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Online application for National Dairy Information Systems

Login page

- ✓ Go to portal at <http://172.30.3.57> or alternatively you can login in by visiting: <https://www.citizenservices.gov.bt/dairy/>
Or Alternatively you can login to www.ndrdc.gov.bt/Click on online services;
[National Dairy Information System](#)

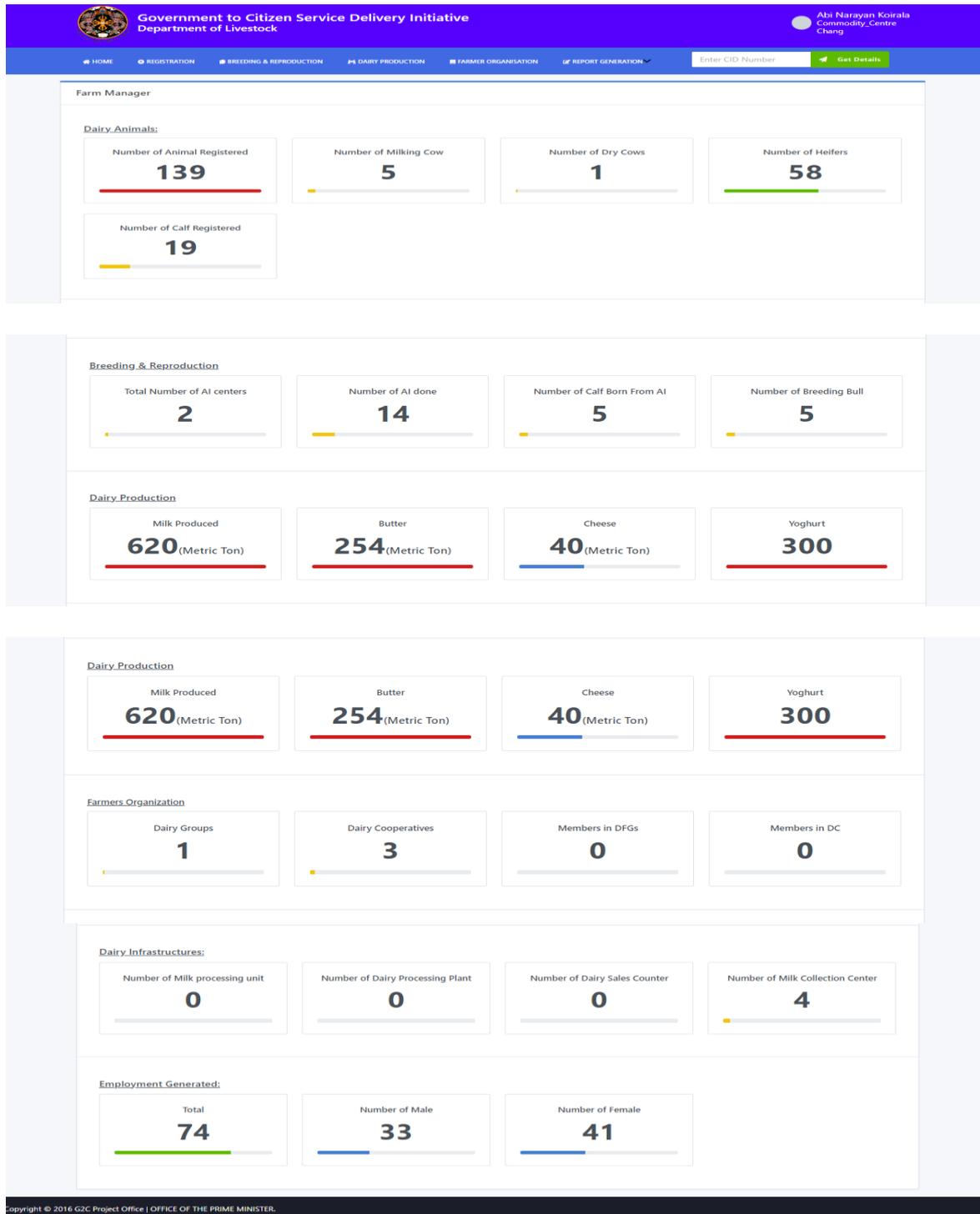
The screenshot shows the website for the National Dairy Research and Development Centre. The header includes the center's name in Dzongkha and English, along with the Department of Livestock and Ministry of Agriculture & Forests. A navigation menu is present with 'ONLINE SERVICES' highlighted. The main content area features an article titled 'Grass silage conservation' with a 'NATIONAL DAIRY INFORMATION SYSTEM' tag. A search bar and 'MOAF WEBSITES' section are also visible.

Following login page will be shown.
Provide Login Credentials to login

Login detail and password will be given by NDRDC, Yusipang

The screenshot shows the login page of the Citizen Services Portal. The header is orange and contains the portal's name and logo. The main content area features a login form with fields for 'Login ID' (containing '9007083') and 'Password'. A 'LOGIN' button and a 'clear' link are visible. The footer includes copyright information for 2021.

On successful login the user will be directed to the Extension Agent Dashboard or as per the login level you have logged with.



Note:

The dashboard updates the user what all the information under their area of registration with the following

1 Dairy animals

No of animal registered, No of milking Cows, No of Dry cows, No of Dry heifers and number of calf registered.

2 Breeding and Reproduction

Total number of AI Centres, No of AI done, Number of Calf born from AI, Number of Breeding Bulls.

3 Dairy Production

Milk produced, Butter produced, Cheese Produced, Yoghurt produced

3 Farmers Organization

Dairy Groups, Dairy Cooperatives, Members in DFGs, Members in Dairy Cooperatives.

4 Dairy Infrastructures

No of milk processing unit, Number of Dairy Processing Plant, Number of Dairy Sale counter, Number of milk Collection Centres.

5 Employment Centre

Total employment generated, Number of male, Number of Female

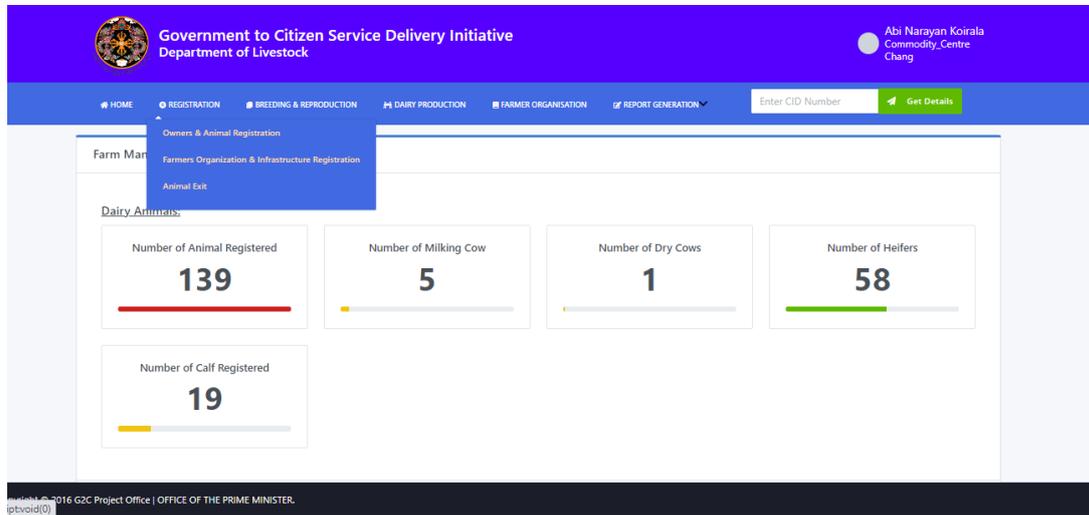
The dashboard is also the home page of the user.

