User Training Manual for Online Data Management System for Agronomy AICRPS Trial

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This Reference manual has been designed to help the users of **DATA MANAGEMENT OF AICRPS AGRONOMY TRIAL.** In order to use the system without any difficulty.

Users will login using appropriate User Id and Password

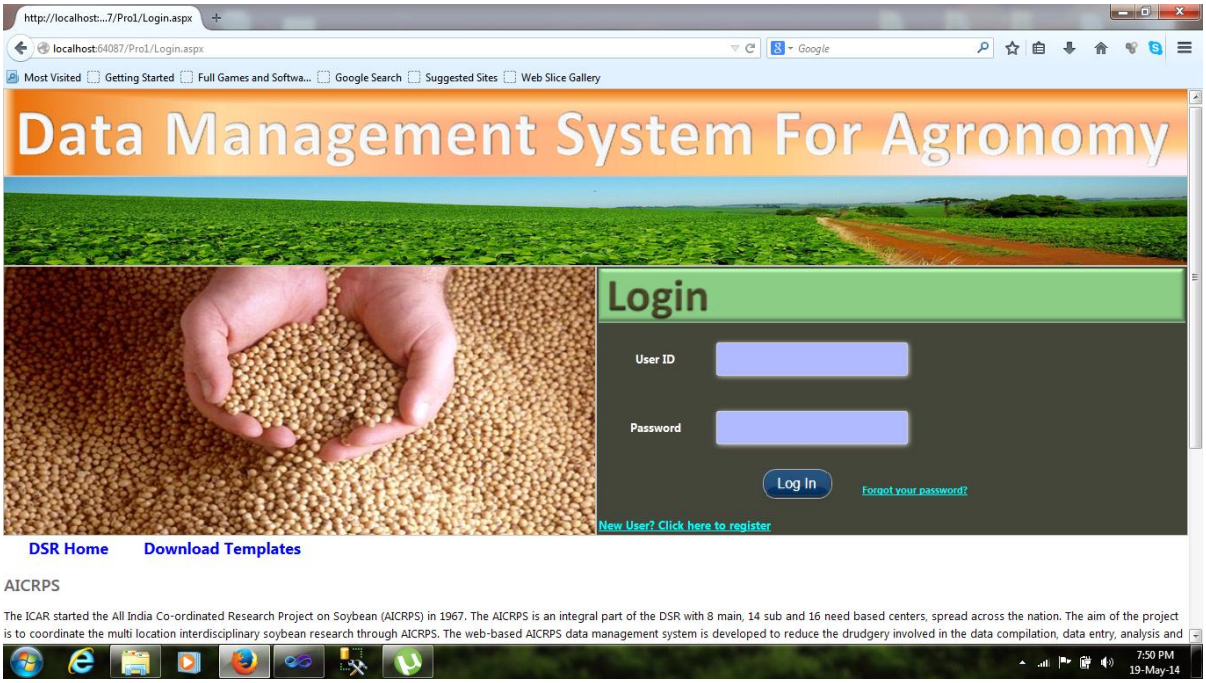


FIGURE:1 LOGIN PAGE

- **Steps to Login in the system as Data Entry Operator**

1. Enter valid User Id and Password which is given by the Super Admin and click on as shown in FIGURE :1
2. If you are not the registered user click on the link
3. After selecting the link following form will appear.

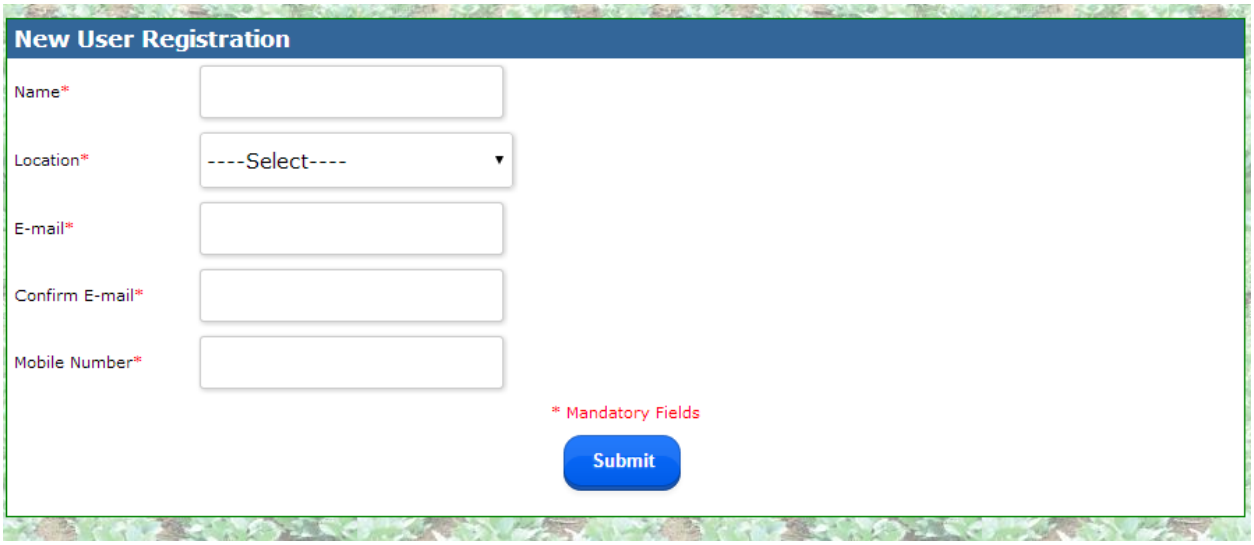


FIGURE: 2 NEW USER REGISTRATIONS

4. In the above form fill all details (all fields are mandatory) and click on Submit button.
5. After Clicking "Submit Button all details will be emailed to Super Admin.
6. Super Admin will grant "User Id and Password" to the valid users.

- ## Steps for Super Admin to login in the System

1. Enter appropriate User Id and Password click on login FIGURE: 1
2. After logging following form will appear with various buttons each with different functionalities as follows

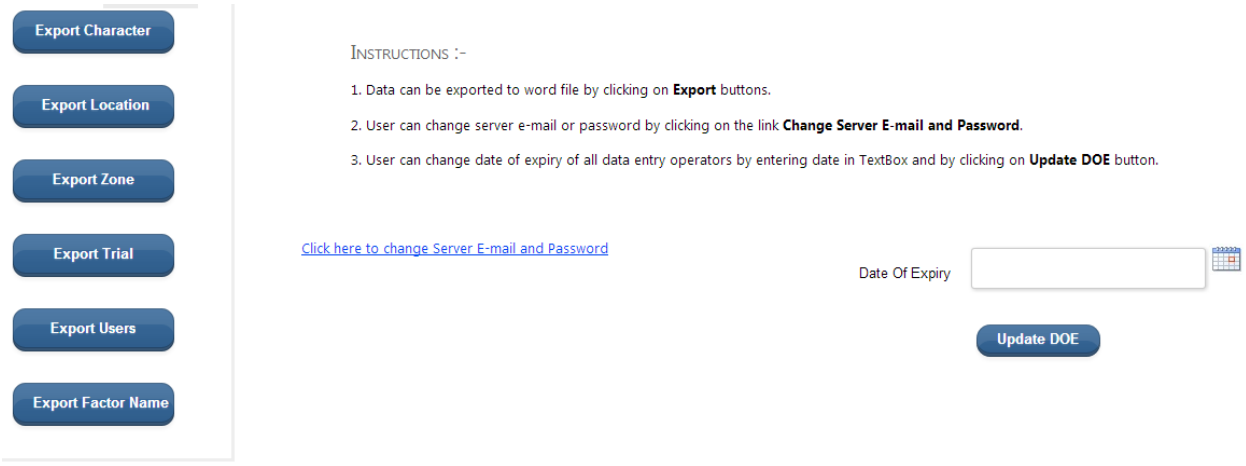
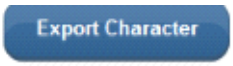
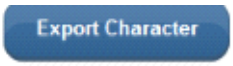


FIGURE: 3 SUPER ADMIN PAGE

- **Steps to Export Character**

1. Click on  as shown in FIGURE: 3

2. After selecting  following form will appear.

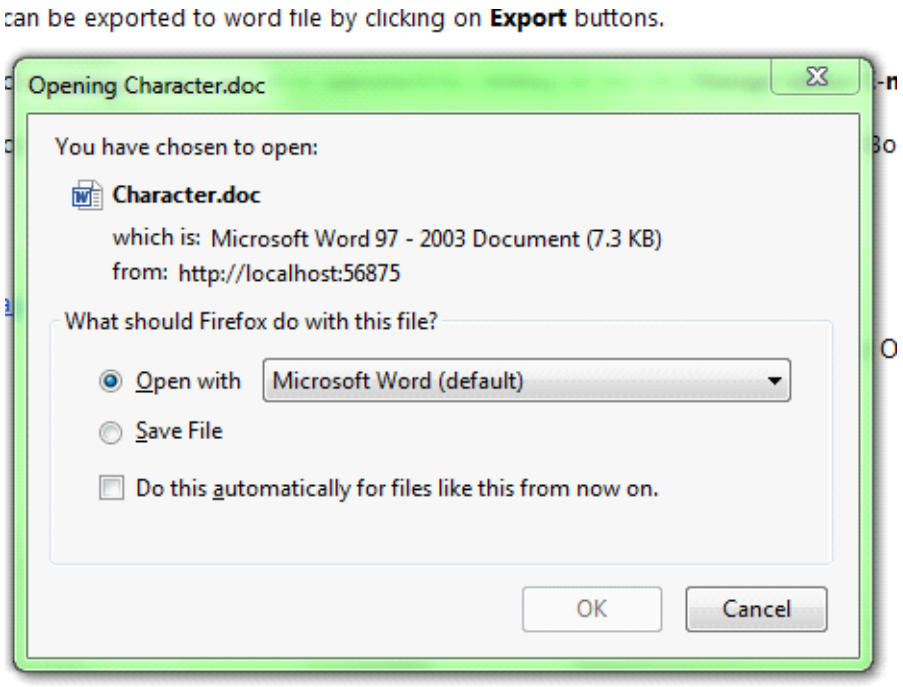


FIGURE: 4 EXPORT CHARACTER

3. Select" Save File" to save the file on your system.

4. Click "Open With" option to open the file as shown below.

Characters

Character Name
Dry matter at 30 DAS (g)/plant
Dry matter at 45 DAS (g)/plant
Mean CGR at 30-45 DAS (g)
Mean CGR at 45-60 DAS (g)
Mean RGR at 30-45 DAS (g)
Pods/plant
Seed index

FIGURE: 5 OPEN CHARACTER

- **Steps to Export Location**

1. Click on

as shown in FIGURE: 3

2. After selecting

following form will appear.

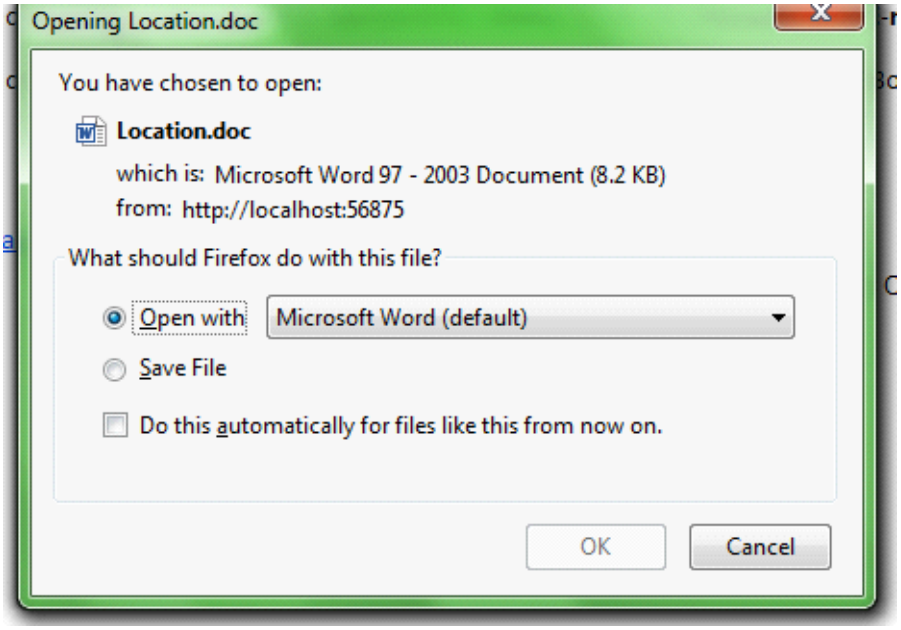


FIGURE: 6 EXPORT CHARACTER

3. Select" Save File" to save the file on your system.

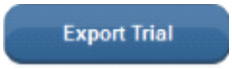
4. Click "Open With" option to open the file as shown below.

Locations

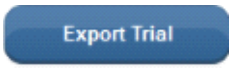
Location Name
Adilabad
Almora
Amravati
Banglore
Bhawanipatna

