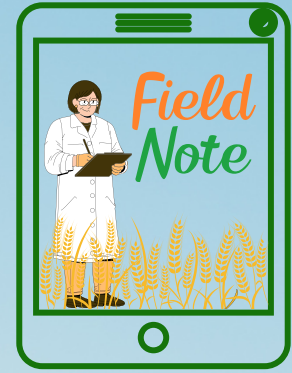# Field Note
Documentation

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Field Note App

Welcome to

Field Note

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Field Note

Preface

We are thrilled to introduce you to our cutting-edge digital agriculture research data recording application. Whether you're a scientist, researcher, or student, our platform is designed to simplify and streamline your data collection process.

With our user-friendly interface, you can effortlessly create experiments, record observations, and manage your data in just a few clicks. No more tedious paperwork or manual data entry – Field Note empowers you to capture crucial information directly from the field, ensuring accuracy and efficiency.

Once your data is collected, exporting it to Excel format is a breeze. Seamlessly generate comprehensive reports and analyze your findings with ease, all within a familiar and versatile format.

At Field Note, we understand the importance of accessible and organized data. That's why we've developed a system that enables you to effortlessly view and download your recorded data whenever you need it. Stay organized and maintain a clear overview of your research progress with our intuitive data management tools.

Happy researching!

The Field Note Team
Dr Nitesh S D
Dr Jorben J

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Field Note

Create New Account and Login

Welcome to Field Note v 1.0.0

Field Note is a cutting-edge digital platform designed for researchers and scientists to collect crop experimental data in the field. Our platform is specifically designed to streamline data collection, organization, and analysis, helping researchers to save time and increase the accuracy of their data. Field Note can be your powerful tool that can help researchers to collect high-quality data with ease.

CREATE NEW ACCOUNT   **LOGIN**

| Log In | Register |

Your Name

WhatsApp Number

Your Email

Institute / University

Designation

Enter Password

Register

| Log In | Register |

Welcome back to Field Note

Your Email ID / Mobile Number

Enter Password

Log In

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Field Note

Create New Experiment

Create New Experiment

Experiments Code

FieldNote_ExpID25853

Experiments Name

Characterization of Germplasm

Treatment

8

Replication

3

Upload Treatment Names Excel File

Choose File | TreatName.xlsx

To facilitate the data collection process, please download the sample Excel file provided for your reference. This file contains the names of the treatments and will serve as a guide for creating your own experiment names files for ease in selecting treatment for recording observation.

Download Sample Excel File

Submit Cancel

Experiment Name

Total Number of Treatment **or** Experimental Plots

Total Number of Replication

Download the sample Excel File
help you prepare your Treatment Name

	A
1	**TreatmentName**
2	Geno-1
3	Geno-2
4	Geno-3
5	Geno-4
6	Geno-5
7	Geno-6
8	Geno-7
9	Geno-8

Excel File containing the Treatment Names
(Just for your reference)

XLS **Upload only Excel File**

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Field Note

Create New Observation

Field Note

Welcome
Dr Nitesh S D

MAIN NAVIGATION

- Dashboard
- Experiments
- Observations
- Logout

Create New Observation

Experiments Name

Select the Experiment Name

Observation Name

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Select Observation Type

Total Number of Observations per Treatment and Replication

Submit   Cancel

Select the Experiment
from the Dropdown

Name of the Observation

Select the
Observation Type
from the Dropdown

Number of observations / plants to be
recorded per treatment and replication

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Field Note

Create New Observation

NUMERIC TYPE
Suitable for parameters containing values in decimal numbers like height, weight, etc

Experiments Name

Characterization of Germplasm

Observation Name

Plant Height

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Numeric

Total Number of Observations per Treatment and Replication

3

Submit Cancel

Experiments Name

Characterization of Germplasm

Observation Name

Number of Seeds per pod

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Count

Total Number of Observations per Treatment and Replication

3

Submit Cancel

COUNT TYPE
Suitable for parameters containing whole numbers like the counts

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Field Note

Create New Observation

CATEGORY TYPE

Suitable for parameters containing values in pre-defined category for Qualitative Character

Experiments Name

Characterization of Germplasm

Observation Name

Seed Texture

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Category

Total Number of Observations per Treatment and Replication

1

Observation Category (Comma Separated)

