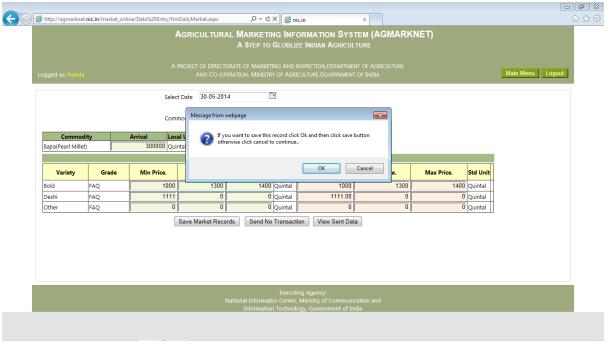


Figure-3.1

4.3.2. Sending NIL Transaction

There is a provision to notify the headquarters of the day when **there are no transactions in the market**. For this, just select the date and click on "Send No Transaction" button as shown in Figure 3.2.

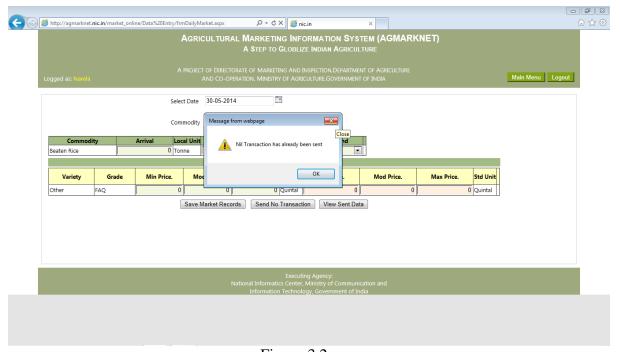


Figure-3.2

4.3.3. View Sent data

There is a provision to view all the entered data at a glance for the selected date. Here, the quantity-arrival and prices data will be shown in standard unit as reflected on AGMARKNET portal (Figure-3.3). This will help you for checking and verifying the data which is to be uploaded on portal.

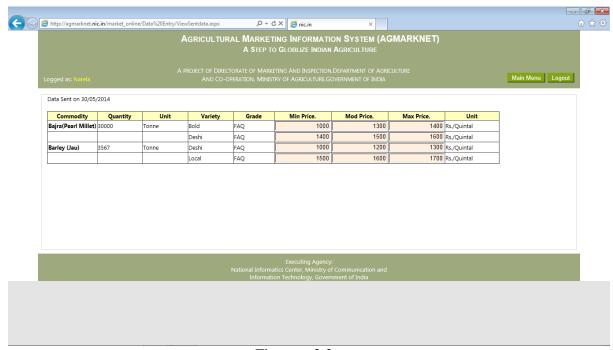


Figure -3.3

4.4. Market Prices data validation

Once, the user logouts from the application by clicking 'logout' button after completing the daily entries. The prices data gets into validation (from the past data sent by the markets) on server for an hour. Till validation the login into the application will be restricted for the market which data is under validation (Figure-3.4).

All the correct prices data gets uploaded on AGMARKNET portal and likely anomalous, if any, the alert will be displayed to user as shown in Figure-3.5 when the user logs into the application after completion of validation process. The user needs to update/correct these data through option Data Entry->Daily Market Prices Anomalous Data (Figure-3.6)



Figure-3.4



Figure-3.5



Figure-3.6

After clicking 'Daily Market Prices Anomalous Data' option, the screen will be displayed as shown in Figure-3.7. Here, it will show all the dates on which the market has reported likely anomalous prices data. User has to select the date for updating these prices as shown in Figure-3.8. Click the 'Edit' button of the row for which prices are to be updated (Figure-3.9) then edit the prices and update it by clicking 'Update' button (Figure