FIGURE: 7 OPEN LOCATION

- **Steps to Export Trial**

1. Click on 

as shown in FIGURE: 3

2. After selecting 

following form will appear

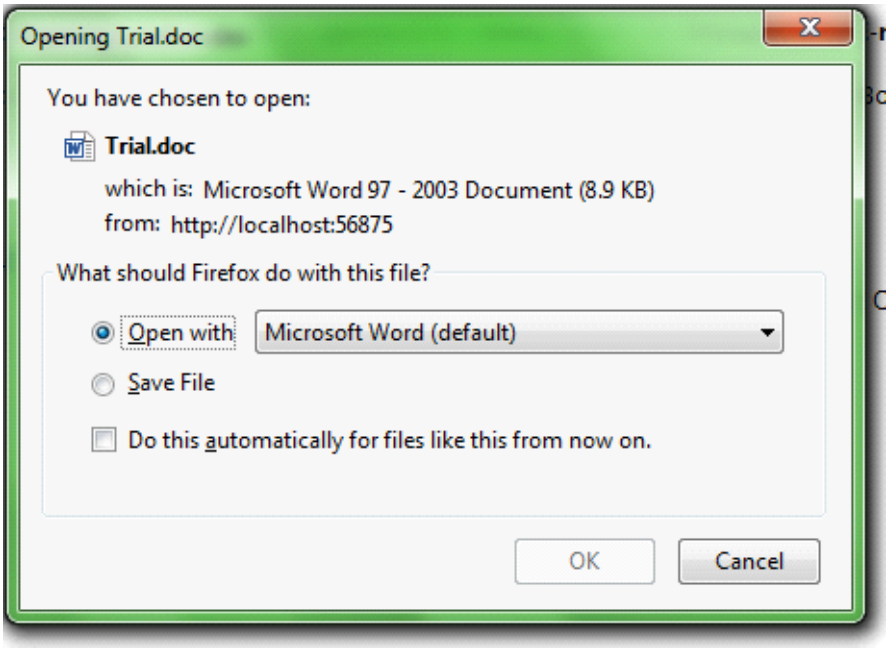


FIGURE: 8 EXPORT TRIAL

3. Select" Save File" to save the file on your system.

4. Click "Open With" option to open the file as shown below.

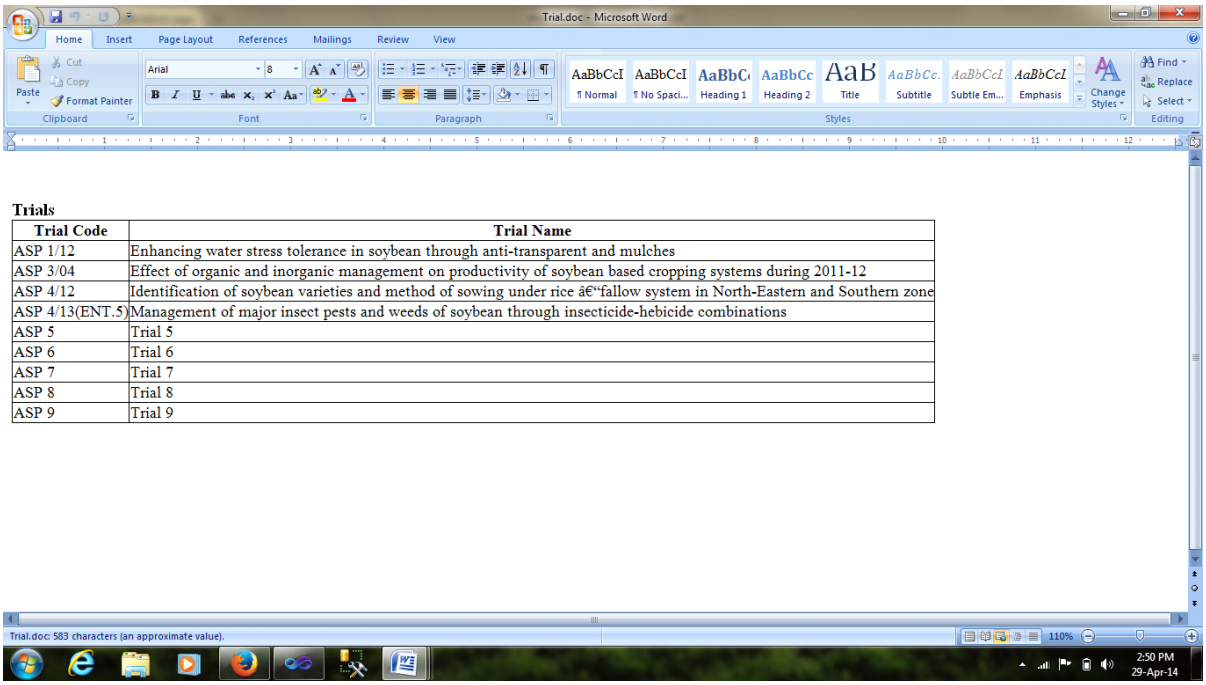


FIGURE: 9 OPEN TRIAL

- **Steps to Export User**

1. Click on

as shown in FIGURE: 3

2. After selecting

following form will appear

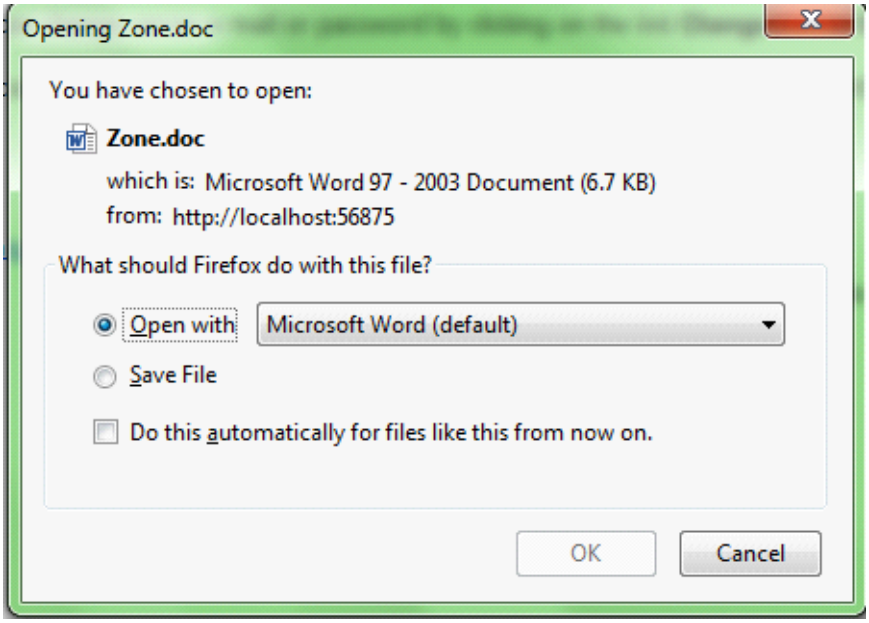


FIGURE: 10 EXPORT ZONE

3. Select" Save File" to save the file on your system.

4. Click "Open With" option to open the file as shown below.

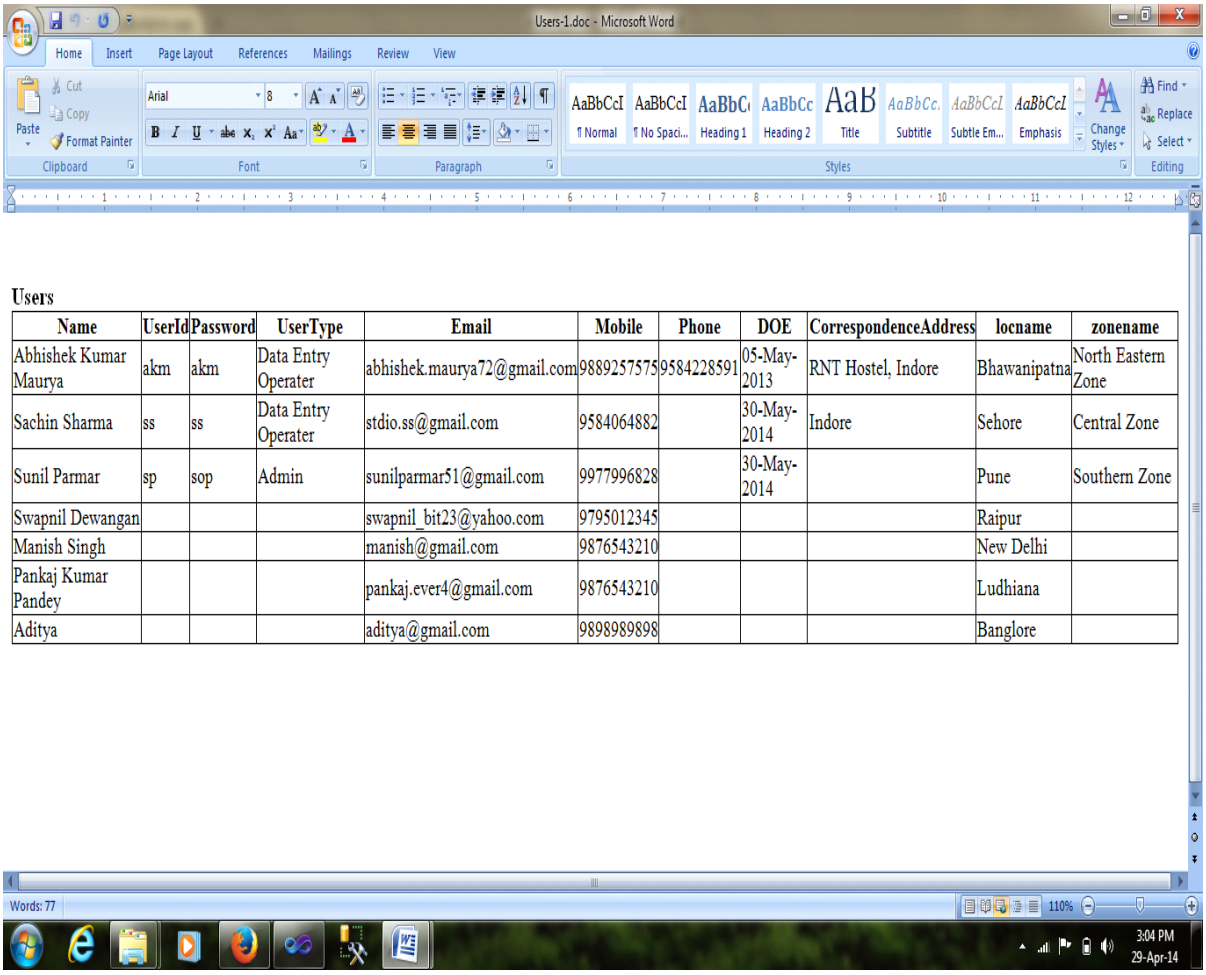
Zone

Zone Name
Central Zone
North Eastern Zone
Northern Hill Zone
Northern Plain Zone

FIGURE: 11 OPEN ZONE

3. Select" Save File" to save the file on your system.

4. Click "Open With" option to open the file as shown below.



Users

Name	UserId	Password	UserType	Email	Mobile	Phone	DOE	CorrespondenceAddress	locname	zonename
Abhishek Kumar Maurya	akm	akm	Data Entry Operater	abhishek.maurya72@gmail.com	9889257575	9584228591	05-May-2013	RNT Hostel, Indore	Bhawanipatna	North Eastern Zone
Sachin Sharma	ss	ss	Data Entry Operater	stdio.ss@gmail.com	9584064882		30-May-2014	Indore	Sehore	Central Zone
Sunil Parmar	sp	sop	Admin	sunilparmar51@gmail.com	9977996828		30-May-2014		Pune	Southern Zone
Swapnil Dewangan				swapnil_bit23@yahoo.com	9795012345				Raipur	
Manish Singh				manish@gmail.com	9876543210				New Delhi	
Pankaj Kumar Pandey				pankaj.ever4@gmail.com	9876543210				Ludhiana	
Aditya				aditya@gmail.com	9898989898				Banglore	

FIGURE: 12 USER INFORMATION PAGE

- **Steps to Factor Name**

1. Click on

as shown in FIGURE :3

2. After selecting

following form will appear

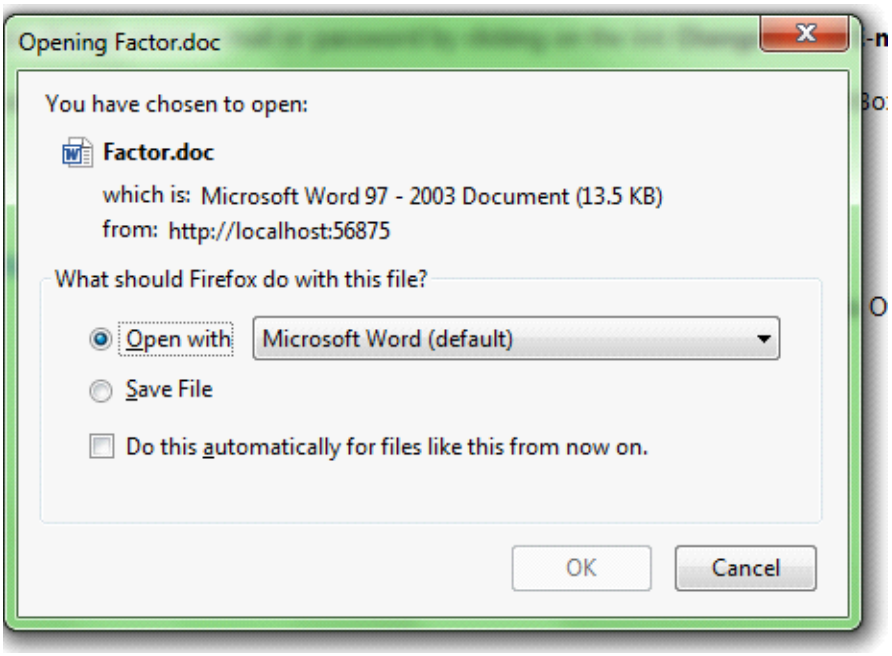


FIGURE: 13 EXPORT FACTOR

3. Select" Save File" to save the file on your system.

4. Click "Open With" option to open the file as shown below.

Factors

Factor Name
0.30
0.45
0.60
aa
aaaaaa
ab
ac
ad
ae

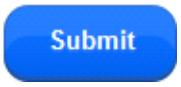
FIGURE: 13 OPEN FACTOR

- **Steps to Change Server Email Id and Password**

1. Click on Click here to change Server E-mail and Password as shown in FIGURE: 3
2. After selecting following form will appear

FIGURE: 14 UPDATE SERVER EMAIL ID PASSWORD

3. Enter new email id and password in the text box as shown in the above FIGURE : 14

4. Click on 

to update the existing email id and password.

- **Steps to Take Database Backup and to Reset Database**

1. Click on "Database Backup "button as shown in FIGURE: 3

2. After selecting following window will appear as shown below

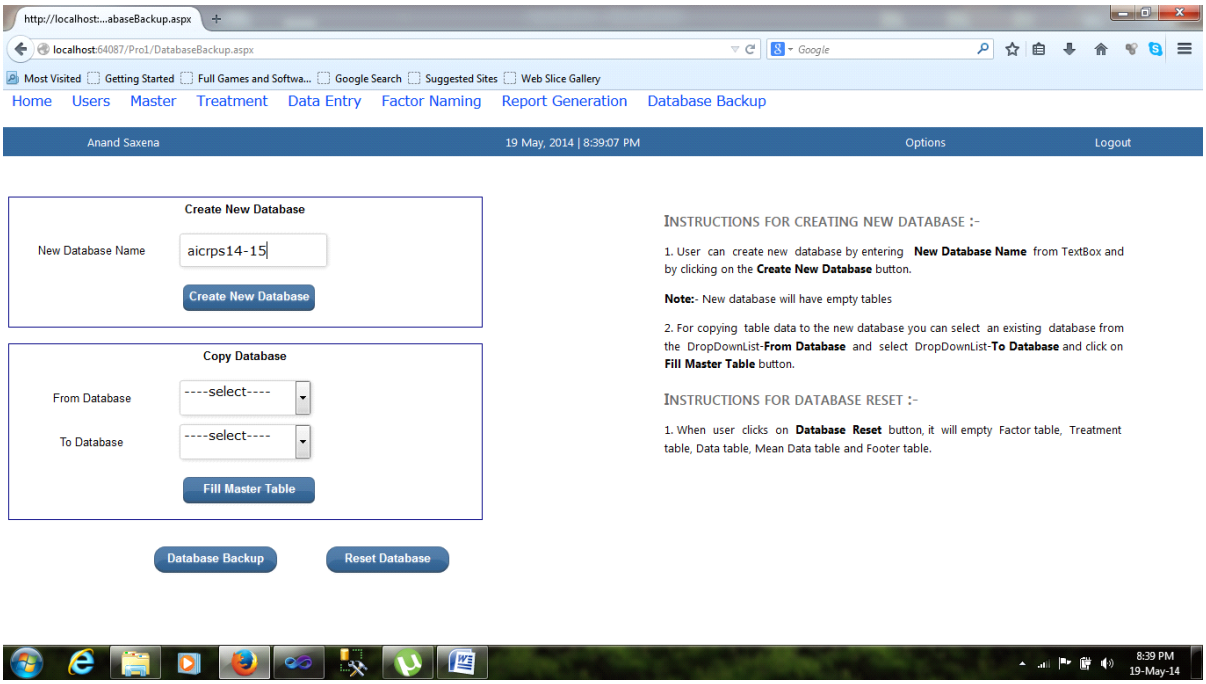
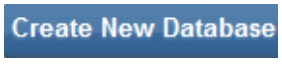


FIGURE: 15 DATABASE BACKUP PAGE

3. Enter name of New Database.

4. Click on 

5. Now enter information as shown in below.

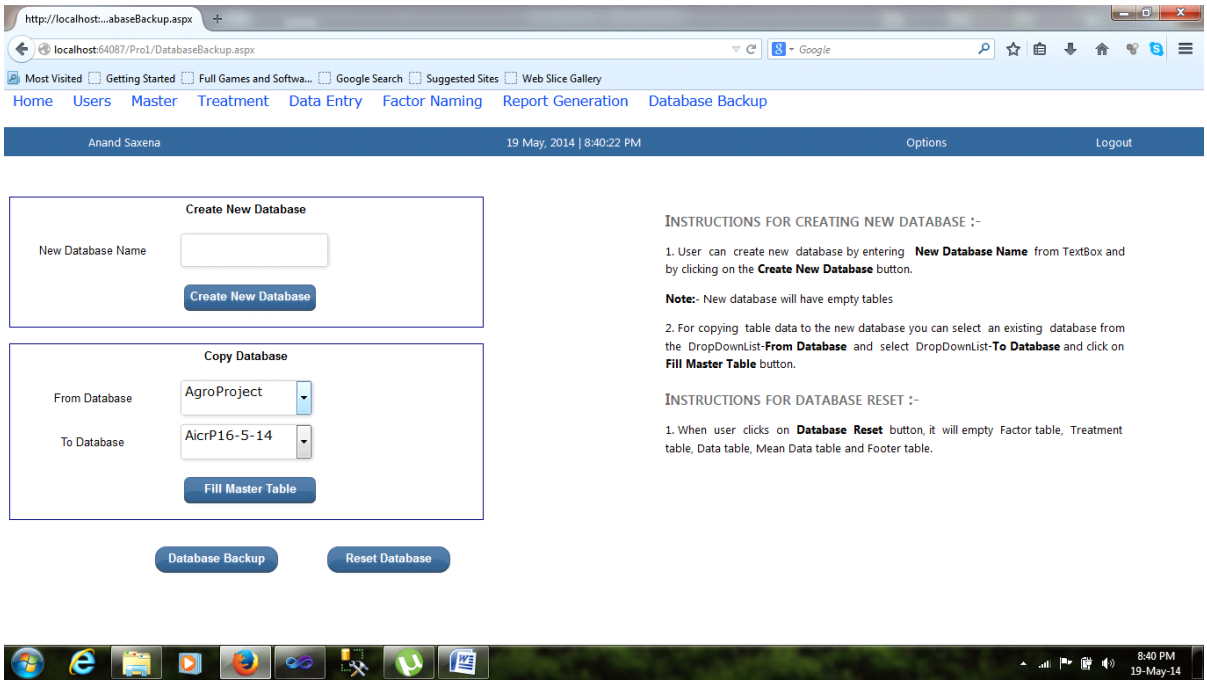
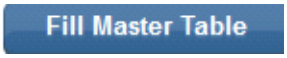


FIGURE: 16 CREATE NEW DATABASE

6. Click on 

7. Click on

if you want to take Database Backup.

8. Click on

if you want to take Reset Database.