Smooth, Rough, Wrinkled

Submit   Cancel

Observation Type

Category

Total Number of Observations per Treatment and Replication

1

Observation Category (Comma Separated)

Smooth, Rough, Wrinkled

Submit   Cancel

To create **Categories,**
Use the **comma** (**,**) **as a separator** for each category type to get the following output in the Data record window

Select the Observation Name

Seed Texture

Observation 1

Smooth
Rough
Wrinkled

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Field Note

Create New Observation

PERCENTAGE TYPE

Suitable for parameters expressed in the percentage values like lodging, germination etc

Experiments Name

Characterization of Germplasm

Observation Name

Plant Stand Percentage

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Percentage

Total Number of Observations per Treatment and Replication

1

Submit Cancel

Experiments Name

Characterization of Germplasm

Observation Name

Days to Flowering

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Date

Total Number of Observations per Treatment and Replication

1

Submit Cancel

DATE TYPE

Suitable for time-based parameters like the days to flowering, maturity etc.

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Score Type Suitable for parameters containing standard scoring for Disease Score, Insect Damage etc

Experiments Name

Characterization of Germplasm

Observation Name

Ascochyta Blight

Observation Type
- **Numeric** - Parameter which contains the number with decimal values like 25.69, 23.56 etc.
- **Count** - Parameter which contains the whole number like 10, 15, 25 etc.
- **Category** - Qualitative Parameters like Color, Texture, etc.
- **Percentage** - Paramters whos observation are collected in the percentage format - 60%, 30%, 42% etc.
- **Date** - Parameters in which date as an input like for date for flowering, maturity, etc.
- **Score** - Measurement in terms of Standard Score Data - Disease Score, Nutrient Score etc.
- **Text** - Add your Text based information for the experimental treatment

Observation Type

Score

Total Number of Observations per Treatment and Replication

1

Minimum Score Number

0

Maximum Score Number

10

To create **Score Data,** Add the **Minimum** and **Maximum Score Value;**
Upload the reference score image

Upload Reference Score Image

Choose File score.png

Submit Cancel

Select the Observation Name

Ascochyta Blight

Rating scale	Description
0	No symptoms on the leaf.
1	Small, irregular brown spots covering one percent or less of the leaf area.
3	Small, irregular, brown spots with concentric rings covering 1-10 per cent of the leaf area.
5	Lesions enlarging, irregular, brown with concentric rings covering 11-25 per cent of the leaf area.
7	Lesions coalescing to form irregular brown patches with concentric rings covering 26-50 percent of the leaf area.
9	Dark brown patches lesion with concentric rings covering 51 percent or more of the leaf area.

Observation 1

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Field Note

How to Record Data Observation

List of Experiments

Experiment Code	Experiment Name	Experiment Status	Action
FieldNote_ExpID25853	Characterization of Germplasm **Treatment Count-** 8 **Replication Count-** 3	On-Going	Record Data Mark as Completed

Record Data

Characterization of Germplasm (FieldNote_ExpID25853)

Select Treatment

Select Replication

Select the Observation Name

Submit and Next

Back to Dashboard

Select the Treatment Name from the Dropdown

Select the Replication Name from the Dropdown

Select the Observation Name from the Dropdown

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Field Note

How to Record Data Observation

Record Data

Characterization of Germplasm
(FieldNote_ExpID25853)

Select Treatment

Geno-1

Select Replication

R1

Select the Observation Name

Plant Height

Observation 1

Observation 2

Observation 3

Add your Observation Value for the selected observation, treatment and replication