It gives access to other services/modules as given below:

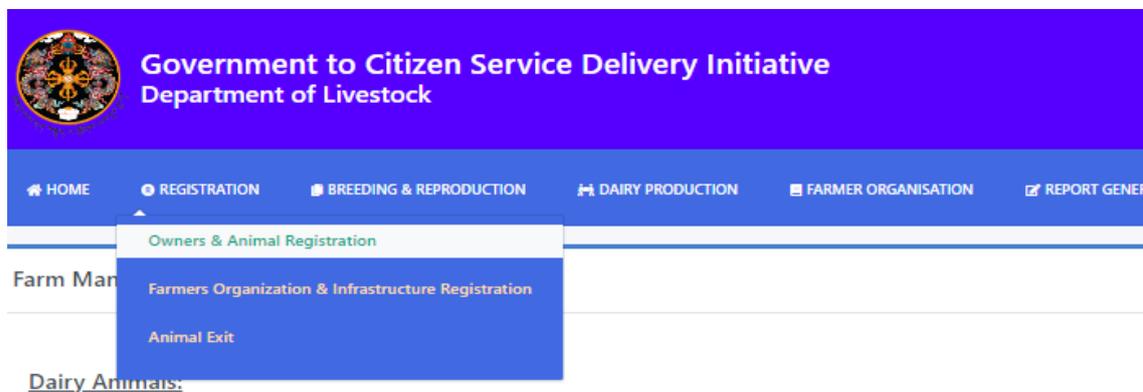
- 1. Registration**
- 2. Breeding and Production**
- 3. Dairy Production**
- 4. Farmer Organization**
- 5. Report Generation.**

1. Registration

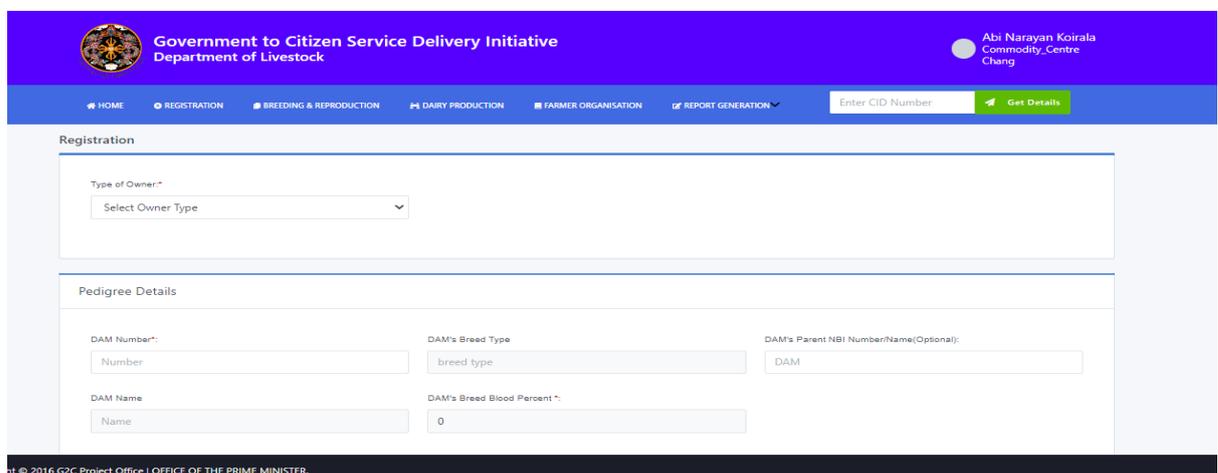
- ✓ **Action:** Login to the portal and click on **Registration** tab.
- ✓ **Result:** Dropdown to select, various services will be displayed.



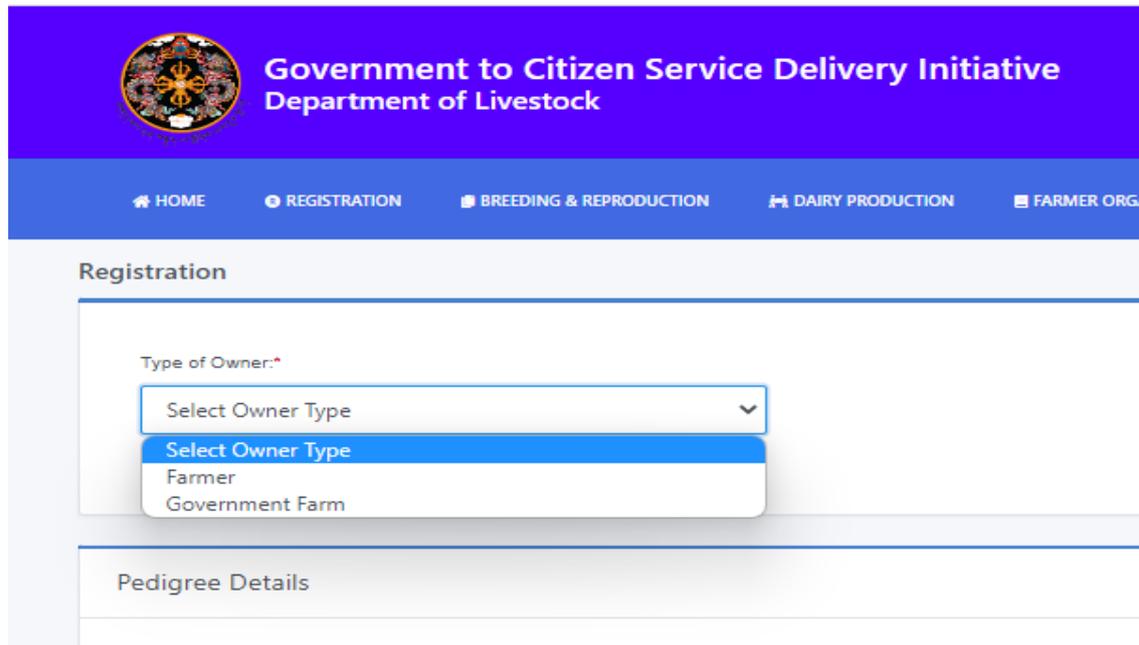
1.1 Owners and Animal Registration



- ✓ **Result:** The following page for registration will be displayed.



Select the type of owner from the dropdown under registration.
There are 2 types of owners i.e. **Farmer and Government Farm.**

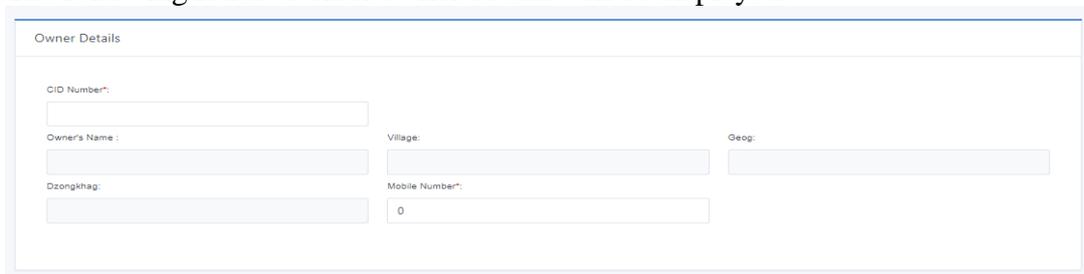


The screenshot shows the top navigation bar with the logo and text "Government to Citizen Service Delivery Initiative Department of Livestock". Below the navigation bar are tabs for "HOME", "REGISTRATION", "BREEDING & REPRODUCTION", "DAIRY PRODUCTION", and "FARMER ORG". The "REGISTRATION" tab is active. The main content area is titled "Registration" and contains a form with a "Type of Owner:" label and a dropdown menu. The dropdown menu is open, showing the following options: "Select Owner Type", "Farmer", and "Government Farm". Below the dropdown menu is a section titled "Pedigree Details".