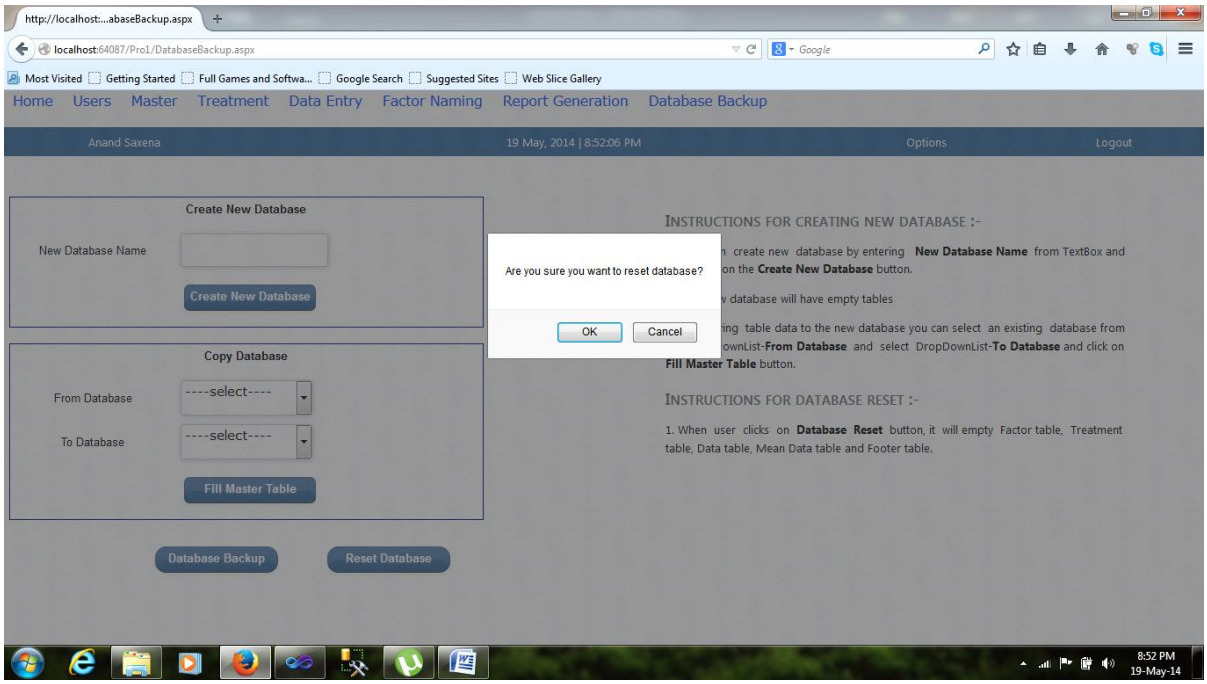


FIGURE: 17 RESET DATABASE

9. Click on O. K to reset Database

- **Steps to Update Validity of Data Entry Operators**

FIGURE : 18 DEO VALIDITY

1. Click on Users as shown in FIGURE: 3
2. After selecting following form will appear

FIGURE 19: USER INFORMATION PAGE

3. Enter user name in the text box FIGURE: 20 whose information you want to search as shown below

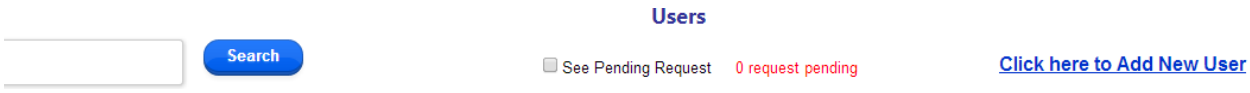


FIGURE: 20 SEARCH PENDING USER

4. To view the pending requests of the users put check on the pending request as shown below in FIGURE: 21

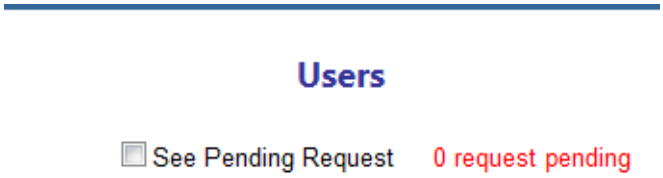


FIGURE : 21 PENDING REQUEST PAGE

- **Steps to Add New Users**

1. In FIGURE :3 Click on Click here to Add New User link to add new users. After selecting following form will appear.

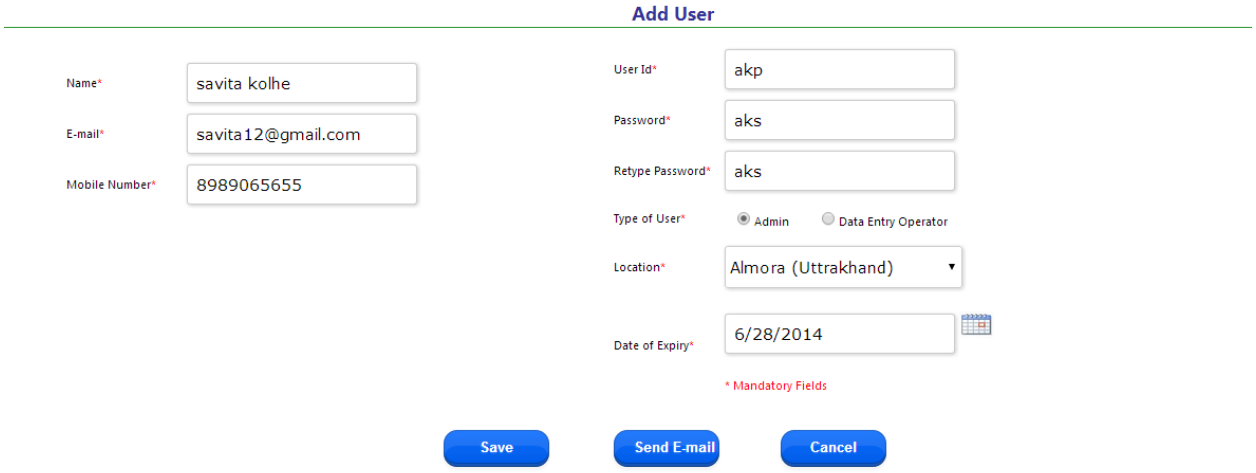
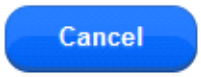


FIGURE :22 ADD USER PAGE

2. Fill the complete information.
3. Click on Save button to save the information.

4. Click on

button to email the user id and password to the users information.

5. Click on 

to cancel the request of the user as user is not authorized to grant the user id and password.

- **Steps to Search Users**

1. Enter User Name in the txt box as shown in the FIGURE: 23

FIGURE :23 SEARCH USER (I)

2. Enter User Name in the above text box as shown and click on

FIGURE: 24 SEARCH USER (II)

- **Options:** After selecting "Options" from FIGURE: 3 various submenus will be opened as shown below

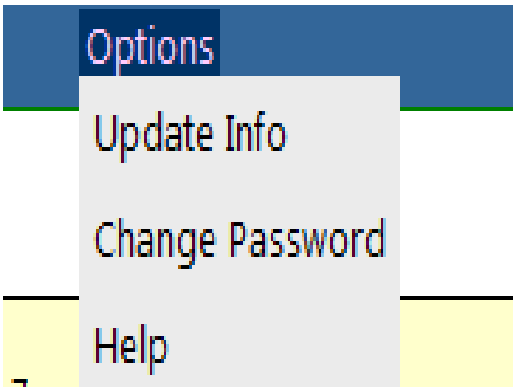


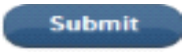
FIGURE : 25 OPTION

(i) Update Info:

After selecting update info following form will appear. Fill the complete details in the form and click on

FIGURE: 26 UPDATE USER INFORMATION

(ii)Change Password:

After selecting "Change Password" following form will appear" enter all details in the form and click on 

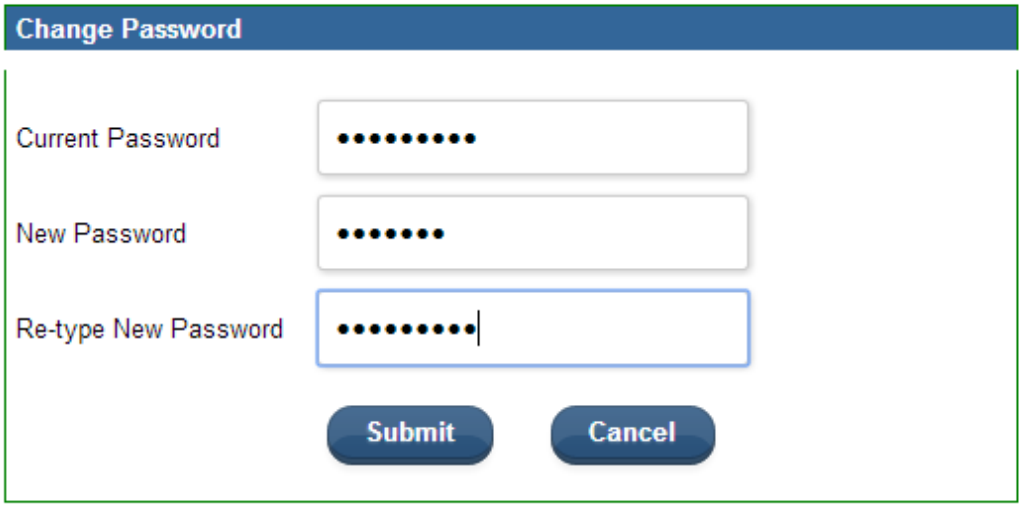


FIGURE: 27 CHANGE PASSWORD

(iii)Help : After selecting "Help" following window will appear select "Open with " to open the file or Save File to save the file on your system

MAKING THE MASTER TABLES READY

Before the data entry, the AICRPS Agronomy In-charge should make following master tables ready as per the technical program:-

- Zone Master Table
- Trial Master Table
- Character Master Table
- Location Master Table
- Treatment Master Table

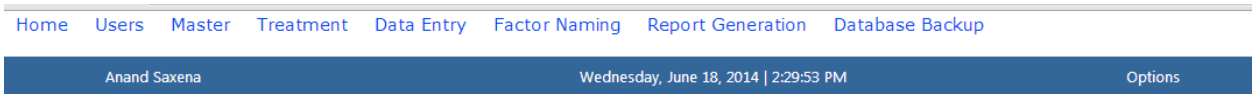


FIGURE: 28 HOME PAGES

Getting Zone Master Table Ready

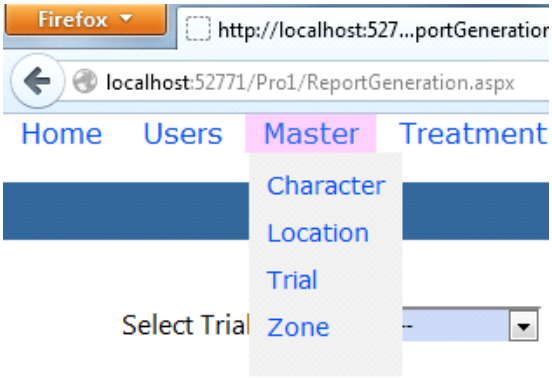


FIGURE: 29 MASTER SUBMENU

Steps for Adding Zones

1. Click

option form the main-menu as shown above FIGURE: 29

2. After selecting

the following form will appear

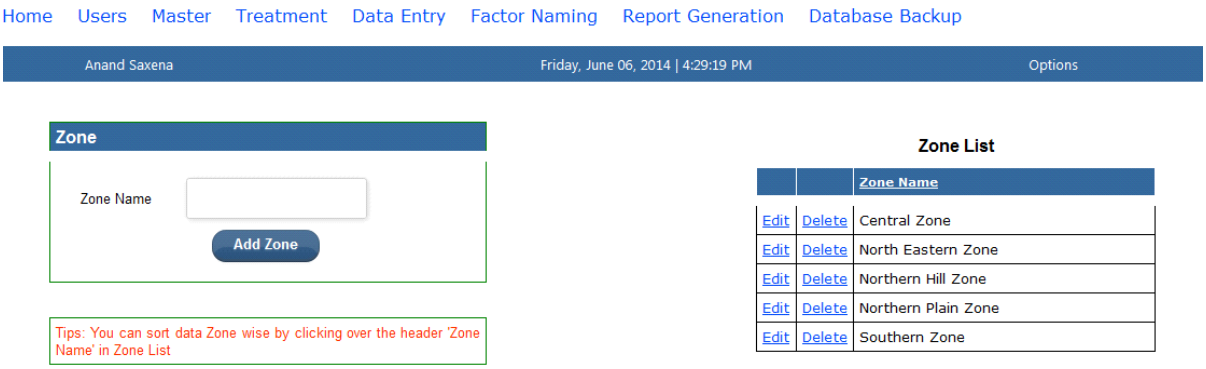
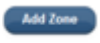


FIGURE : 30 ADD ZONE

3. Enter Zone Name in the Text Box and click 

Steps for Editing Zones

1. Click Delete a shown in FIGURE: 30 **f**ollowing form will appear

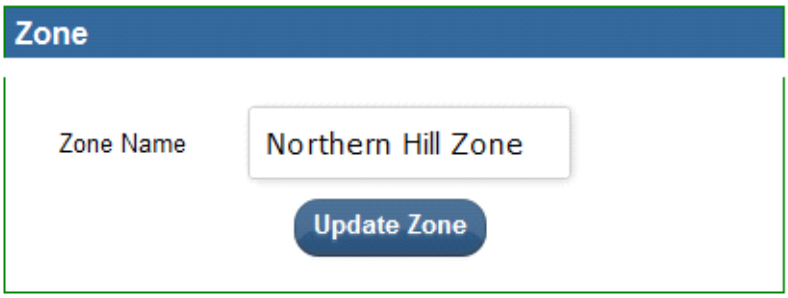


FIGURE: 31 UPDATE ZONE (I)

2. Enter zone name in the above text box

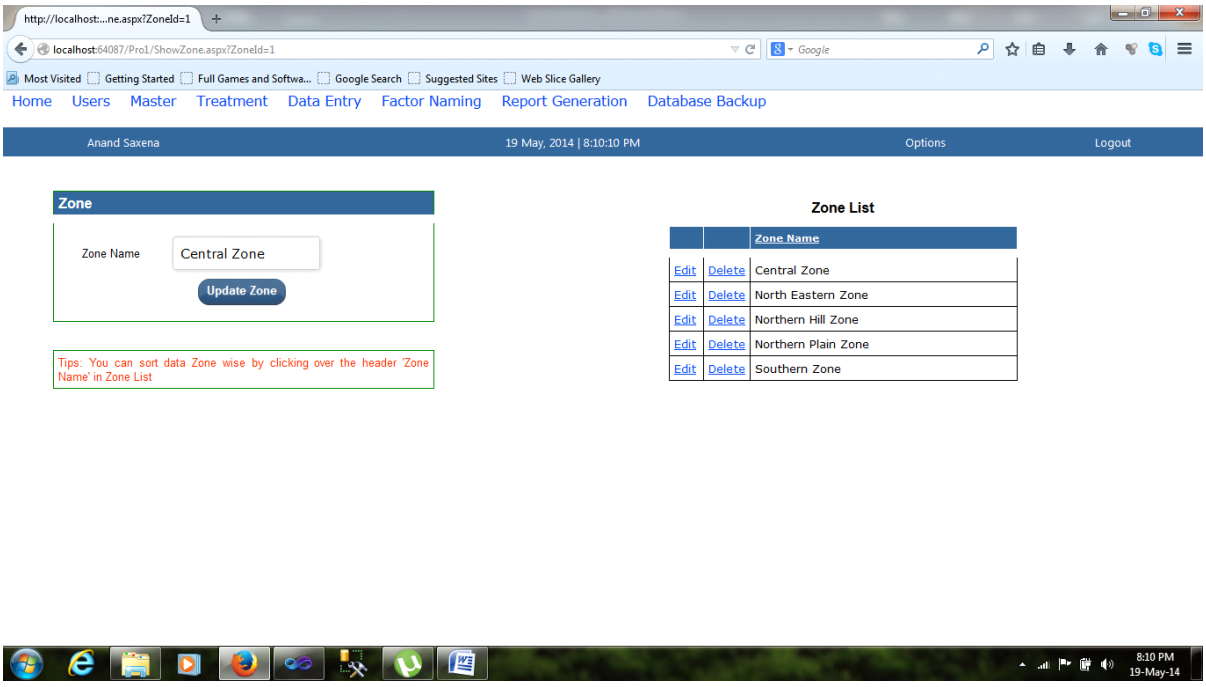


FIGURE: 32 UPDATE ZONE(II)

3. Click "Update Zone" button

4. Repeat steps 1-3 until all zone names is shown in the list.

Steps for Deleting Zones

1. In the above FIGURE: 32 click on Delete option.

2. After selecting following form will appear

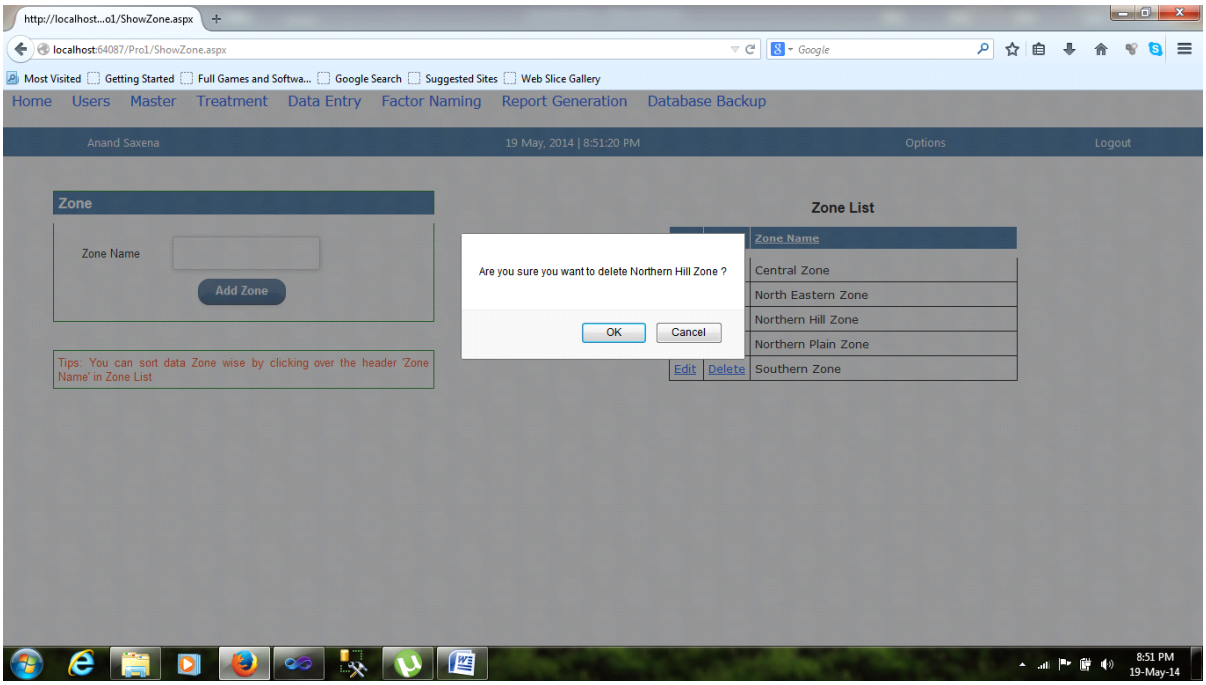


FIGURE: 33 DELETE ZONE

3. Select the zone name to be deleted from the Entered zone.

4. Select O.K. from prompt window to proceed further.

5. The Zone name will disappear from the zone list.

GETTING TRIAL MASTER TABLE READY

Steps for Adding Trial

1. Click Master option in the main-menu as in above FIGURE: 3
2. Select Trial to enter Trial information.
3. Following form will appear after selecting trial.