Submit and Next

Back to Dashboard

After Adding the Observation Data **Click** on Submit and Next to go for next treatment
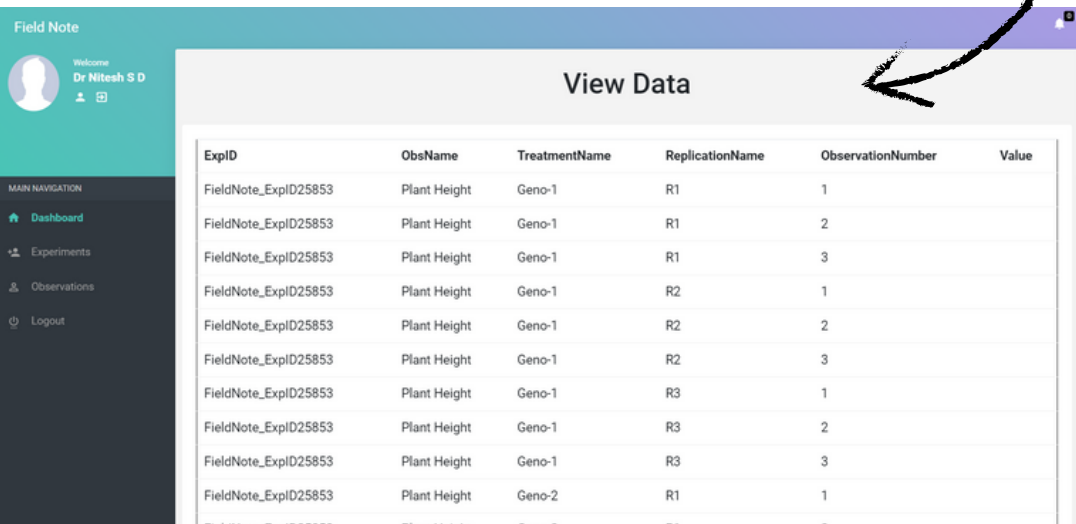
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Field Note

Download and View Data Recorded

List of Observations

Experiment Name	Observation Name	Observation Status	Action
Characterization of Germplasm	Plant Height **Observation Type:** Numeric **Observation Count:** 03	On-Going	View Data Download Data Mark as Completed

Field Note

Welcome
Dr Nitesh S D

MAIN NAVIGATION

- Dashboard
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View Data

ExpID	ObsName	TreatmentName	ReplicationName	ObservationNumber	Value
FieldNote_ExpID25853	Plant Height	Geno-1	R1	1	
FieldNote_ExpID25853	Plant Height	Geno-1	R1	2	
FieldNote_ExpID25853	Plant Height	Geno-1	R1	3	
FieldNote_ExpID25853	Plant Height	Geno-1	R2	1	
FieldNote_ExpID25853	Plant Height	Geno-1	R2	2	
FieldNote_ExpID25853	Plant Height	Geno-1	R2	3	
FieldNote_ExpID25853	Plant Height	Geno-1	R3	1	
FieldNote_ExpID25853	Plant Height	Geno-1	R3	2	
FieldNote_ExpID25853	Plant Height	Geno-1	R3	3	
FieldNote_ExpID25853	Plant Height	Geno-2	R1	1	
FieldNote_ExpID25853	Plant Height	Geno-2	R1	2	

Download the **Excel sheet** of the recorded data separately for each of the observation
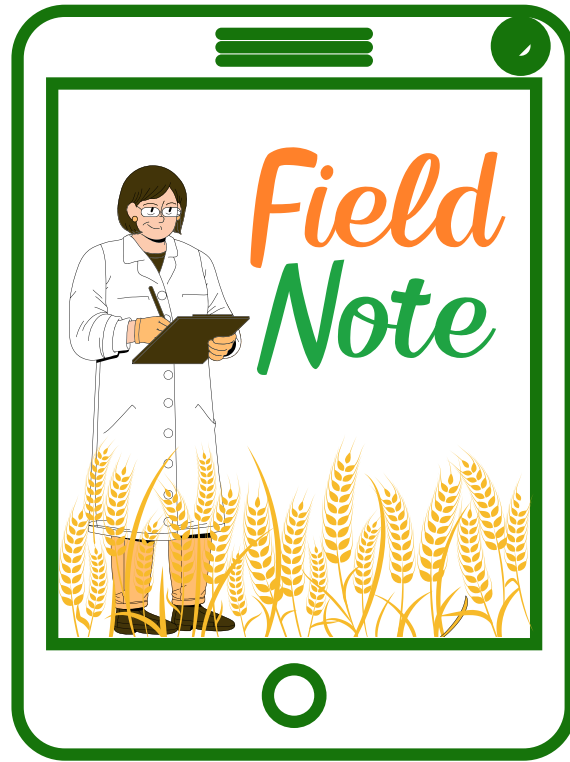
View the Observation Recorded and yet to Record

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Happy Researching

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