Farmers Cattle Registration

Select type of owner as farmer

The following fields to enter owner details will be displayed.



The screenshot shows the "Owner Details" form. The form contains the following fields: "CID Number:" (text input), "Owner's Name:" (text input), "Village:" (text input), "Geog:" (text input), "Dzongkhag:" (text input), and "Mobile Number:" (text input with a "0" prefix). The "Mobile Number:" field is currently empty.

Enter CID of the farmer, other details will be updated by the system.

The other details displayed will be as shown below which is directly retrieved from the Home Ministry Census database.

Enter the Details Of Owner

Cid Number *:
11306002125

Owner's Name : Aman Monger
Village: Jampeling
Geog: Gelephu Throm

Dzongkhag: Sarpang
Mobile Number: 0

Please enter the mobile number compulsorily

Proceed with the animal details form

Animal Details

Animal Registration*: Tagged
NBI Number:
Animal Name*:
Date of Birth*: mm/dd/yyyy
Age:
Sex: Male Female
Animal Category*: Select Category
DFG*: Yes No
Purpose*: Select Purpose
Color:
BCS*: Select BCS
Type of Housing*: Select Housing Type

Notes: User should enter the tag number of the animal.

Tag number means National Bovine Identification Number (NBIN) which is the unique registration number of that particular animal.

Fill up other mandatory details for registration. (All fields marked with red * are mandatory and cannot be left empty to proceed further)

Pedigree Details

DAM Number*: 123	DAM's Breed Type Pure Jersey	DAM's Parent NBI Number/Name(Optional): DAM
DAM Name Name	DAM's Breed Blood Percent*: 25.0	
Sire Number*: Number	Sire's Breed Type	Sire's Parent NBI Number/Name(Optional): Sire
Sire Name Name	Sire's Breed Blood Percent*: 0	
Breed Type I*: Breed Blood Percent*: breedExotic	Breed Type II*: Breed Blood Percent Indigenous	

Note:

If both Dam and Sire are already registered, the detail of the animals will be fetch from the master registration files and there is no need to enter detail, just put the animal tag no.
 If DAM & SIRE number is not there, please put 00
 If DAM and SIRE name is not there put as no name or some other names

There are two breed types as Breed Type I and Breed Type II
 If the DAM & SIRE are same like DAM is Jersey Pure or Jersey Cross and SIRE is also Jersey Pure or Jersey Cross only Breed type I will be active and blood percent will be shown in breed I only after adding blood percent of DAM and SIRE
 If the DAM & SIRE are different like DAM is Jersey Pure or Jersey Cross and SIRE is other breed like HF or KF then Breed type 2 will be active and blood d percent calculated of DAM will be Breed Type I from Blood percent of SIRE goes to BREED Type II from SIRE.

Fill up all the required details. (All fields marked with red * are mandatory)
 Click Register on completion or Click Exit to terminate the process.
 The animal details will be registered as entered.
 On successful registration saved message will be displayed.

Government Farm Cattle Registration

Select the Type of Owner from the dropdown menu under registration.
 Select Type of Owner as Government Farm

Registration

Type of Owner*:
Government Farm

Result: The following fields to enter details of government farm will be displayed.

Enter the Details of Government Farmer

NLH Number:*

Farm's Name : Village: Geog:

Dzongkhag: Mobile Number:

Enter the National Livestock Holding (NLH) number, other details are updated by the system. **NLH** is the herd book number of the farm. All Government or private farms will have NLH registered and maintain in master file.

Proceed to Enter Details of Animal.
 Process: Fill up the animal Details form

Animal Details

Animal Registration*: NBI Number: Animal Name*:

Date of Birth*: Age: Sex: Male Female

Animal Category*: DFG*: Yes No

Purpose*: Color:

BCS*: Type of Housing*:

Notes: If the animal has already been tagged, user should enter the **NBIN** of the animal.

Fill up other mandatory details for registration. (All fields marked with red * are mandatory and cannot be left empty)

Proceed to Enter Pedigree Details as shown below.

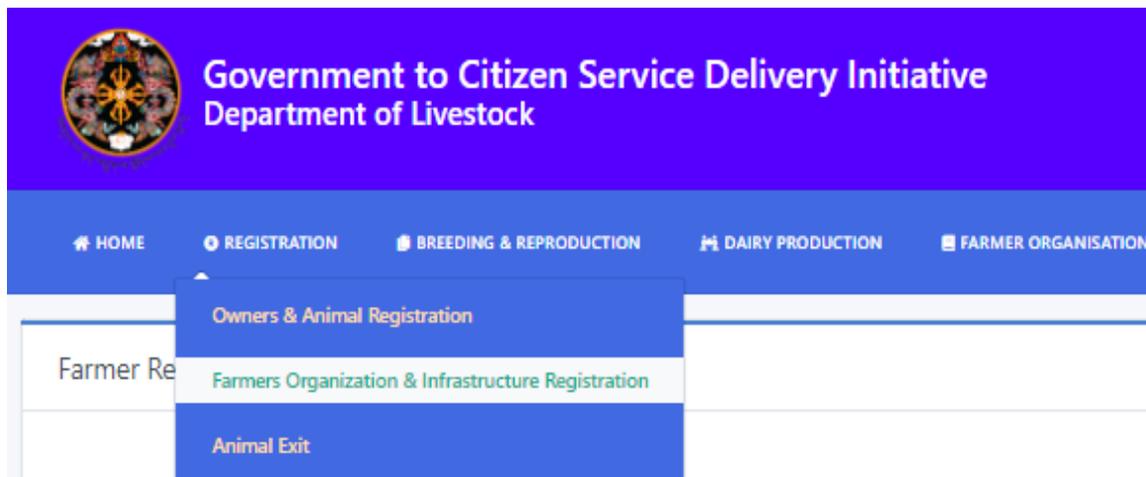
Pedigree Details

DAM Number*: <input type="text" value="123"/>	DAM's Breed Type <input type="text" value="Pure Jersey"/>	DAM's Parent NBI Number/Name(Optional): <input type="text" value="DAM"/>
DAM Name <input type="text" value="Name"/>	DAM's Breed Blood Percent*: <input type="text" value="25.0"/>	
Sire Number*: <input type="text" value="Number"/>	Sire's Breed Type <input type="text" value=""/>	Sire's Parent NBI Number/Name(Optional): <input type="text" value="Sire"/>
Sire Name <input type="text" value="Name"/>	Sire's Breed Blood Percent*: <input type="text" value="0"/>	
Breed Type I*: <input type="text" value=""/>	Breed Type II*: <input type="text" value=""/>	
Breed Blood Percent*: <input type="text" value="breedExotic"/>	Breed Blood Percent <input type="text" value="Indigenous"/>	

[Register](#) [Exit](#)

Fill up all the mandatory details. (All fields marked with red * are mandatory and cannot be left empty) Click register on completion
 The details will be registered as entered.
 Or Click Exit to terminate the process.
 If the data is saved the data saved successfully message will appear.

1.2 Farmers Organization & Infrastructure Registration



Under farmers registration following information will be captured.

1. Registration of group
2. Detail of number of employee working in the group
3. Detail of number of cows in the group
4. Detail of group types like, milk collection and marketing, collection, processing and marketing, dairy group marketing group in the group
5. Detail of infrastructure in the group (milk processing unit, milk collection centre, dairy sale counter and dairy processing plants)

The following farmer registration box will be displayed.

Fill up all the mandatory details. (All fields marked with red * are mandatory and cannot be left empty)

Most of the information can be selected from the dropdown menu.

Click Register on completion

The details will be registered as entered.