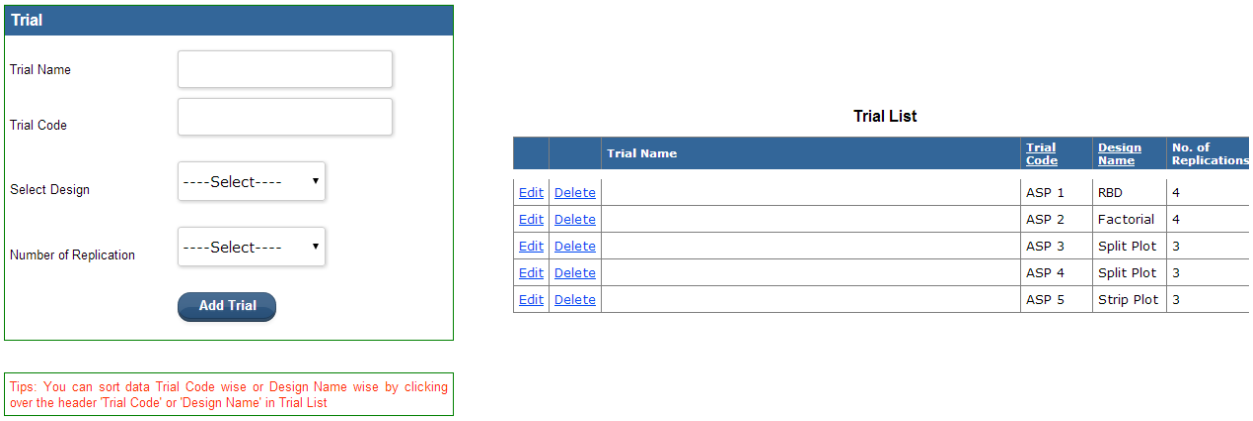


FIGURE : 34 ADD TRIAL PAGE

4. In the above form enter "Trial Name "in the text box.

5. In the above form enter "Trial Code" in the text box.

6. Choose appropriate "Design" from drop down list.

7. Choose appropriate Number of Replication from drop down list.

8. Click Add Trial button.

9. Repeat steps 4- 8 until all Trial names are shown in the list

Steps for Editing Trial

1. Select Edit option as shown below.

Trial List

		Trial Name	Trial Code	Design Name	No. of Replications
Edit	Delete	Enhancing water stress tolerance in soybean through anti-transparent and mulches	ASP 1/12	Factorial	3
Edit	Delete	Management of major insect pests and weeds of soybean through insecticide-hebicide combinations	ASP 4/13(ENT.5)	RBD	3
Edit	Delete	Identification of soybean varieties and method of sowing under rice –fallow system in North-Eastern and Southern zone	ASP 4/12	Split Plot	3
Edit	Delete	Effect of organic and inorganic management on productivity of soybean based cropping systems during 2011-12	ASP 3/04	Strip Plot	4
Edit	Delete	Trial 5	ASP 5	Factorial	2
Edit	Delete	Trial 6	ASP 6	RBD	2
Edit	Delete	Trial 7	ASP 7	Split Plot	2
Edit	Delete	Trial 8	ASP 8	Strip Plot	2
Edit	Delete	Evaluation of AVT II entries for optimum plant population	ASP 1/11	Split Plot	3

FIGURE: 35 EDIT TRIAL

2. After clicking following form will appear

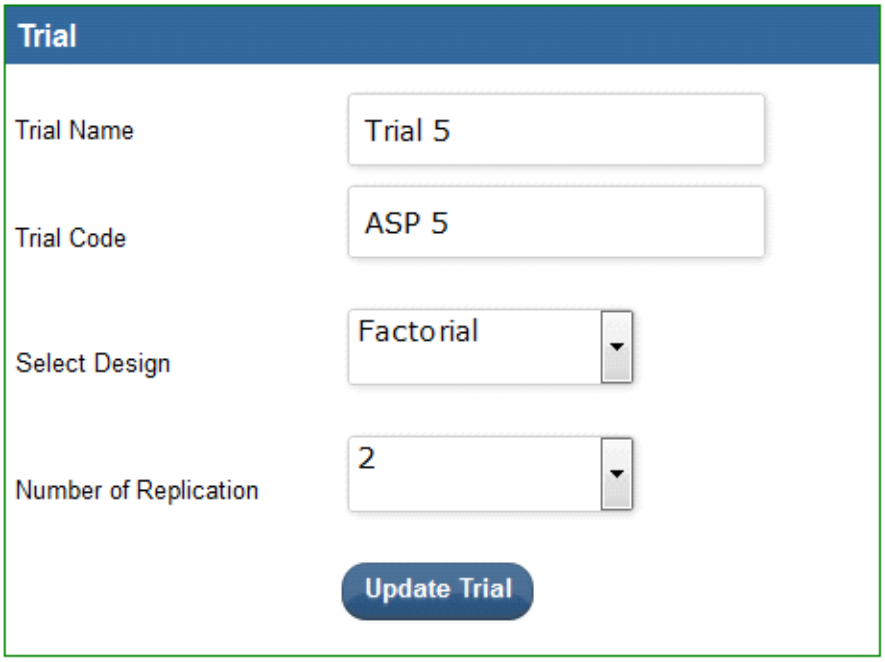
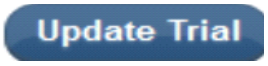


FIGURE: 36 UPDATE TRIAL

3. Enter “Trial Name ” to be updated in the text box
4. Enter “Trial Code” to be updated in the text box
5. Select “Design” from drop down list
6. Select” Number of Replication” from drop down list
7. Click  button.

Steps for Deleting Trial

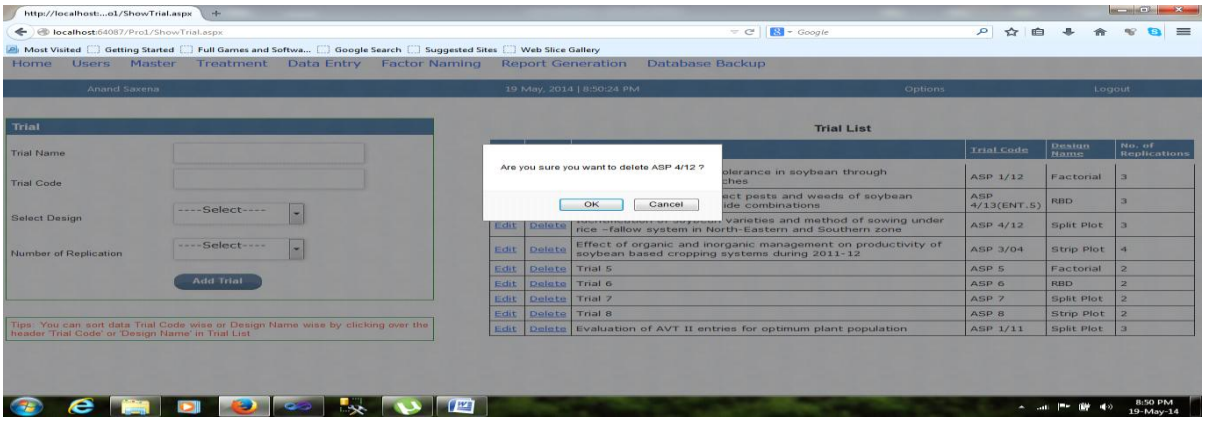


FIGURE 37: DELETE TRIAL

1. Click Delete button to Delete Trial.

2. Select O.K. button to proceed further

3. The Trial name will disappear from the Trial list

GETTING CHARACTER MASTER TABLE READY

Steps for Adding Character

1. Select Master option in the main-menu as in above FIGURE :3
2. Click Character to enter Character information.

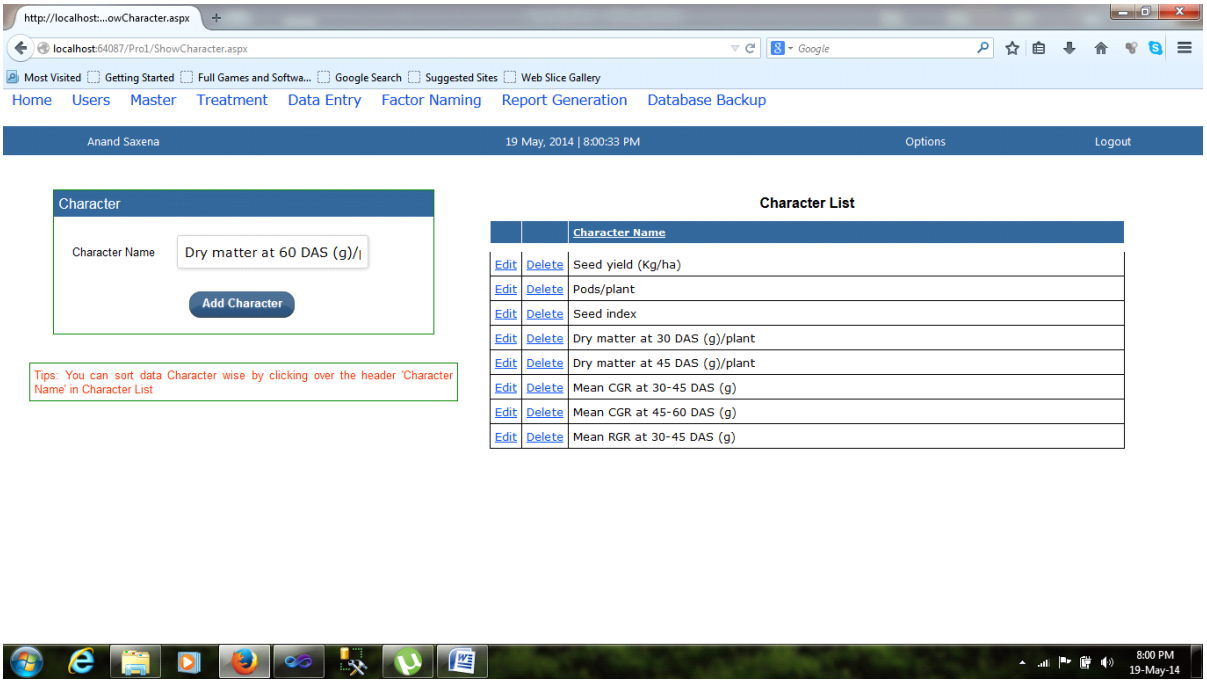


FIGURE 38 ADD CHARACTER

3. In the above form enter Character name in the text box.
4. Click Add Character button.
5. Repeat steps 1 and 2 until all characters are entered in the list.

Steps for Editing Character

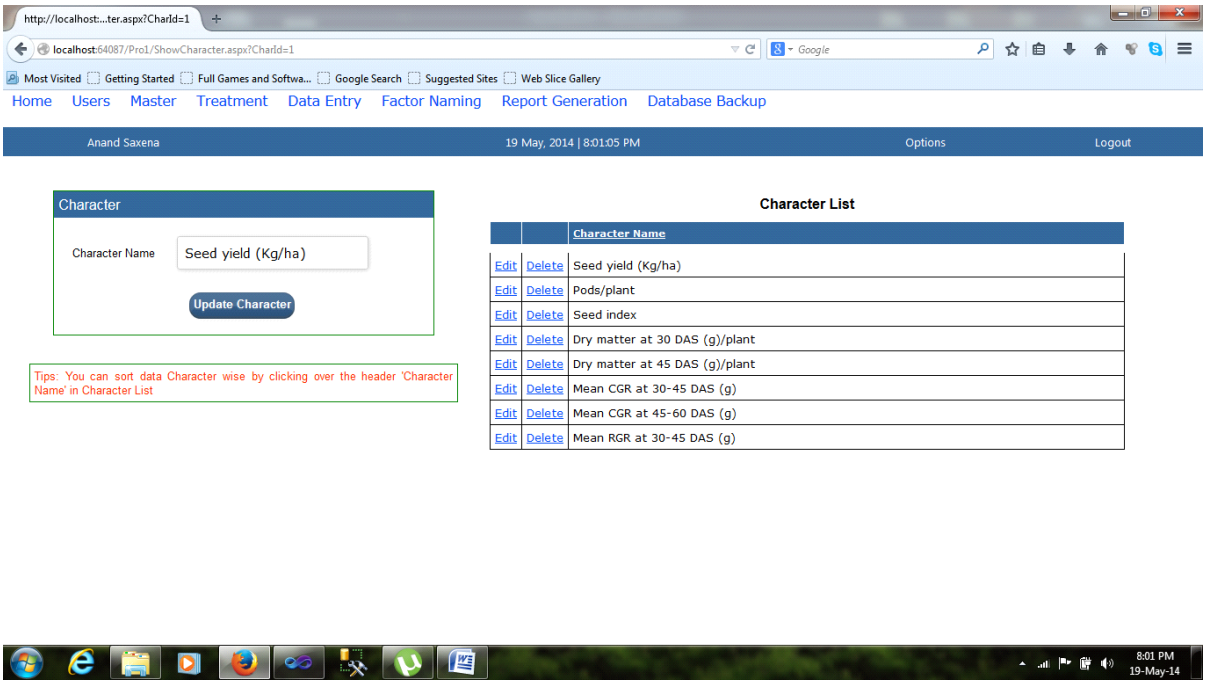


FIGURE : 39 UPDATE CHARACTER

1. Click Master option in the main-menu as in above FIGURE :3
2. Select Edit option
3. Enter “Character Name ” in the text box which is to be updated in the text box
4. Click Update Character button to save the changes.