Figure-3.7

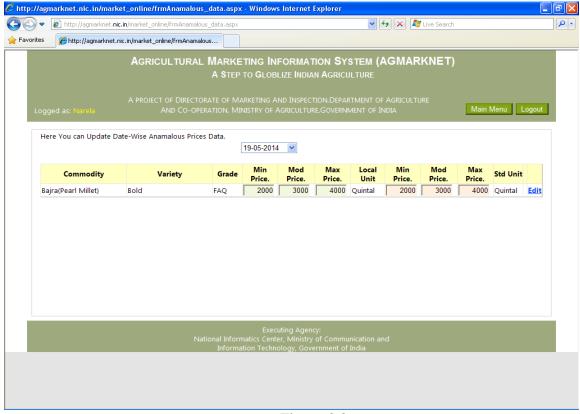


Figure-3.8

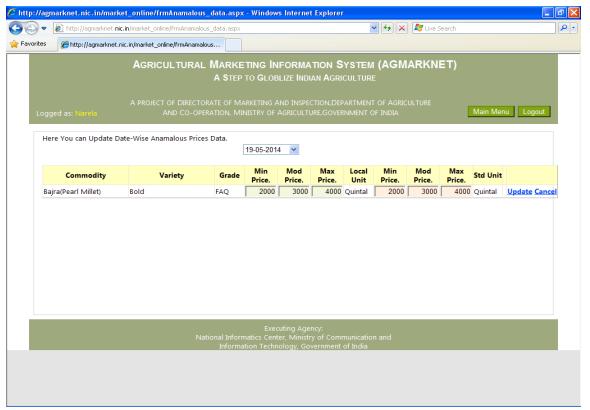


Figure-3.9

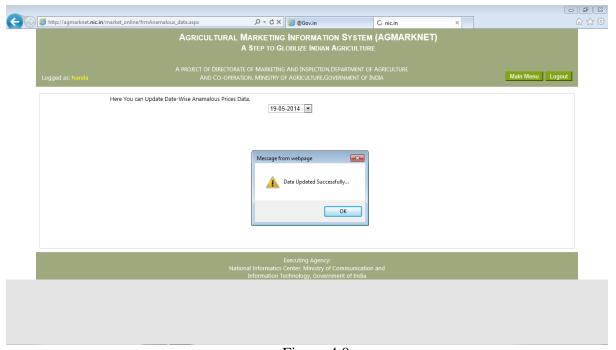


Figure-4.0

4.5. Change Password

This option is used to change the password of the system.

To change password click

Main Menu (Figure 1.3) -> Change Password

After clicking this option, the screen will be displayed as shown in Figure-4.1. To change the password, enter the old password, the new password and its confirmation and then click on Save.

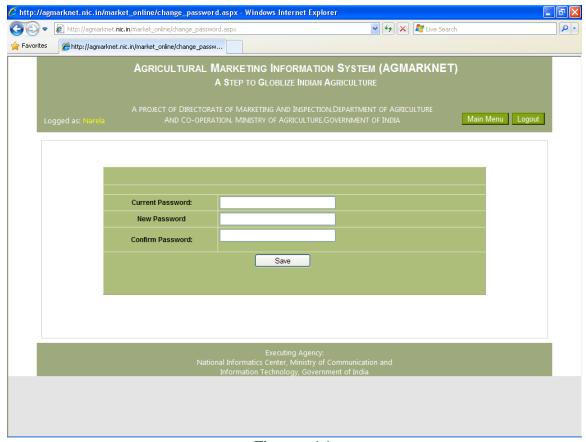


Figure -4.1

After pressing "Save" button, the screen will be displayed in Figure-4.2.

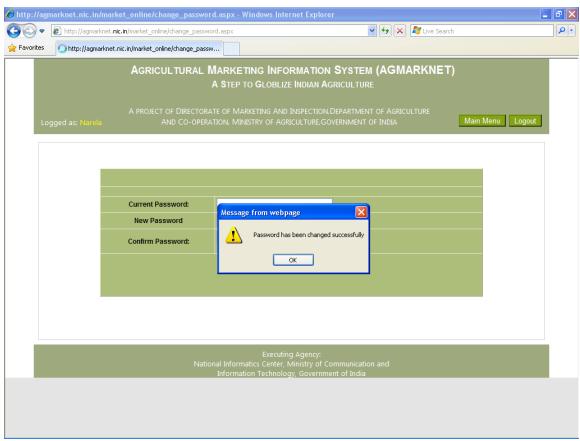


Figure -4.2

4.6. Logout

User can logout from the application at any time by clicking 'Logout' button which is available in each page of the application.