Or Click Exit to terminate the process.

Once the registration is completed, successful saved message will be displayed.

1.3 Animal Exit

Click on Animal exit from the registration tab



The following page will be displayed

The image shows a screenshot of the "Animal Exit" form. The form is titled "Animal Exit" and contains several input fields: "Animal Tag No*", "Name of Animal:", "Age:", "Sex:", "Exotic Blood(%)", and "Breed Type:". The "Exotic Blood(%)" field has the value "0" entered. Below the input fields is a dropdown menu labeled "Exit type*" with the text "Select Exit Type". At the bottom of the form are two buttons: "Update Details" (blue) and "Exit" (red).

Select exit type from the dropdown menu

The image shows a close-up of the "Exit type*" dropdown menu. The menu is open, showing a list of options: "Sold", "Select Exit Type", "Dead", "tsethar", "Stock Transfer", "Distribution", and "Culled". The "Sold" option is highlighted in blue. To the right of the dropdown menu is a "Name:" label and an empty input field. Below the dropdown menu are the "Update Details" and "Exit" buttons.

Select Exit type sold.

Additional fields for t exit type will be displayed as follows
Different exit types will have different relevant field

Exit type*:

New Ownership(CID Number/Holding Number)*: Name:

Select exit type as Dead
 Following field will be displayed for dead exit type
 Click update details once completed

Exit type*: Date of death*:

Select exit type as Tshethar
 Following fields will be displayed
 Click update details once completed

Exit type*:

Organisation Name*: Transfer Date*:

Select Stock transfer
 Following fields will be displayed
 Click update details once completed

Exit type*:

Organisation Name*: Transfer Date*:

Select Distribution
 Following fields will be displayed
 Click update details once completed

Exit type*:

New Ownership(CID Number/Holding Number)*: Name:

Village: Geog: Dzongkhag:

[Update Details](#) [Exit](#)

Fill up all the mandatory details. (All fields marked with red * are mandatory and cannot be left empty) Click Update Details on completion
 The details will be registered as entered.
 Or Click Exit to terminate the process.

2. Breeding and Reproduction

2.1 Detail of Artificial Insemination

Click on Detail of Artificial Insemination from Breeding and Reproduction Tab

The following page will be displayed.

Process: Enter the animal tag number

On entering the Animal Tag Number, details such as **Owner Details, Animal Details, and Pedigree Details** displayed by the system.

Owner Details		
Farmer's/Farm's Name:	Village:	Gewog:
Tshering Dorji	Yekhar	Ngatshang
Dzongkhag:	Mobile Number:	
Mongar	17637652	

Animal Details		
Name of Animal:	Age:	Sex:
dawa	2	Female
Animal Category:	CHBPP:	Migration:
Cow	No	
Migration Region:	BCS:	Type of Housing:
	1	Temporary Shed

Pedigree Details		
DAM Number and Name:	DAM's Details:	Sire Number and Name:
3123213	87.5	4343242
dasa	Pure KF	sad
Sire's Details:	Exotic Blood %:	Breed Type:
75	81.3	Pure KF
Pure KF		

Breeding Details		
Type of Semen:	Sire Used:	Date Of AI:
1	303402	2022-09-28
	VJ Husky	
Sire Exotic:	BreedType:	Name Of Technician *:
100	Pure Jersey	dawa
AI Center:	Type Of AI Technician :	Longitude*:
RNR- EC Khamdang	Govt AIT	123
Latitude*:	Altitude:	Number Of AI Done:
123	0	1

[Update Details](#)

If the cow or heifer is not registered, register first, then only carry out the AI
 Make ready the ear tag, ear tag applicator, tag pen to write on ear tag in all the AI Centres

Click on Detail of Artificial Insemination

Please fill up all the details as per the format required.

After AI, update on the same animals not possible before 18 days as the update is locked and another cycle can only happen after 18 days.

You can update detail of the same animals if repeated after 18 days

Use of NS after AI not possible. If NS has to be carried after AI in next cycle, abort the earlier AI by updating event update and then select abortion. Once Aborted, AI history is cleared and record on NS as fresh case.

2.2 Detail of Natural Services

Select the Natural Services from breeding and reproduction tab

Tag number of the animal for carrying out Natural Services should be entered in enter tag number.

Whole set of animal registration with owner detail, animal detail and pedigree Detail will be displayed.

If the cattle is not registered, register the cattle first and then carry out the NS

If the breeding bull in your area is not registered, please register the government supplied breeding bull or community bull, for which detail of the bull should be given to Admin of NDRDC for updating the breeding master file, with bull number, bull breed, bull blood percent and placement date in that particular place.

The screenshot shows a web application interface for the Government to Citizen Service Delivery Initiative, Department of Livestock. The user is logged in as Abi Narayan Koirala, Community Centre Chungi. The navigation menu includes HOME, REGISTRATION, BREEDING & REPRODUCTION, DAIRY PRODUCTION, FARMER ORGANISATION, and REPORT GENERATION. The current page is titled 'Artificial Insemination or Natural Services And Calving'.

The form contains the following sections:

- Animal Tag No.:** 1209000182
- Owner Details:**
 - Farmer's/Farm's Name: National Jersey Breeding Centre
 - Village: Samtse
 - Group: Samtse
 - Dzongkhag: Samtse
 - Mobile Number: 17373835
- Animal Details:**
 - Name of Animal: Jersey 2
 - Age: 14
 - Sex: Female
 - Animal Category: Cow
 - CHBPP: No
 - Migration:
 - Migration Region:
 - BCS: 3
 - Type of Housing: Concrete Structure
- Pedigree Details:**
 - DAM Number and Name: 000014, Jersey 2D
 - DAM's Details: 100, Pure Jersey
 - Sire Number and Name: 111480263, Jersey 2S
 - Sire's Details: 100, Pure Jersey
 - Breed Type: Pure Jersey

Then on entry of the breeding bull number to service the detail of the breeding will be displayed, with blood percent, bull breed etc.

Please update the bull name while updating the NS detail as the detail of the name was not available while updating breeding bull master file.

Breeding Details AI NS

Date Of NS*:

Sire Used*:

Sire Exotic*:

Placement Date*:

BreedType*:

Save detail and saved message will be displayed if not please check again.

Mastitis

Proceed with mastitis details

If the animal is positive to mastitis, click yes

Select the treatment carried out with list of likely medicine available in dropdown

Also click on the type of mastitis as sub clinical or Clinical mastitis,

Enter the date of treatment and save detail.

The information will be saved

Mastitis Details Show Hide Antibiotic Withdrawable Date (Not to be sold Within 2 weeks)

Mastitis* Yes No

Treatment Regime*:
 Select Treatment Regime
 Oxytetracycline injection
 Gentamycin injection
 Streptopenicillin injection
 Vetclox plus ointment
 Pendistrin ointment

Mastitis Type*:

Treatment Date*:

2.3 Calf Growth Rate

Click on the Calf Growth Rate from breeding and reproduction tab

Select calf growth rate from dropdown menu displayed.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koirala
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number

Artificial Insemination or Natural Services
 Detail of Artificial Insemination
 Detail of Natural Services
 Calf Growth Rate

Animal Tag No*:

Following information to fill is displayed against the tag numbers.

Please enter the tag number of the calf, other category of the animals will not be accepted.
Please register the calf before the growth rate is carried out.