Steps for Deleting Character

1. Click Delete to Delete Character.

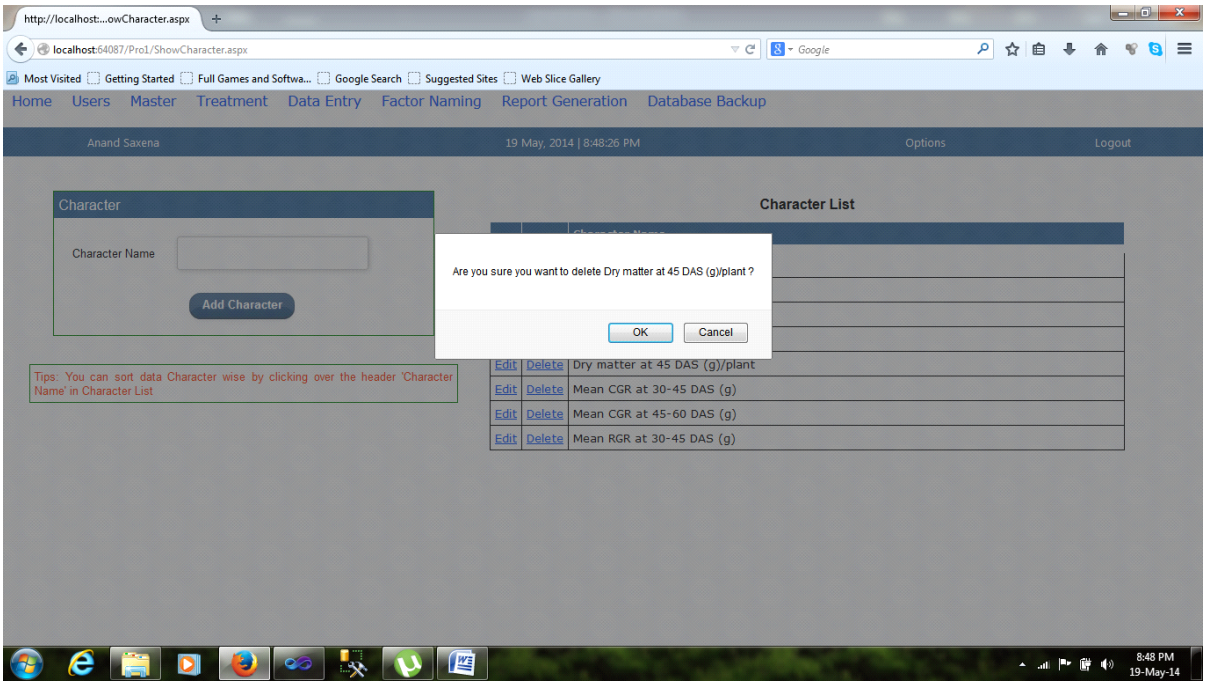


FIGURE :40 DELETE CHARACTER

2. Select O.K button to proceed further.
3. The Character Name will disappear from the Character list.

GETTING LOCATION MASTER TABLE READY

1. Select Master option in the main-menu as shown above in FIGURE :3
2. After this Click Location

Steps for Adding Location

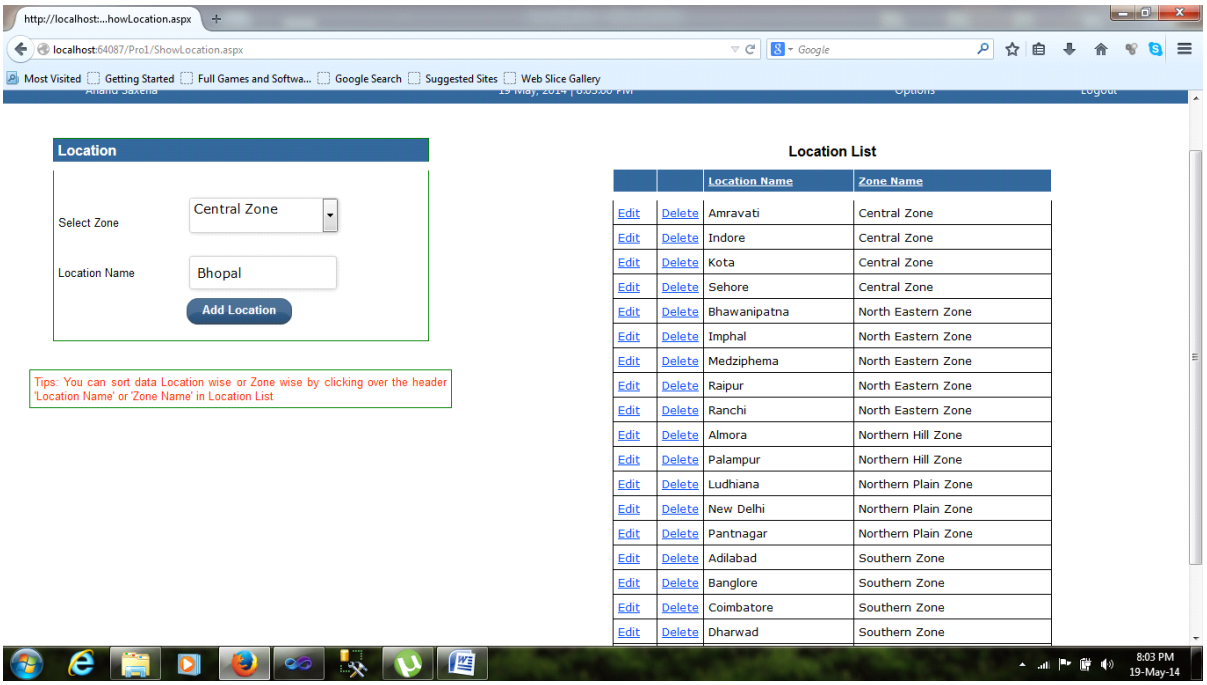


FIGURE: 41 ADD LOCATION

3. Select Location from drop down list to enter Location information.
4. Enter Location name in the given text box.
5. Click on Add Location
6. Entered Location will be automatically added in the list.

7. Repeat steps 4, 5 and 6 until all locations of all zones are entered one after other in the list.

Steps for Editing Location

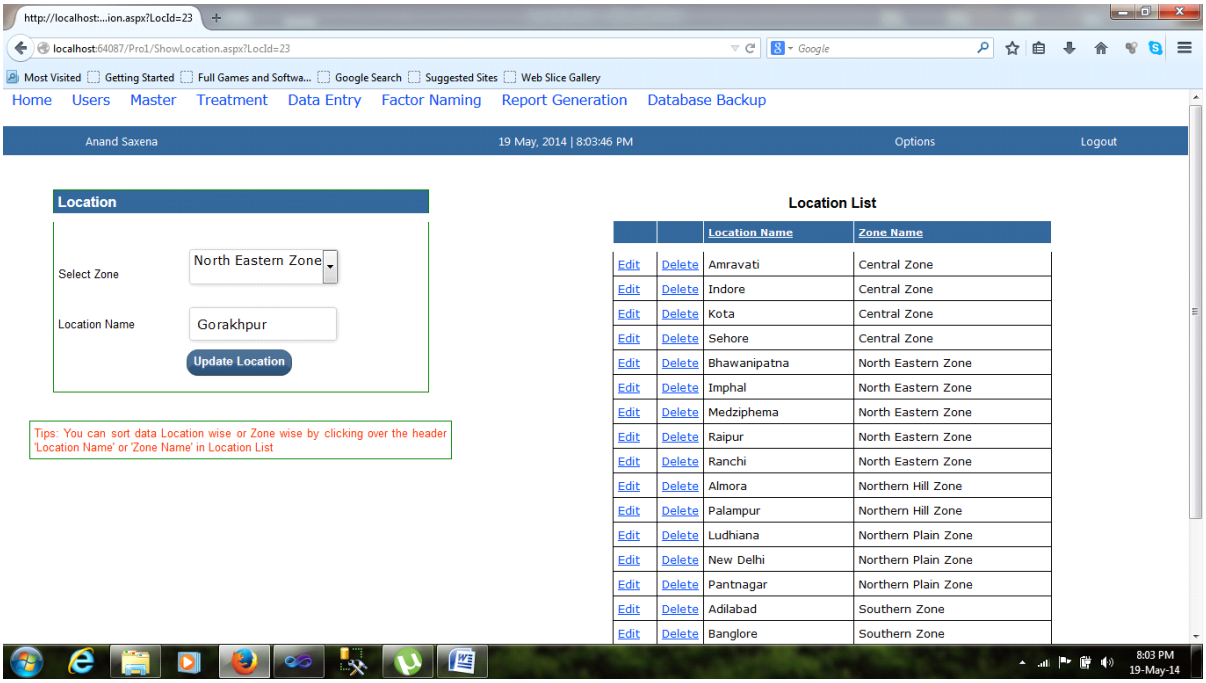


FIGURE : 42 UPDATE LOCATION

1. Click Master option in the main-menu as in above FIGURE :3
2. Following form will appear Click Select | Edit option. Following form will appear

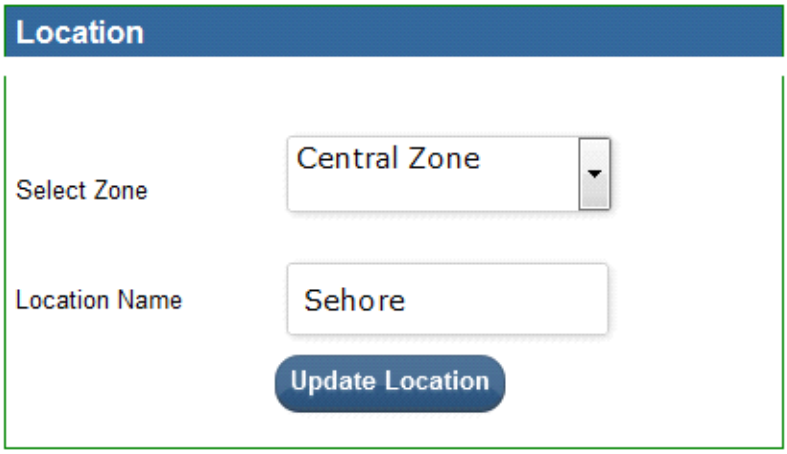


FIGURE :43 UPDATE LOCATION

3. Select “Zone” from drop down lists

4. Enter “Location Name” to be modified in the text box.

5. Click button

Steps for Deleting Location

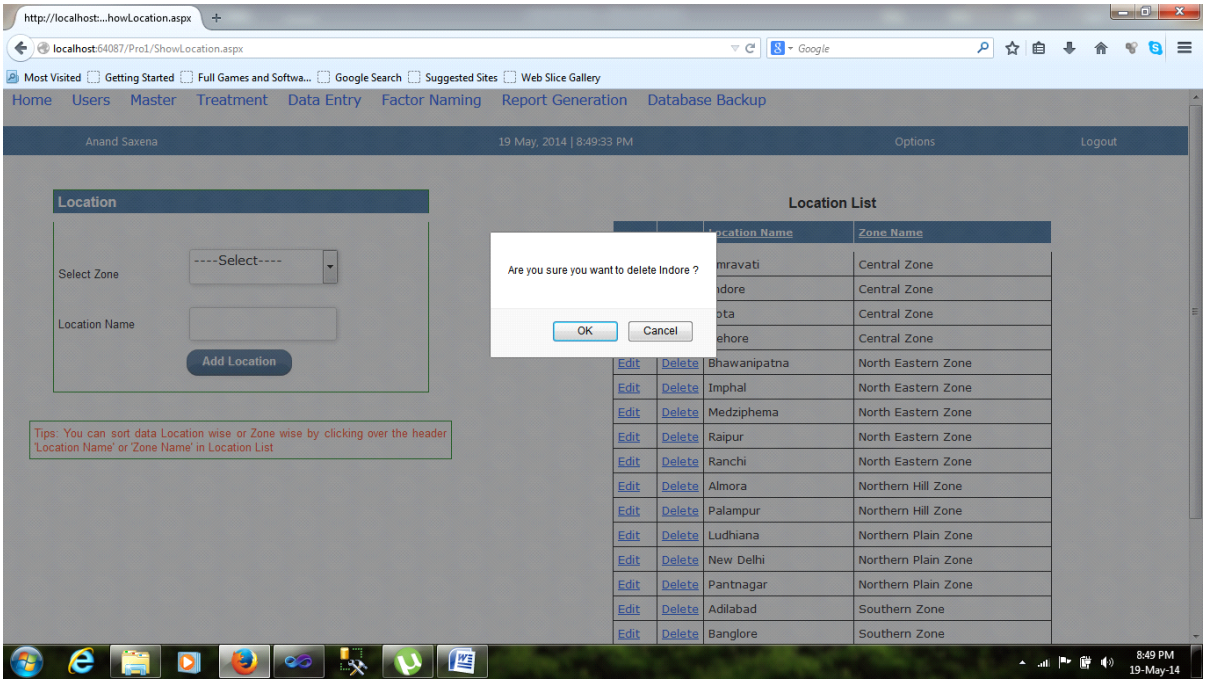


FIGURE : 44 DELETE LOCATION

1. Click Master option in the main-menu as in above FIGURE: 3
2. Select the zone to be deleted from the drop down list.
3. Enter the location name in the text box to be deleted
4. Click Delete button to delete location.
5. The Location name will disappear from the location list

GETTING TREATMENT MASTER TABLE READY

Steps for Adding and Deleting Treatment

1. After selecting treatment from FIGURE :3 following form will appear

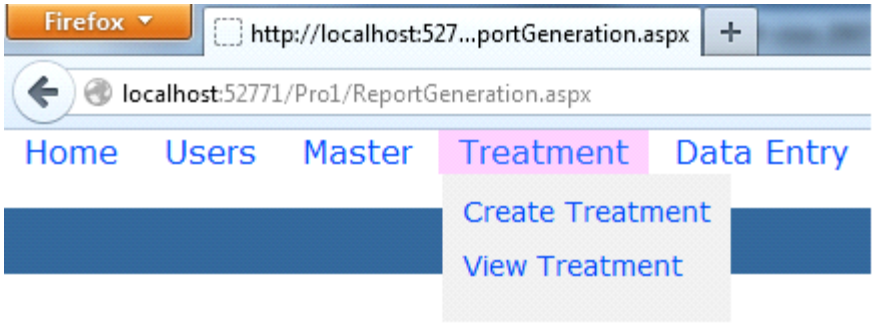
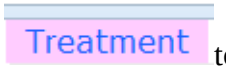


FIGURE : 45 TREATMENT

2. In the above FIGURE: 45 Click on 

to enter Treatment information.

3. After selecting select

4. After selecting

following FIGURE: 46 will appear.

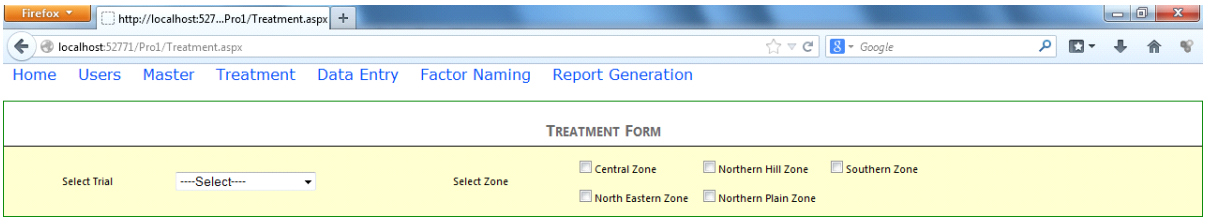


FIGURE : 46 TREATMENT FORM

5. In the above form select “Select Trial “and “Select Zones” from the check boxes.

6. After selecting following form will appear.

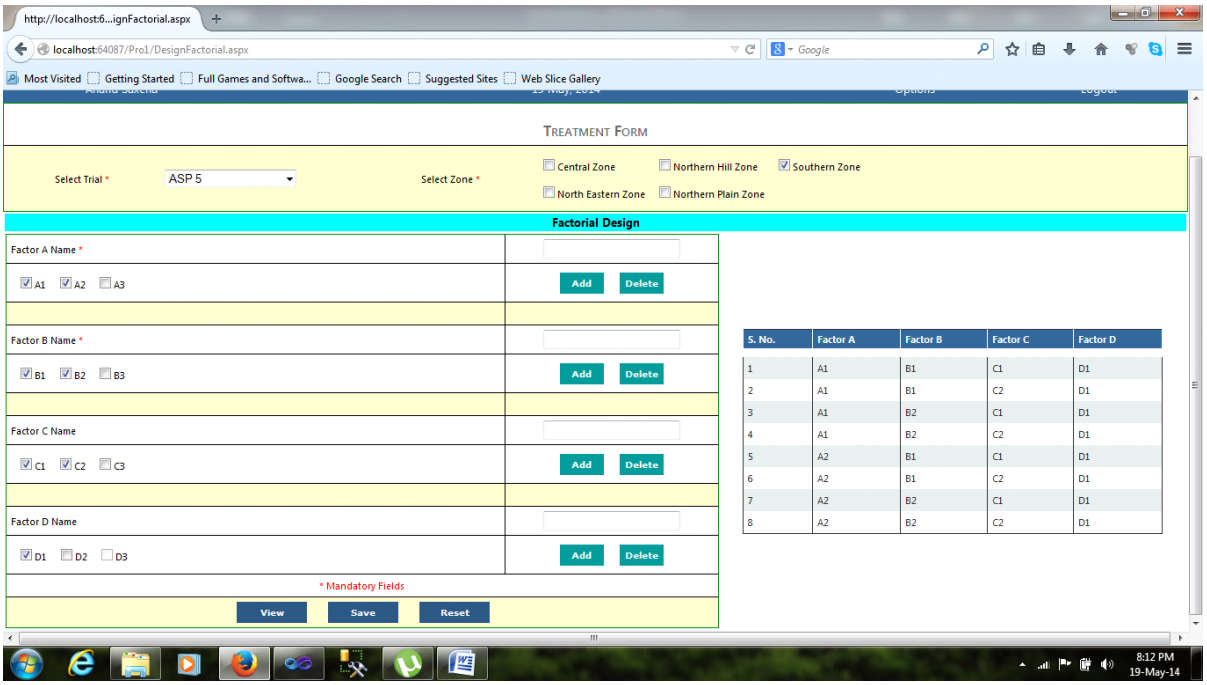


FIGURE: 47 FACTORIAL DESIGN

7. In the above form select factors name

8. Click Add to add the factor name

9. Click Delete to delete the factor name.

Steps to Create Treatment for Factorial Design

1. Select Create Treatment from FIGURE: 40
2. In FIGURE: 42 select Factor Name from Factor A, Factor B, Factor C, Factor D
3. After selecting View following form will appear

S. No.	Factor A	Factor B	Factor C	Factor D
1	A1	B1		
2	A1	B2		
3	A2	B1		
4	A2	B2		

FIGURE: 48 CREATE TREATMENT (FACTORIAL DESIGN)

4. Click Treatment option in the main-menu as in above FIGURE: 3
5. Click on View Treatment option.
6. Select trial name from drop down list.
7. Select zone from drop down list.
8. Click O.K button.
9. Following form will appear after selecting O.K.