The screenshot shows a web browser window with the URL `citizenservices.gov.bt/dairy/govtFarm/calfGrowth`. The page header includes the logo of the Government of Bhutan and the text "Government to Citizen Service Delivery Initiative Department of Livestock". The user is logged in as "Abi Narayan Koirala Commodity_Centre Chang". The navigation menu includes: HOME, REGISTRATION, BREEDING & REPRODUCTION, DAIRY PRODUCTION, FARMER ORGANISATION, and REPORT GENERATION. A search bar contains "Enter CID Number" and a "Get Details" button. The main content area is titled "Detail of Calf Growth" and contains the following form fields:

- Animal Tag Number*:
- Animal Name:
- Animal Category:
- Date of Birth:
- No. of Measurement*:
- Measurement Type*: (dropdown menu open showing: Select Method, Rondo Tape Method, schaffers Method, Digital Weighing)

Note: On selecting measurement type Rondo Tape method, following fields will be displayed.

Write the measurement of girth in cm. the correspondence weight will come as the reading is customized based on the Rondo Tape reading.

The reading will start from 63 cm.

The screenshot shows the "Rondo Tape Method" form with the following fields:

- Measurement Type*: (dropdown menu)
- Girth Measurement(cm)*:
- Estimate Weight(kg):

Buttons: (blue), (red)

Another type of calf growth measurement is Schaffer method

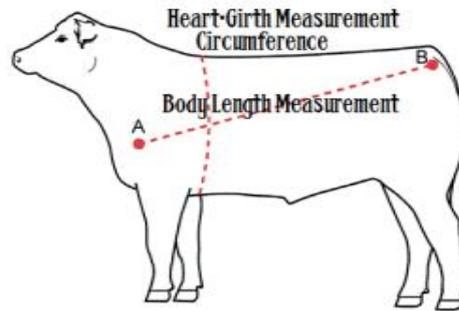
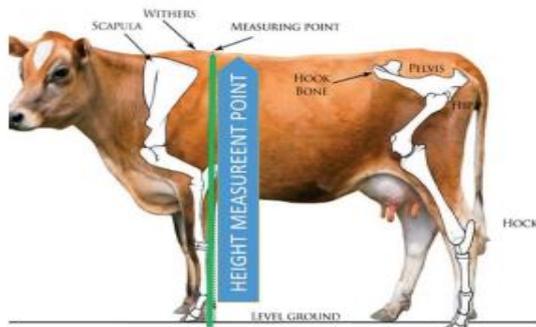
On selecting Schaffer's Method following fields will be displayed

Provide the body length and girth measurement length as shown below

The screenshot shows the "schaffers Method" form with the following fields:

- Measurement Type*: (dropdown menu)
- Body length(cm)*:
- Girth Measurement(cm)*:
- Estimate Weight(kg):

Ways to measure body length and girth



Fill up the fields and click on Update Details
Information will be updated.

Note: On selecting digital weighing following fields will be displayed.
Enter the detail of the reading on digital weighing

Measurement Type*:

Actual Weight(kg):

3 Dairy Production

3.1 Farm Level Production

Click on the farm level production from Breeding and Reproduction tab

Enter the animal tag number

The following page will be displayed, fill the required details as mandated and save.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koiral
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number

Individual Milk Production Detail

Farm Level Production
Milk Composition
Drying Off Update

Animal Tag Number*:

Milk Recording Date*:

Lactation Number*:

Daily milk yield(litre) *:

Monthly Milk Produced(litre) *:

Only registered animals detail can be updated. Register the milking cattle if not yet registered.

Milk production updates are updated once in a month by measuring milk on the test day for morning and evening milking. System will calculate the monthly milk production by multiplying the test day milk times 30 days. The following month reading should also be done on the same day. Monthly one time testing should be carried out in government farms and registered private farms or Enterprise farm.

For government farm to get the accurate production data, add the 30 days morning milk and 30 days evening milk and again divide by 30. Enter the answer for morning and evening milk. Check with actual production.

Practice the monthly milk testing for 10 months in one lactation.

3.2 Milk Composition

Click on the milk composition from the drop down menu farm production tab
The following page will be displayed.

Milk analyser for testing milk parameter will be provided

Proceed to update milk composition as shown below

The reading of the following parameters will be done by milk analysers.

The screenshot shows a web application interface for the Department of Livestock. The header includes the logo and text: "Government to Citizen Service Delivery Initiative Department of Livestock" and "Abi Narayan Koirala Commodity_Centre Chang". The navigation menu includes: HOME, REGISTRATION, BREEDING & REPRODUCTION, DAIRY PRODUCTION (selected), FARMER ORGANISATION, and REPORT GENERATION. A search bar contains "Enter CID Number" and a "Get Details" button. The main content area is titled "Milk composition by individual animal" and features a dropdown menu with options: "Farm Level Production", "Milk Composition" (selected), and "Drying Off Update". Below the menu is a form with the following fields:

Animal Tag No*: <input type="text" value="0"/>	<input type="text"/>	<input type="text"/>
Fat(%)*: <input type="text" value="0"/>	Protein(%)*: <input type="text" value="0"/>	Lactose(%)*: <input type="text" value="0"/>
SNF(%)*: <input type="text" value="0"/>	Freezing Point*: <input type="text" value="0"/>	Water Adultration(%)*: <input type="text" value="0"/>
Density*: <input type="text" value="0"/>	Salt/Minerals(%)*: <input type="text" value="0"/>	pH: <input type="text" value="0"/>
Temperature(*c): <input type="text" value="0"/>	Day*: Select Day	Date*: <input type="text" value="mm/dd/yyyy"/>

Result: Fill the required details and save.

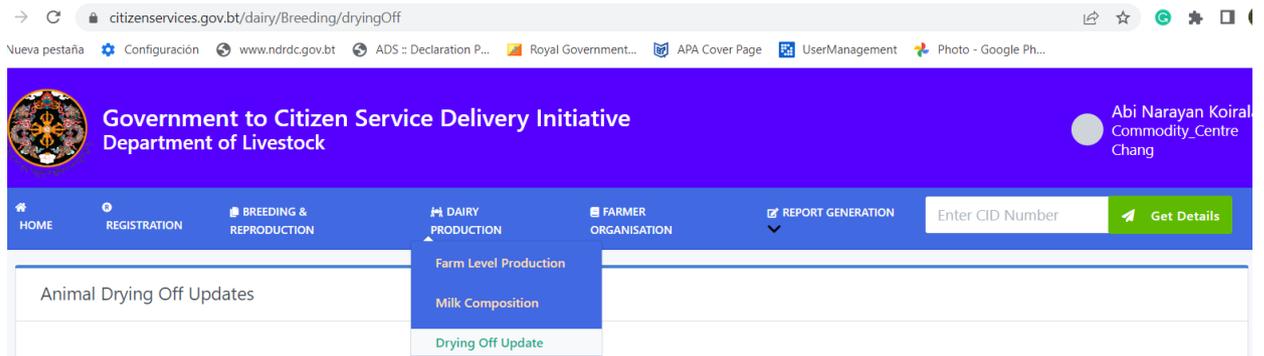
Successfully saved message will be displayed.

3.3 Drying off Update

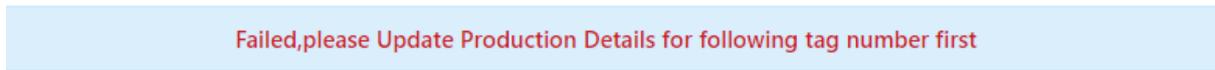
✓ Click on animal drying off updates from the dropdown dairy production tab.

The following page will be displayed.

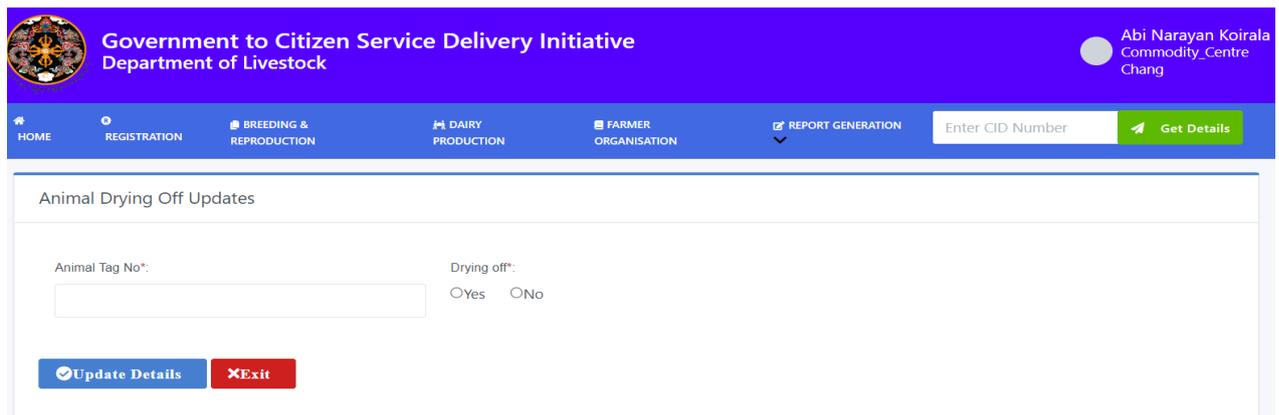
Enter the animal tag number and drying off as shown below



Click on **update details** to make changes or **exit** to cancel.
 The following acknowledgement screen will be displayed if the update fails or successfully



saved message will be displayed



4 Farmer Organization

4.1 Registered Groups and Cooperatives

Action: Click on registered groups and cooperatives under farmer organization tab

Result: Following services will be available under the organization dropdown menu.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan K
Commodity_Cent
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number Get Details

Name of the Registered Groups

Registered Groups and Cooperatives
Milk Composition (Farmers Group)

Show 10 entries Search:

Select registered groups and cooperatives from dropdown tab.
The following page with list of registered groups and cooperatives will be displayed.
Select the group you want to update with monthly production purchased and sold.

Name of the Registered Groups

Show 10 entries Search:

GROUP NAME	GROUP TYPE	DZONGKHAG
Chang gonor Dechen	Collection/Processing/Marketing	Thimphu
Hongtsho Dairy Group	Dairy Product Marketing Group	Thimphu
Test	Collection/Processing/Marketing	Thimphu
Yangthang Om Gongphel Detshen	Dairy Product Marketing Group	Thimphu
Yusipang Dairy Group	Dairy Product Marketing Group	Thimphu

Showing 1 to 5 of 5 entries Previous 1 Next

Select group status as functional.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koirala
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number Get Details

Group Details

Group Name: Chang gonor Dechen

Milking Cow: 0

Group Status*:
Select Status
Select Status
Functional
Non Functional

Monthly product update for that particular group is displayed.
The enter the detail on the monthly product update as displayed as below.

Product Update Monthly

Product Type*: Fresh milk(Litre) Product Collected(monthly)*: 100 Farm Gate Price*: 40

Year: 2022 Month: September

PRODUCT PROCESSED	SPECIES	QUANTITY	QUANTITY SOLD	PRICE(NU)	TOTAL AMOUNT(NU)	QUANTITY SPOILED	REASON FOR SPOILAGE	YEAR	MONTH	
Select	Se	0	0	0	0	0	0		Se	Add More

Select Product type
 Butter(Kg)
 Cottage cheese(Kg)
 Hard cheese(chugo)(Kg)
 Processed cheese(Kg)
 Yogurt(250ml)
 Ice cream(100ml)
 Paneer(Kg)
 Skimmed milk(Litre)
 Fresh milk(litre)

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Process: Click on the add more option to enter more product as follow.

Product Update Monthly

Product Type*: Cottage cheese Product Collected(monthly)*: 0 Farm Gate Price*: 0

PRODUCT PROCESSED	QUANTITY(KG)	QUANTITY SOLD	PRICE(NU)	TOTAL PRICE(NU)	
Butter	0	0	0	0	Add More
Select Product Type					

[Save Details](#)

Note: Delete button if not required

Click save details on completion or Click exit to terminate the process.

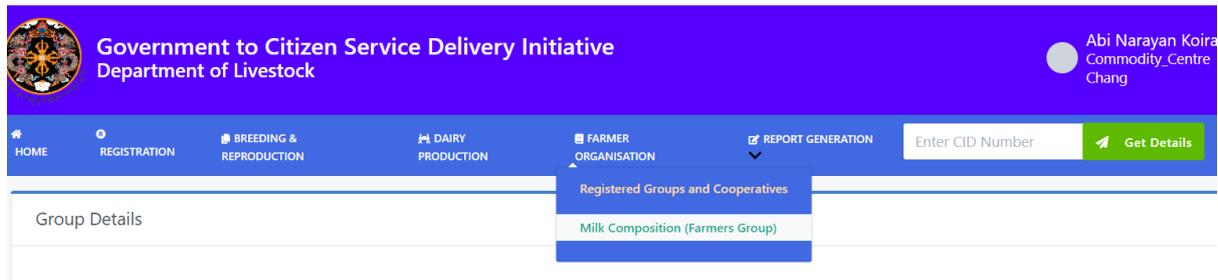
The animal exit details will be updated and an acknowledgement will be generated as shown below.

4.2 Milk Composition (Farmer Group)

Select milk composition from farmers organization tab as displayed below.

Details Are Successfully Saved

The following page to update milk composition for farmers group will be displayed.



Enter the reading of the milk parameter done in milk analyser as displayed below. Milk analyser will be provided to all the Dairy Farmers Groups

Farmer's Group milk Composition

Group Name:	Sample Code:	
<input type="text"/>	<input type="text"/>	
Fat(%):	Protein(%):	Lactose(%):
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
SNF(%):	Freezing Point:	Water Adultration(%):
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Density:	Salt/Minerals(%):	pH:
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Temperature(*o):	Day*:	Date*:
<input type="text" value="0"/>	<input type="text" value="Select Day"/>	<input type="text" value="mm/dd/yyyy"/>

Update changes. (All fields marked with red * are mandatory and cannot be left empty) Click save details on completion or click exit to terminate the process.

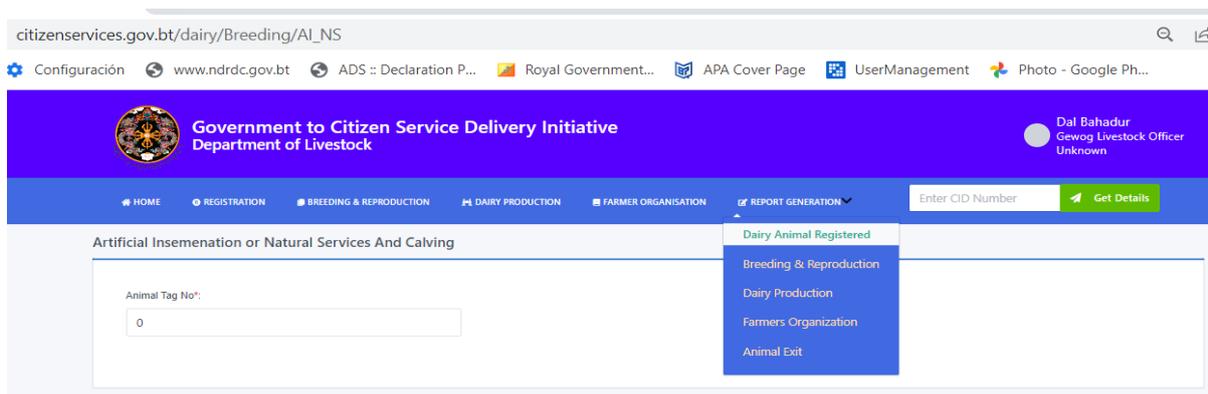
5 Report Generation

5.1 Dairy Animal Registered

Click on dairy animal registered under report generation tab

Result: The list of different report will be displayed, click on dairy animal registered as shown

Detail of animal registered report displayed where set filter as per report requirement



With different login in level/roles report can be generated.