Steps to Create Treatment for Random Block Design

1. Select Create Treatment from FIGURE :40

2. Select "Select Trial "and "Select Zones" from the check boxes. as shown below

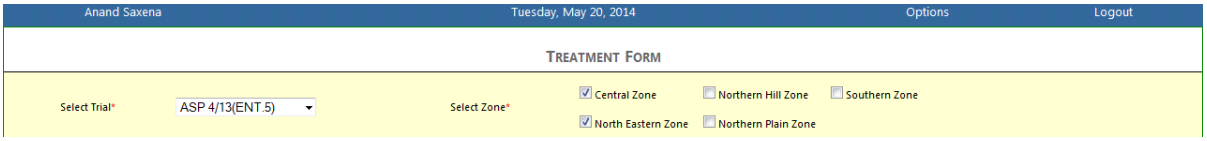


FIGURE:49 TREATMENT FORM

3. Select Trial from drop down lists and Zone. After selecting following form will appear

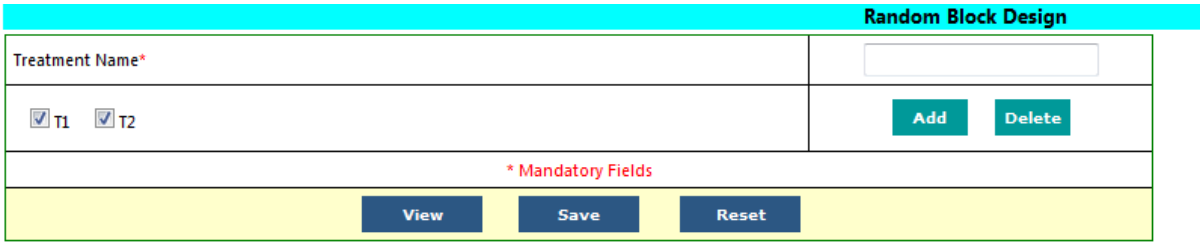
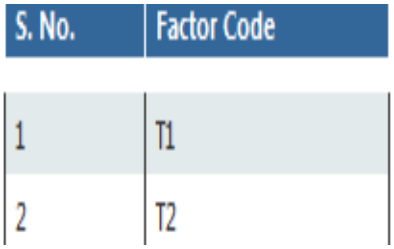


FIGURE: 50 RANDOM BLOCK DESIGN

4. Select "Treatment Name" as shown above and click View . After selecting following form will appear

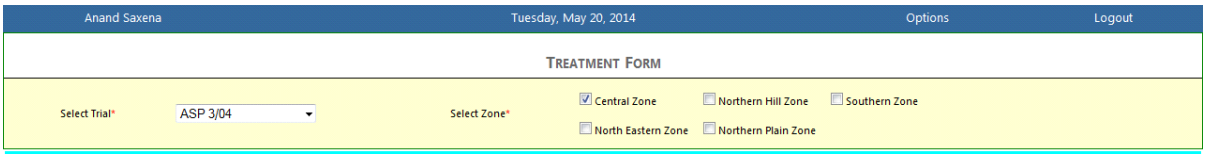


S. No.	Factor Code
1	T1
2	T2

FIGURE: 51 CREATE TREATMENT (RBD DESIGN)

Steps to Create Treatment for Strip Plot Design

1. Select "Select Trial "and "Select Zones" from the check boxes. As shown below.



2. After selecting following form will appear .Select Horizontal Factor, Vertical Factor.

FIGURE: 52 STRIP PLOT DESIGN

3. Select View .After selecting following form will appear. As shown below

S. No.	Horizontal	Vertical
1	H1	V1
2	H1	V2
3	H2	V1
4	H2	V2

FIGURE: 53 TREATMENT (STRIP PLOT DESIGN)

Steps to Create Treatment for Split Plot Design

There are three variations in Split Plot Design

- ***Variation:General***

1. Select "Select Trial", "Select Zones" and "Variation" from the check boxes. As shown below.

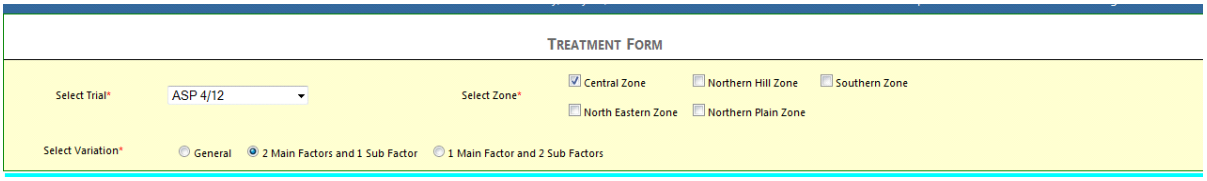


FIGURE: 55 TREATMENT (STRIP PLOT DESIGN (I))

2. After selecting following form will appear as shown below

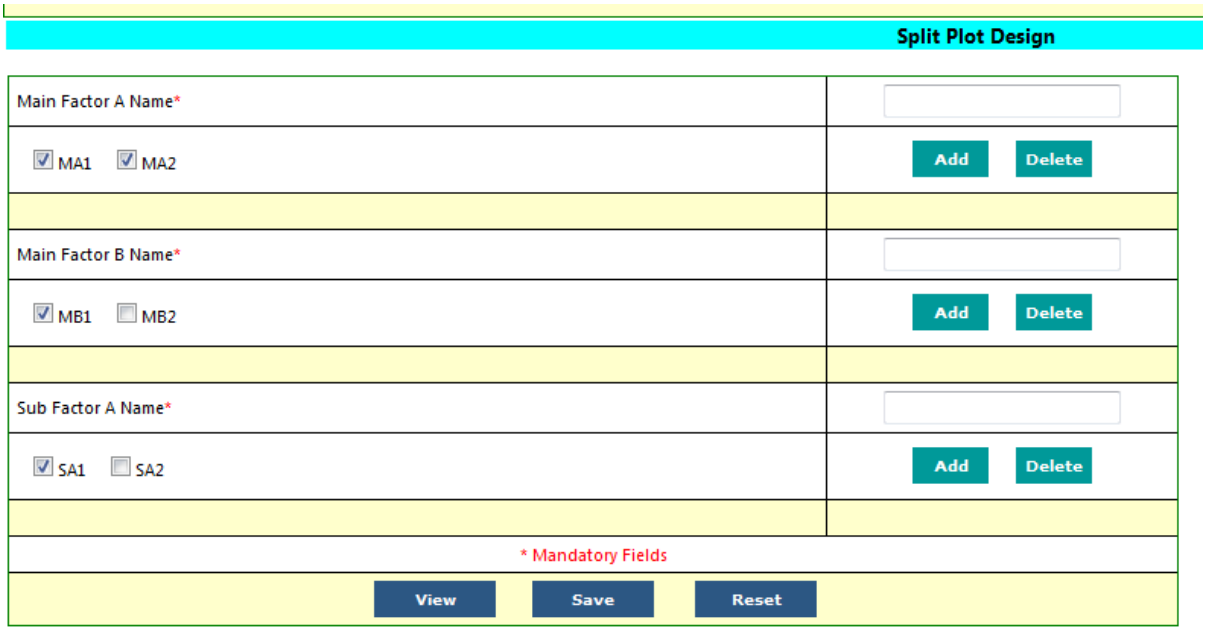


FIGURE: 56 TREATMENT (STRIP PLOT DESIGN (I))

3. In the above form select "Main Factor A" , "Main Factor B" and Sub Factor A

4. Select View .After selecting following form will appear. As shown below

S. No.	Main Factor A	Main Factor B	Sub Factor
1	MA1	MB1	SA1
2	MA2	MB1	SA1

FIGURE: 57 TREATMENT (STRIP PLOT DESIGN (I))

- ***Variation :2 Main Factor 1 Sub Factor***

1. Select "Select Trial ", "Select Zones" and "Variation" from the check boxes. as shown below.

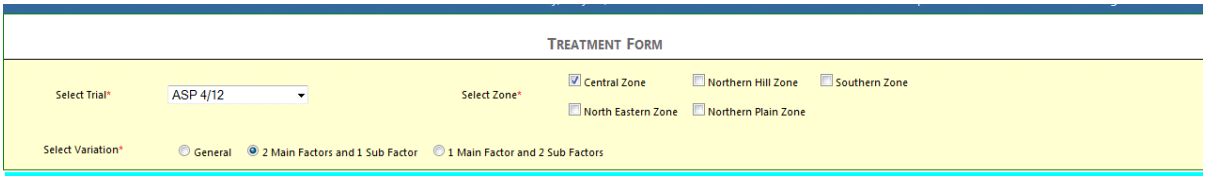


FIGURE: 58 TREATMENT (STRIP PLOT DESIGN (II))

2. After selecting following form will appear as shown below

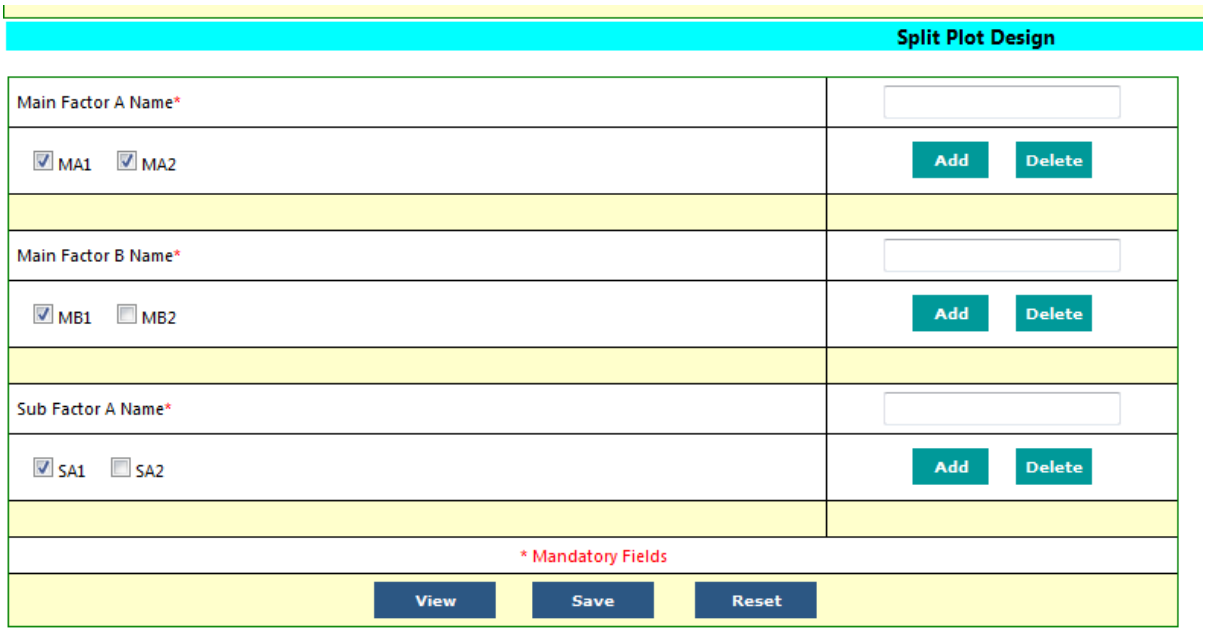


FIGURE: 59 TREATMENTS (STRIP PLOT DESIGN (I))

3. In the above form select “Main Factor A” , “Main Factor B” and Sub Factor A
4. Select View .After selecting following form will appear. As shown below

S. No.	Main Factor A	Main Factor B	Sub Factor
1	MA1	MB1	SA1
2	MA2	MB1	SA1

FIGURE: 60 TREATMENT (STRIP PLOT DESIGN (I))

- ***Variation :1 Main Factor 2 Sub Factor***

1. Select “Select Trial “, “Select Zones” and “Variation” from the check boxes. As shown below.

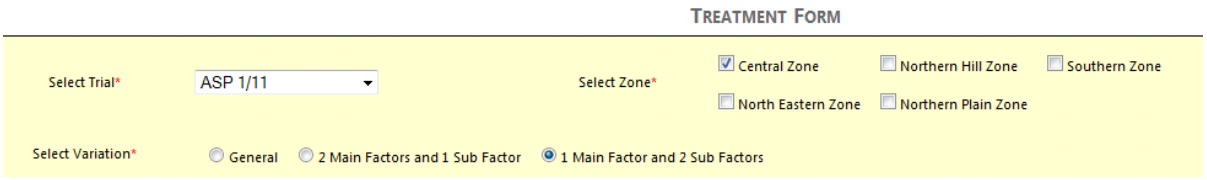


FIGURE: 61 TREATMENT (STRIP PLOT DESIGN (II))

2. After selecting following form will appear as shown below

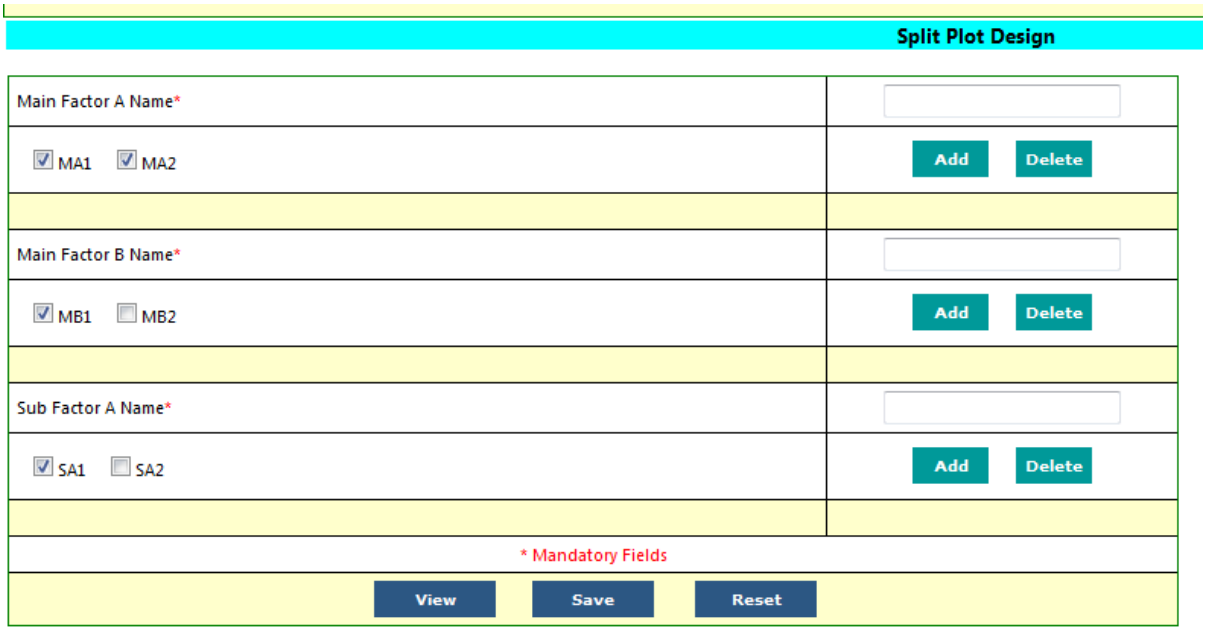


FIGURE: 62 TREATMENT (STRIP PLOT DESIGN (I))

3. In the above form select “Main Factor A”, “Main Factor B” and Sub Factor A
4. Select View .After selecting following form will appear. As shown below

S. No.	Main Factor A	Main Factor B	Sub Factor
1	MA1	MB1	SA1
2	MA2	MB1	SA1

5.

FIGURE: 63 TREATMENT (STRIP PLOT DESIGN (II))

Steps for Deleting Treatment

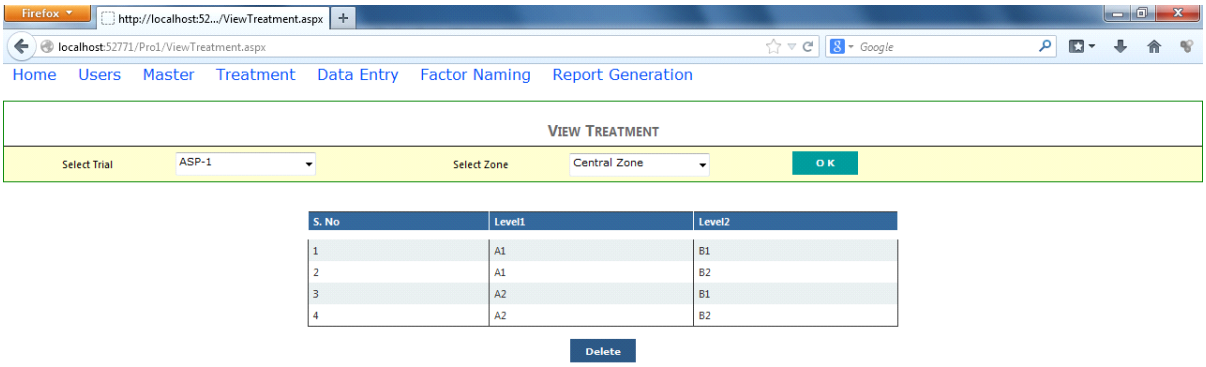


FIGURE: 64 DELETE TREATMENT

1. Select View Treatment
2. Select the Treatment name to be deleted from the entered Treatment-list.
3. Click “Delete” button to Delete Character.
4. The Treatment name will disappear from the Treatment list.