- 1) Dzongkhag level officials can see report for all Geog under Dzongkhag
- 2) Regional Offices can see report of the mandated Dzongkhag
- 3) National level login can see report of whole Dzongkhags and Geogs.

Government to Citizen Service Delivery Initiative
Department of Livestock

Dal Bahadur
Gewog Livestock Offi
Unknown

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

From Date: mm/dd/yyyy To Date: mm/dd/yyyy

Gewog Name: Unknown Animal Category: ALL

Species Type: ALL CHBPP: ALL

DFG: ALL Sex: ALL

Generate Report

Detail of report generated can be exported to excel or saved in pdf format for further analysis and reporting.

5.2 Breeding and Reproduction Reports

Select breeding and reproduction report tab

The following page will be displayed.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koirala
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

From Date: mm/dd/yyyy To Date: mm/dd/yyyy

AI Center: ALL Method Type: Select Method

Generate Report

Dairy Animal Registered
Breeding & Reproduction
Dairy Production
Farmers Organization
Animal Exit

Enter From and to date and other details. Select other filters as per your requirement, Click generate report.

The report will be generated as shown below.

Reports

Generate Reports

Show 10 entries Search:

FARMER_NAME	VILLAGE	GEWOG	DZONGKHAG	ANIMAL TAG NUMBER	ANIMAL NAME	ANIMAL TYPE	AGE	SEX	BREED TYPE	BREED BLOOD PERCENT	CHBPP	DFG	DAM DETAILS	SIRE DETAILS
Tshering Dorji	Yekhar	Ngatshang	Mongar	1401000099	dawa	Cow	2	Female	Pure KF	81.3	No	null	3123213	dasa 87.5 4343242
Tshering Dorji	Yekhar	Ngatshang	Mongar	1401000100	testCAITshering	Male Calf	0	male	Pure KF	90.65	No	null	1401000099	dawa 87.5 DK03302835

Note: The report generated can be converted to Excel sheet as well as PDF format.

PDF Format

report.pdf 1 / 1 | 100% + |

Farmer...	Village	Gewog	Dzongkhag	Animal...	Animal...	Animal...	Age	Sex	Breed T...	Breed B...	CHBPP	DFG	DAM Details	Sire Details	Register...	Total N...
Tsherin...	Yekhar	Ngatshang	Mongar	1401000...	dawa	Cow	2	Female	Pure KF	81.3	No	null	3123213	dasa 87.5 4343242	sad	75.0 2022-09... 2
Tsherin...	Yekhar	Ngatshang	Mongar	1401000...	testCAIT...	Male Calf	0	male	Pure KF	90.65	No	null	1401000099	dawa 87.5 DK03302835	DJ Broiler	100.0 2022-09...

Excel Sheet

A1 Farmer_Name

Farmer_Name	Village	Gewog	Dzongkhag	Animal Tag Number	Animal Name	Animal Type	Age	Sex	Breed Type	Breed Blood Percent	CHBPP	DFG	DAM Details	Sire Details	Registered Date	Total N...
Tshering Dorji	Yekhar	Ngatshang	Mongar	1401000099	dawa	Cow	2	Female	Pure KF	81.3	No	null	3123213	dasa 87.5 4343242	9/29/2022	75
Tshering Dorji	Yekhar	Ngatshang	Mongar	1401000100	testCAITshering	Male Calf	0	male	Pure KF	90.65	No	null	1401000099	dawa 87.5 DK03302835	9/29/2022	100

Artificial Insemination and Progeny Born Report

Select breed and reproduction report

The following page will be displayed

Report generation for AI done and progeny born.

Report can also be generated by AI Technician type, Govt AI Technician or CAIT, lactation wise AI done etc

Enter From and To Date and other details

Government to Citizen Service Delivery Initiative
Department of Livestock

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

From Date: mm/dd/yyyy To Date: mm/dd/yyyy

AI Center: ALL

Method Type:

- Select Method
- Select Method
- Artificial Insemination
- Natural Services

Report Generation for Progeny born and semen tpe, breed type possible
 Select from date to to date as per your report requirement.
 Click on method type as Artificial Insemination or Natural Services
 Filter for progeny born on report type and select semen type from the menu.
 Report can also be generate by breed type etc.
 Press generate report.
 The following Page will be will be displayed

Fill up the form and click on Generate Report
 The report will be generated as shown below.
 Detail of report by tag number, farmers name, village, Geog Dzongkhag, by Technician, Date of AI etc. as shown below.

ANIMAL_TAG_NUMBER ↑↓	FARMER_NAME ↑↓	GEWOG_NAME ↑↓	VILLAGE_NAME ↑↓	TECHNICIAN_NAME ↑↓	TECHNICIAN TYPE ↑↓	DATE_OF
1701000049	Wangchuk	Drakten	Taktse	Dawa Tshering	Govt AIT	2018-01
1701000101	KinzangMo	Drakten	Kinga Rabten	Dawa Tshering	Govt AIT	2016-01
1701000127	BakhumMo	Drakten	Samling Dangrey	Dawa Tshering	Govt AIT	2011-01
1701001001	Tashi Tenzin	Drakten	Samcholing	Dawa Tshering	Govt AIT	2020-01
1701001002	Zangmo	Drakten	Samling Malingbung	Dawa Tshering	Govt AIT	2017-11
1701001003	Sonam Tenzin	Drakten	Reyphel	Sonam Tenzin	Community AIT	2018-01
1701001004	Sonam Denkar	Drakten	Reyphel	Sonam Tenzin	Community AIT	2020-01
1701001005	Tashi Tenzin	Drakten	Samcholing	Dawa Tshering	Govt.AIT	2011-01
1701001006	Zangmo	Drakten	Samling Malingbung	Dawa Tshering	Govt.AIT	2016-01
1701001007	Ugyenla	Drakten	Ladrong	Dawa Tshering	Govt.AIT	2014-01

Note: The report generated can be converted to Excel sheet as well as PDF format.

PDF Format

Animal_Tag...	Farmer_Na...	Gewog_Name	Village_Name	Technician_...	Technician T...	Date_Of_Bir...	Lactation_N...	Age	Date_of_AI/...	Last_Calvin...	PD_Date	Pregnancy_...	Expected_C...	Total Num...
1701000049	Wangchuk	Drakten	Taktse	Dawa Tshering	Govt AIT	2018-06-12	0	4	2022-10-06	N/A	null	N/A	2023-7-3	21
1701000101	KinzangMo	Drakten	Kinga Rabten	Dawa Tshering	Govt AIT	2016-01-11	0	6	2022-08-29	N/A	null	N/A	2023-5-26	
1701000127	BakhumMo	Drakten	Samling Dan...	Dawa Tshering	Govt AIT	2011-05-28	0	11	2022-09-28	N/A	null	N/A	2023-6-25	
1701001001	Tashi Tenzin	Drakten	Samcholing	Dawa Tshering	Govt AIT	2020-06-16	0	2	2022-08-14	N/A	null	Negative	2023-5-11	
1701001002	Zangmo	Drakten	Samling Mal...	Dawa Tshering	Govt AIT	2017-10-16	0	5	2022-08-16	N/A	null	N/A	2023-5-13	
1701001003	Sonam Tenzin	Drakten	Reyphel	Sonam Tenzin	Community...	2018-02-28	0	4	2022-08-27	N/A	null	N/A	2023-5-24	
1701001004	Sonam Denkar	Drakten	Reyphel	Sonam Tenzin	Community...	2020-03-26	0	2	2022-08-22	N/A	null	Negative	2023-5-19	
1701001005	Tashi Tenzin	Drakten	Samcholing	Dawa Tshering	Govt.AIT	2011-06-15	0	11	2022-08-23	2022-08-23	2022-08-23	Negative	2023-5-20	
1701001006	Zangmo	Drakten	Samling Mal...	Dawa Tshering	Govt.AIT	2016-04-11	0	6	2022-08-31	2022-08-31	2022-08-31	N/A	2023-5-28	
1701001007	Ugyenla	Drakten	Ladrong	Dawa Tshering	Govt.AIT	2014-05-05	0	8	2022-09-01	2022-09-05	2022-09-05	N/A	2023-5-29	

Select breeding and reproduction tab

The following page will be displayed

Report Generation for Progeny born and semen type, breed type

Select from date to to date as per your report requirement.