USER GUIDELINES FOR DATA-ENTRY

Steps for entering AICRPS Agronomy Trial data

1. Data entry User should login using the Login window provided above in FIGURE :1
2. Enter user name and password in the FIGURE:l .Click sign to proceed further
3. After selecting sign in following data entry form will open.
4. Select data entry from the above form.
5. Select main data from above window.
6. After selecting main data following form will appear.

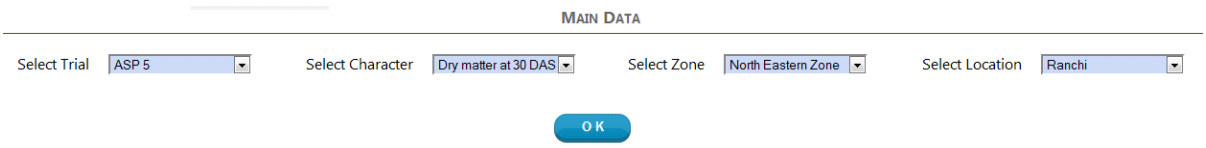


FIGURE :65 MAIN DATA

7. In the above mentioned form select trial, character and location and Click O.K to proceed further.

8. After selecting O.K following options will appear will appear

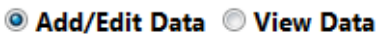


FIGURE: 66 ADD DATA

9. Select any one option on the basis of your choice adds or view data

10. Select Add /View Data

(i).Select “Replication” from dropdown list

(ii).Click on “Go”

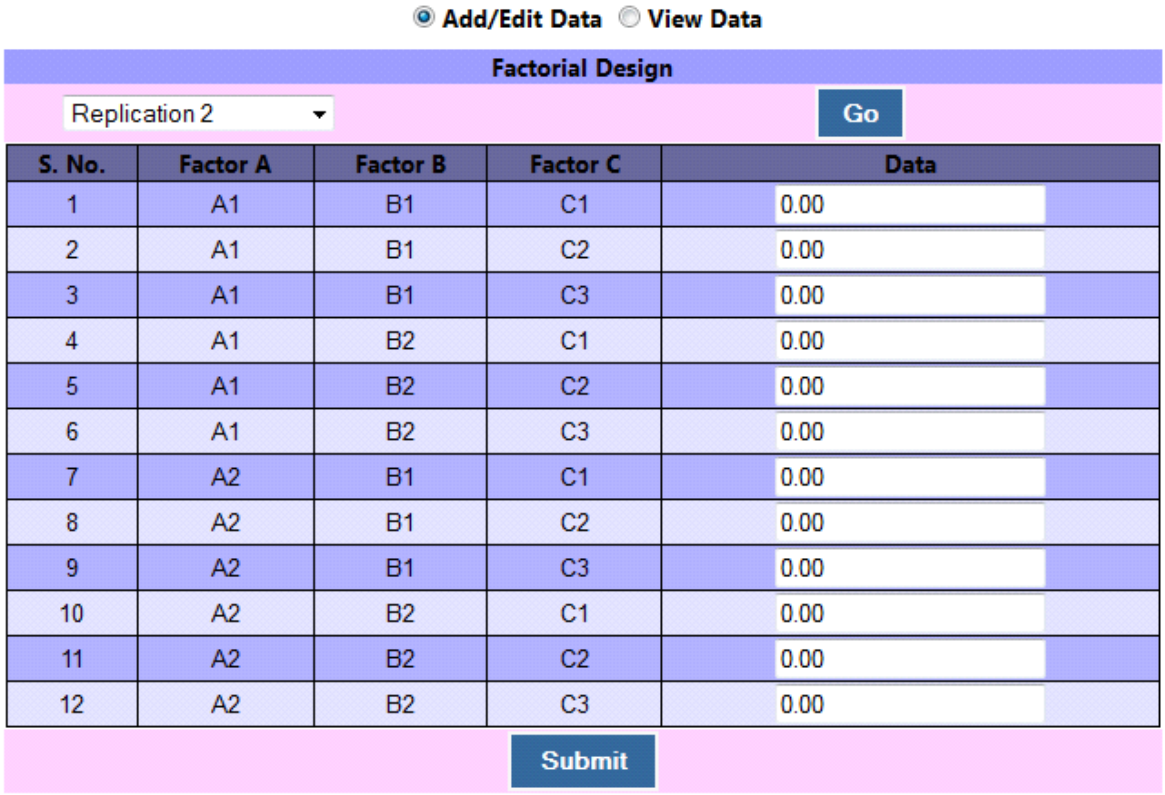


FIGURE : 67 FACTORIAL DESIGN

USER GUIDELINES FOR AICRPS SYSTEM ADMISTRATOR

***Steps for creating different users and giving appropriate authorization*.**

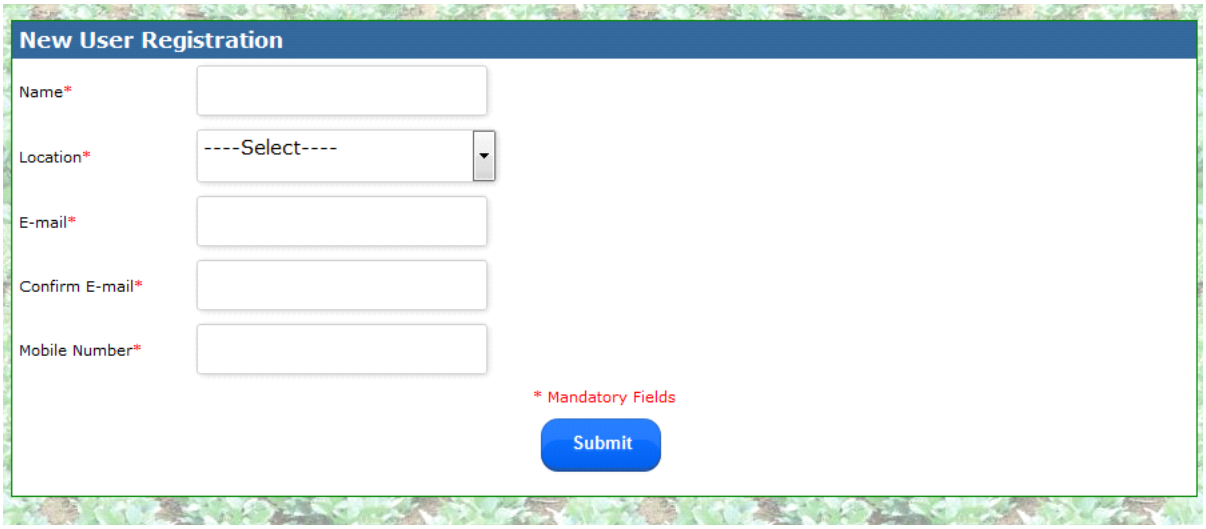


FIGURE : 68 NEW USER REGISTRATION

1. Enter the Name, AIRCPS center, email id, and confirm email id mobile number in the above form. (All fields are mandatory).

2. Click submit button.

3. After submitting the above form super admin will grant user id and passwords to the authentic users. Super admin will email user id and passwords to the data entry operators.

Steps for Deleting/Editing existing users

1. After selecting users from above FIGURE :1 following window will appear

2. This form contains the complete information of registered users.

FIGURE: 69 EDIT USER

Steps to Delete User

1. In the above FIGURE (31) click delete user.

2. After selecting following form will appear.

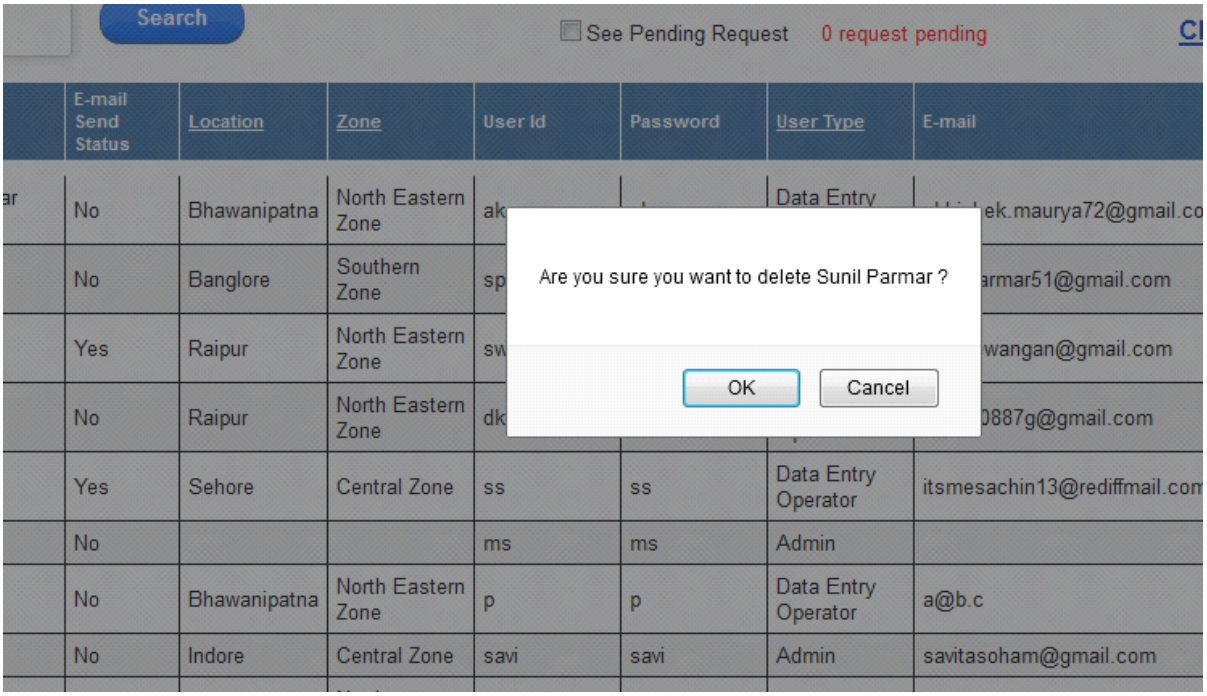


FIGURE :70 DELETE USER

3 Click O.K button to delete the user information.

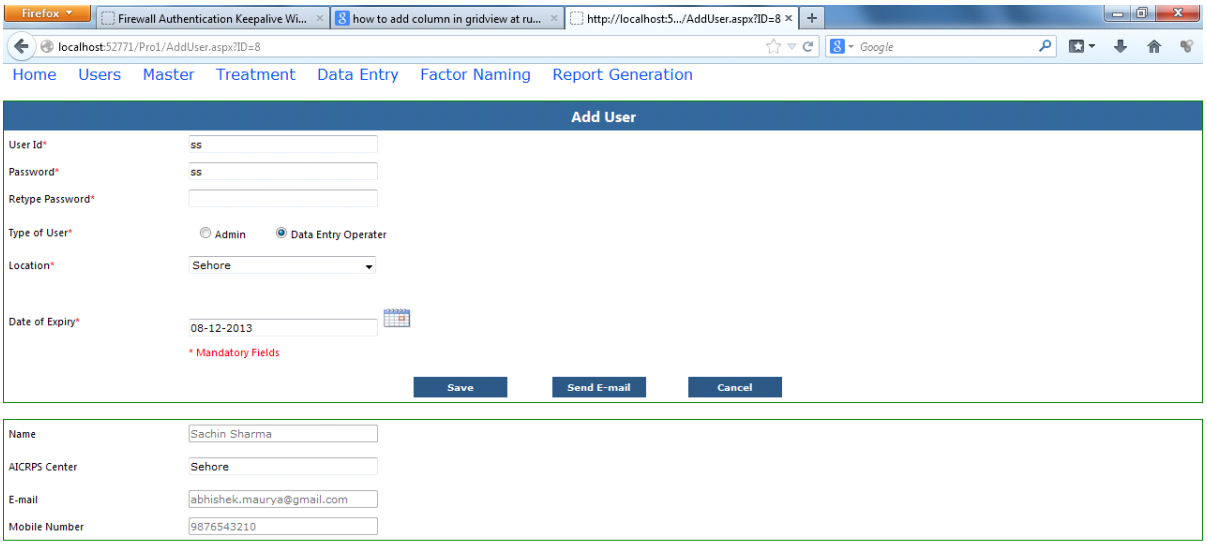


FIGURE : 71 ADD USER MAIN DATA

4. In the above form click the "User" option in the main menu.

Steps for Changing Password of Existing Users

1. Click the "User" option
2. If you have forgotten your password then click forgot password for changing password of existing user, click the "Change Password" option in the sub-menu.
3. Following form will open.

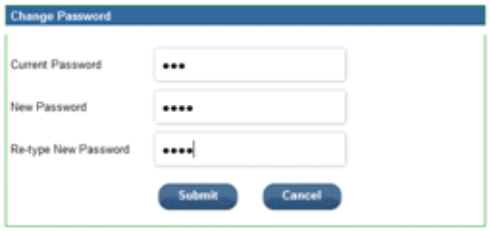


FIGURE :72 CHANGER USER ID PASSWORD

4. Enter your current password in the appropriate text boxes.
5. Enter your new password
6. Confirm your new password
7. Click "Submit" button to change the password

Steps for Report Generation

1. In FIGURE: 3 Click on “Report Generation”

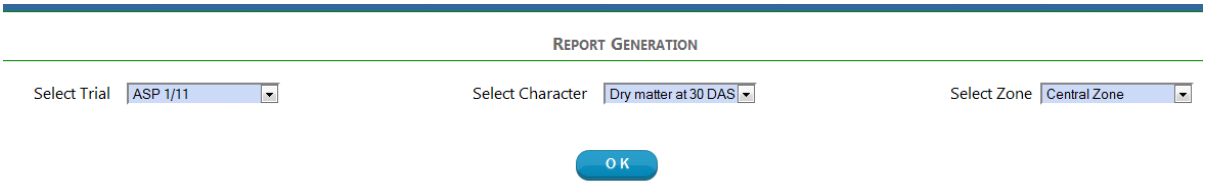


FIGURE : 73 REPORT GENERATION(I)

2. Select appropriate Trial from drop down list.
3. Select appropriate Character from drop down list.
4. Select appropriate zone from drop down list.
5. Click O.k. After Selecting O.K following form will appear

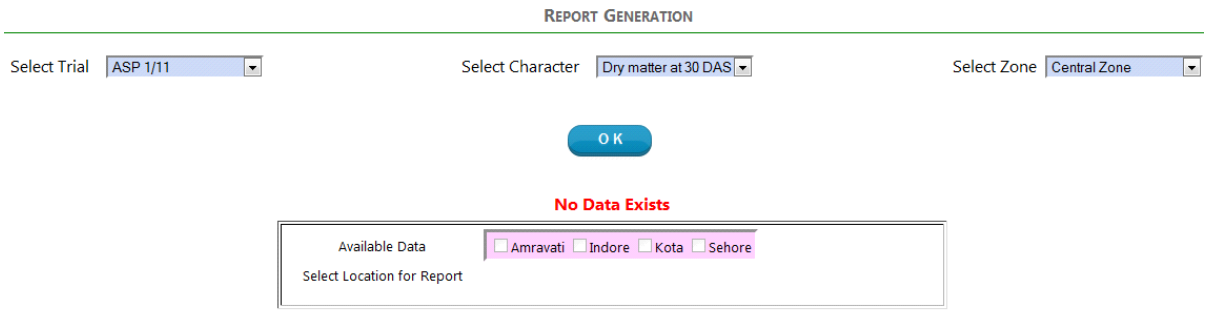


FIGURE : 74 REPORT GENERATION(II)

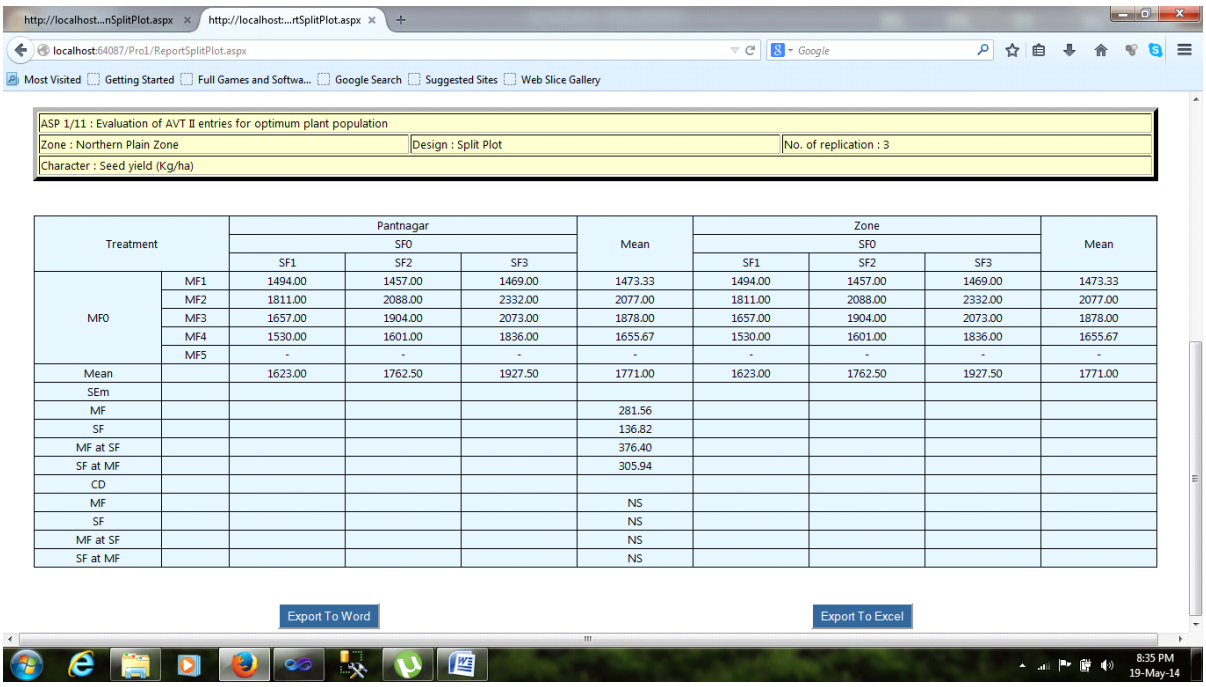
6. Select Available Location.

7. Select Precision

8. Select Report Format as Factor Code

9. Click On "Generate Report"

10. After selectingO.K following form will appear



ASP 1/11 : Evaluation of AVT II entries for optimum plant population

Zone : Northern Plain Zone | Design : Split Plot | No. of replication : 3

Character : Seed yield (Kg/ha)

Treatment		Pantnagar			Mean	Zone			Mean
		SF0				SF0			
		SF1	SF2	SF3		SF1	SF2	SF3	
MF0	MF1	1494.00	1457.00	1469.00	1473.33	1494.00	1457.00	1469.00	1473.33
	MF2	1811.00	2088.00	2332.00	2077.00	1811.00	2088.00	2332.00	2077.00
	MF3	1657.00	1904.00	2073.00	1878.00	1657.00	1904.00	2073.00	1878.00
	MF4	1530.00	1601.00	1836.00	1655.67	1530.00	1601.00	1836.00	1655.67
	MF5	-	-	-	-	-	-	-	-
Mean		1623.00	1762.50	1927.50	1771.00	1623.00	1762.50	1927.50	1771.00
SEm									
MF					281.56				
SF					136.82				
MF at SF					376.40				
SF at MF					305.94				
CD									
MF					NS				
SF					NS				
MF at SF					NS				
SF at MF					NS				

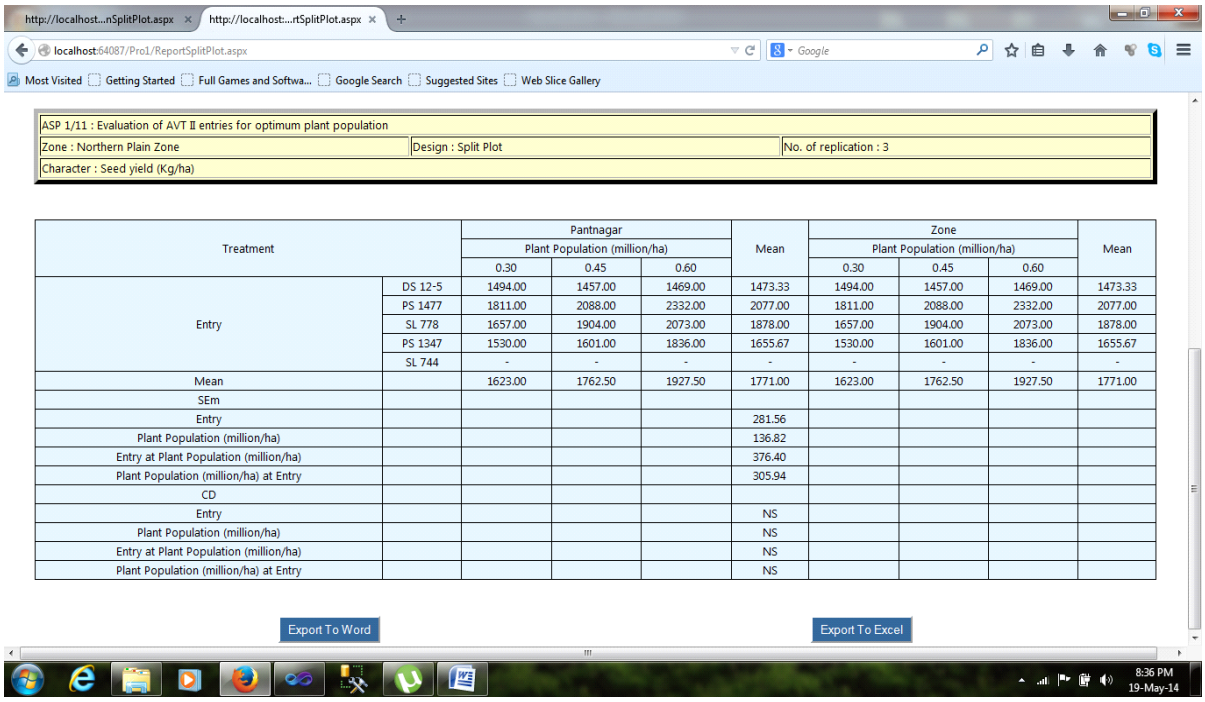
Export To Word | Export To Excel

FIGURE :75 REPORT GENERATION(III)

11. In FIGURE(80) if Report Format is selected as Factor Name

12. Click On "Generate Report"

13. After selecting O.K following form will appear



Treatment		Pantnagar			Mean	Zone			Mean
		Plant Population (million/ha)				Plant Population (million/ha)			
		0.30	0.45	0.60		0.30	0.45	0.60	
Entry	DS 12-5	1494.00	1457.00	1469.00	1473.33	1494.00	1457.00	1469.00	1473.33
	PS 1477	1811.00	2088.00	2332.00	2077.00	1811.00	2088.00	2332.00	2077.00
	SL 778	1657.00	1904.00	2073.00	1878.00	1657.00	1904.00	2073.00	1878.00
	PS 1347	1530.00	1601.00	1836.00	1655.67	1530.00	1601.00	1836.00	1655.67
	SL 744	-	-	-	-	-	-	-	-
Mean		1623.00	1762.50	1927.50	1771.00	1623.00	1762.50	1927.50	1771.00
SEm									
Entry					281.56				
Plant Population (million/ha)					136.82				
Entry at Plant Population (million/ha)					376.40				
Plant Population (million/ha) at Entry					305.94				
CD									
Entry					NS				
Plant Population (million/ha)					NS				
Entry at Plant Population (million/ha)					NS				
Plant Population (million/ha) at Entry					NS				

FIGURE : 76 REPORT GENERATION(IV)

Steps For Factor Naming

1. Click on Factor as shown in FIGURE
2. After selecting following window will appear.

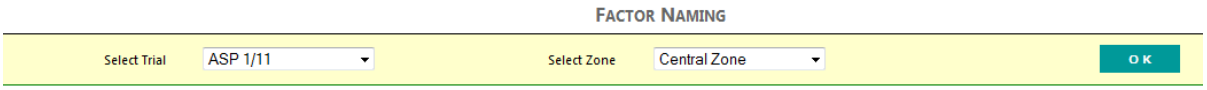


FIGURE: 77 FACTOR NAME(I)

3. Select Trial From Drop down lists
4. Select Zone From Drop down lists
5. After selecting O.K. Following form will appear.

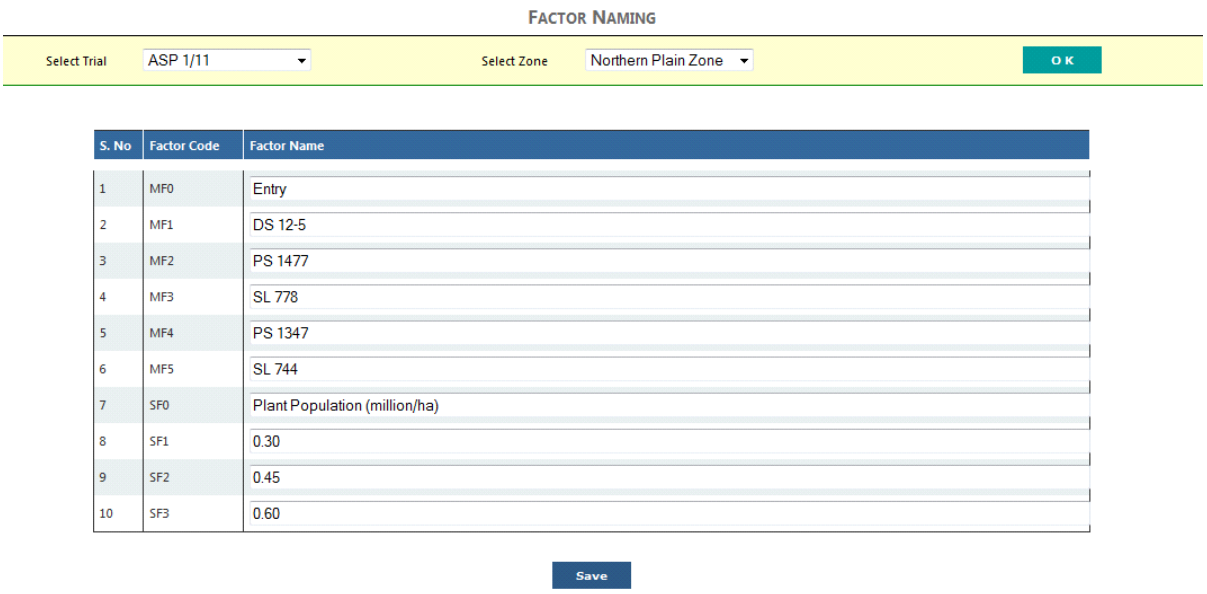


FIGURE: 78 FACTOR NAME(II)

6. Click On "Save" to save the file

Steps For Data Entry

1. In FIGURE Select Footer Data Entry

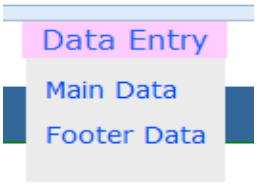


FIGURE: 79 DATA ENTRY SUBMENU

2. After Selecting Footer Data Entry window will appear.

3. Select "Trial" From Drop down lists.

4. Select "Character" From Drop down lists.

5. Select "Zone" From Drop down lists.

6. Select "Location" From Drop down lists.

7. Click O.K.

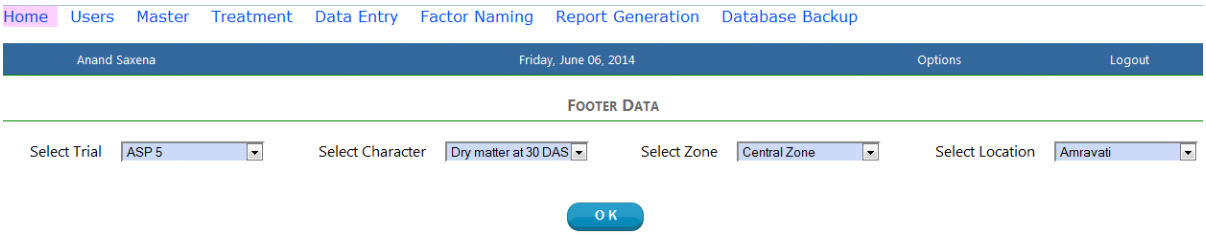


FIGURE: 80 FOOTER DATA (I)

8. After selecting O.K following form will appear

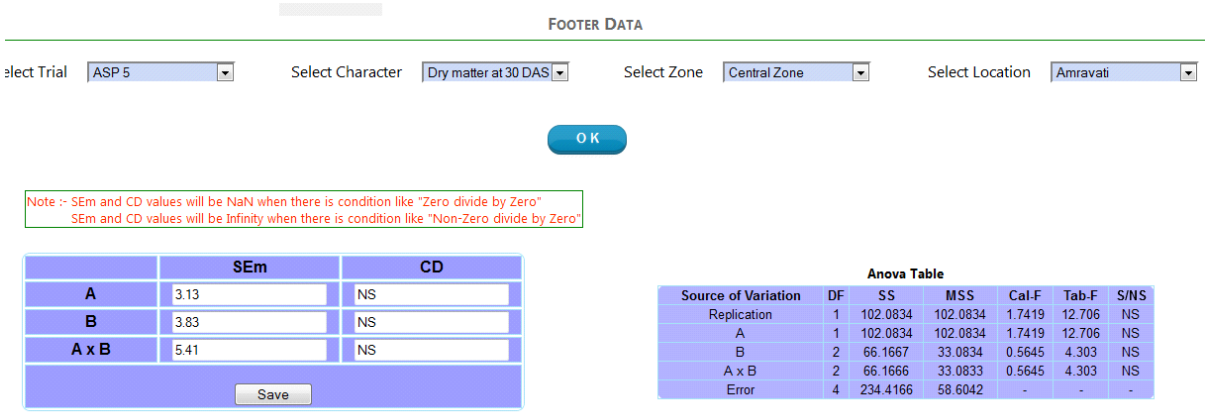


FIGURE: 81 FOOTER DATA (II)

- **Steps to Download Templates**

1. Click on “Download Templates” as shown above in FIGURE: 1

2. After selecting “Download Templates” following form will appear.

FIGURE 83 DOWNLOAD TEMPLATE

3. After Selecting Amravati Proforma-AICRPS 2013.doc following form will appear as shown below

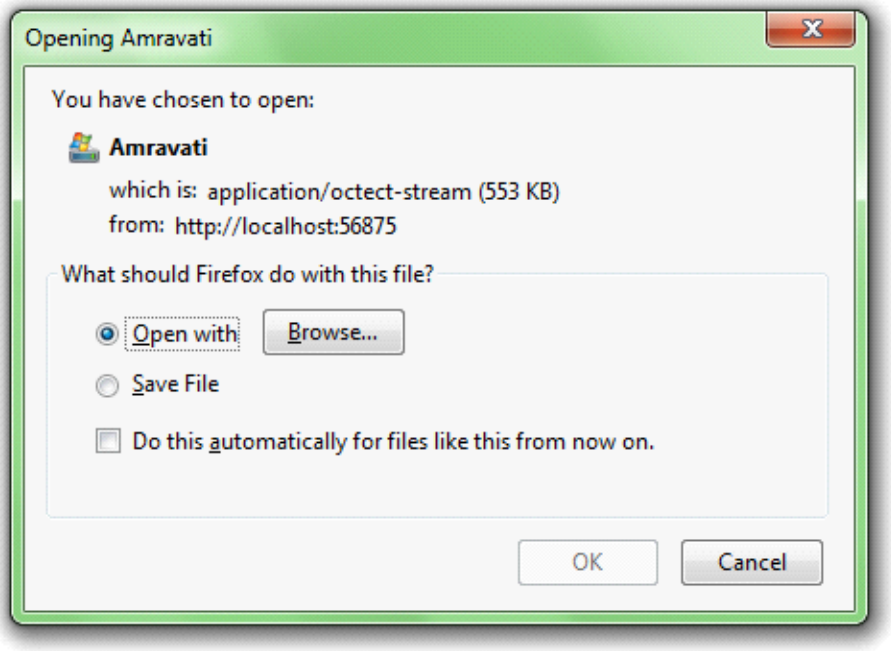


FIGURE 84 SAVE TEMPLATE

4. Select "Open with" to open file.
5. Select "Save" to save the file on your system.
6. After Selecting
   Amravati Constraints Schedule data entry format 1 RRC-Amravati.xls
   following form will appear as shown below.

Note: Similarly other links as shown above in FIGURE : 83 will open same as

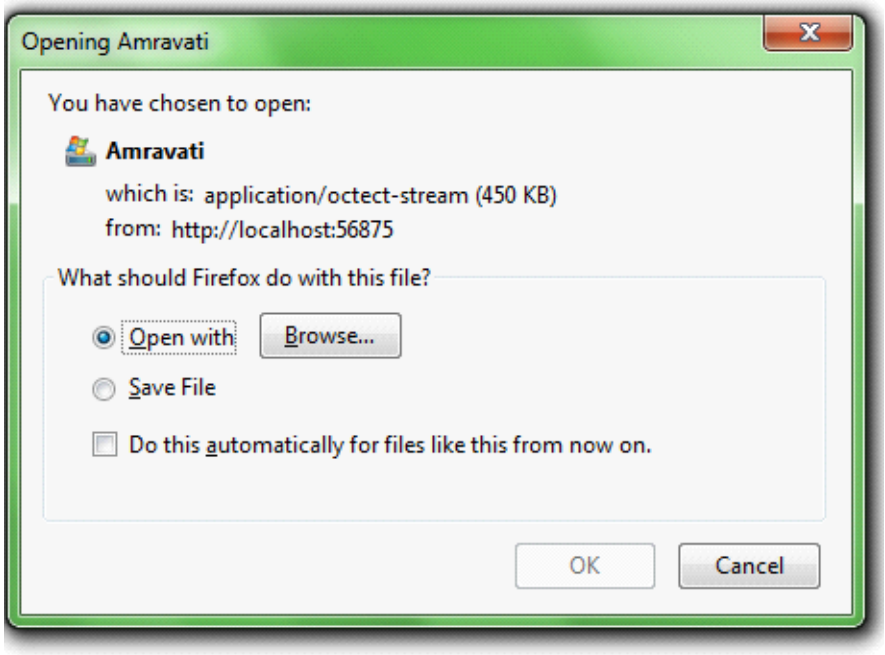


FIGURE 85 OPEN SAVE TEMPLATE