Click on method type as Artificial Insemination

Filter for progeny born on report type and select all semen type from the dropdown.

Press generate report.

Report is generated as shown below.

The following page will be will be displayed

Progeny born report by Dzongkhag, Geog, breed type, semen type and sex of the progeny born as shown below.

Government to Citizen Service Delivery Initiative
Department of Livestock

Arpana Rai
Commodity_Centre
Samtse

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number Get Details

Reports

Generate Reports

Show 10 entries Search:

DZONGKHAG	GEWOG	AI CENTER	BREED TYPE	SEMEN USED	PROGENY BORN BY SEX		TOTAL NUMBER OF LIST
Samtse	Samtse	NJBC-Samtse	Pure Jersey	Conventional frozen Semen(Imported)	Male=0	Female=1	2
Samtse	Samtse	NJBC-Samtse	Pure KF	Conventional frozen Semen(Imported)	Male=0	Female=0	

Convert into Excel Convert into Pdf

The Same report can be export to excel or in pdf

5.3 Dairy Production Report

Farm Report

Select dairy production report from report generation tab

The following page will be displayed, select dairy production as displayed below.

Government to Citizen Service Delivery Initiative
Department of Livestock

Nar Bahadur Tamang
Headquarter

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Dairy Production Reports

From Date: mm/dd/yyyy To Date: mm/dd/yyyy

Ridc Name: ALL Dzongkhag Name: ALL

Report Type: Farm

Owner Type: ALL Breed Type: ALL

Generate Report

- Dairy Animal Registered
- Breeding & Reproduction
- Dairy Production**
- Farmers Organization
- Animal Exit

Note: There are two report type, Farm and Farmer Organization

Select report type as Farm

Once you select Farm, select whether it is government farm or individual farmer from dropdown menu.

Select government farm

Select from date to to date as per your report requirement.

Click on farm type as farm

Select by Region, Dzongkhag and other filtration as per the report requirement from dropdown menu

Press generate report
The following report display will be shown.

Show entries

Search:

SL NO	REGION NAME	DZONGKHAG NAME	GEWOG NAME	ANIMAL TAG NUMBER	BREED NAME	CID NUMBER	HOLDING NUMBER	FARMER NAME	AGE	LACTATION NUMBER
1	RLDC_Tshimasham	Thimphu	Chang	0505004347	Thrabum	N/A	14010001	National Dairy Research Development Centre	9	1)6 2)6
2	RLDC_Tshimasham	Samtse	Samtse	1209000393	Pure Jersey	N/A	12090001	National Jersey Breeding Centre	9	1)6 2)7 3)7
3	RLDC_Tshimasham	Samtse	Samtse	1209000516	Pure KF	N/A	12090001	National Jersey Breeding Centre	12	1)5 2)6 3)5
4	RLDC_Tshimasham	Samtse	Samtse	1209000523	Pure KF	N/A	12090001	National Jersey Breeding Centre	12	1)4 2)5 3)4

Report converted in pdf format as displayed below.

Sl No	Region Name	Dzongkhag Name	Gewog Name	Animal Tag...	Breed Name	CID Number	Holding Num...	Farmer Name	Age	Lactation Nu...	Milk Produced	Date	Total N
1	RLDC_Tshim...	Thimphu	Chang	0505004347	Thrabum	N/A	14010001	National Dair...	9	1)6 2)6	1)1.6 2)1.6	2021-09-30	36
2	RLDC_Tshim...	Samtse	Samtse	1209000393	Pure Jersey	N/A	12090001	National Jerse...	9	1)6 2)7 3)7	1)196.2 2)140.0 3)455.7	2021-04-30	
3	RLDC_Tshim...	Samtse	Samtse	1209000516	Pure KF	N/A	12090001	National Jerse...	12	1)5 2)6 3)5	1)104.6 2)116.1 3)59.8	2021-04-30	
4	RLDC_Tshim...	Samtse	Samtse	1209000523	Pure KF	N/A	12090001	National Jerse...	12	1)4 2)5 3)4	1)238.2 2)318.9 3)202.5	2021-02-28	
5	RLDC_Tshim...	Samtse	Samtse	1209000524	Pure KF	N/A	12090001	National Jerse...	11	1)3 2)3	1)119.0 2)110.4	2021-04-30	
6	RLDC_Tshim...	Samtse	Samtse	1209000528	Pure KF	N/A	12090001	National Jerse...	9	1)5 2)9 3)5	1)467.7 2)172.6 3)446.7	2022-01-31	
7	RLDC_Tshim...	Samtse	Samtse	1209000537	Pure KF	N/A	12090001	National Jerse...	7	1)1 2)3 3)3	1)557.3 2)519.7 3)510.7	2022-01-31	
8	RLDC_Tshim...	Samtse	Samtse	1209000578	Pure KF	N/A	12090001	National Jerse...	6	1)2 2)4 3)2	1)434.6 2)654.1 3)440.5	2022-01-31	
9	RLDC_Tshim...	Samtse	Samtse	1209000579	Pure KF	N/A	12090001	National Jerse...	6	1)4 2)2	1)749.4 2)626.0	2021-01-31	
10	RLDC_Tshim...	Samtse	Samtse	1209000618	Pure Jersey	N/A	12090001	National Jerse...	5	1)2 2)2	1)158.7 2)141.2	2021-04-30	
11	RLDC_Tshim...	Samtse	Samtse	1209000630	Pure Jersey	N/A	12090001	National Jerse...	4	1)1 2)2 3)1	1)393.6 2)232.8 3)377.5	2021-04-30	
12	RLDC_Tshim...	Samtse	Samtse	1209000631	Pure KF	N/A	12090001	National Jerse...	4	1)1 2)2 3)1	1)512.8 2)703 3)509.2	2022-01-31	
13	RLDC_Tshim...	Samtse	Samtse	1209000636	Pure Jersey	N/A	12090001	National Jerse...	4	1)1 2)1	1)391.3 2)337.5	2021-04-30	

5.3.2 Farmer Organization Report

Select report type as farmer organization

Once you select farmer organization

Select from date and to date as per your report requirement.

Select by Region, Dzongkhag and apply other filtration as per the report requirement from dropdown menu

This report will give the product purchased and sold and with detail of financial expenses.

Government to Citizen Service Delivery Initiative
Department of Livestock

Nar Bahadur Tamang
Headquarter

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Dairy Production Reports

From Date: 01/01/2020 To Date: 10/18/2022

Rldc Name: RLDC_Tshimasham Dzongkhag Name: Thimphu Gewog Name: ALL

Report Type: Farmer Organisation (selected), Farm, Farmer Organisation

Product Type: Fresh milk(Litre)

Report of the farmers organization with farmers group name, Geog, Group type, month and year purchase, farm gate price, selling price, total quantity purchased, total quantity sold etc will be available in the report as shown below

Generate Reports

Show 10 entries

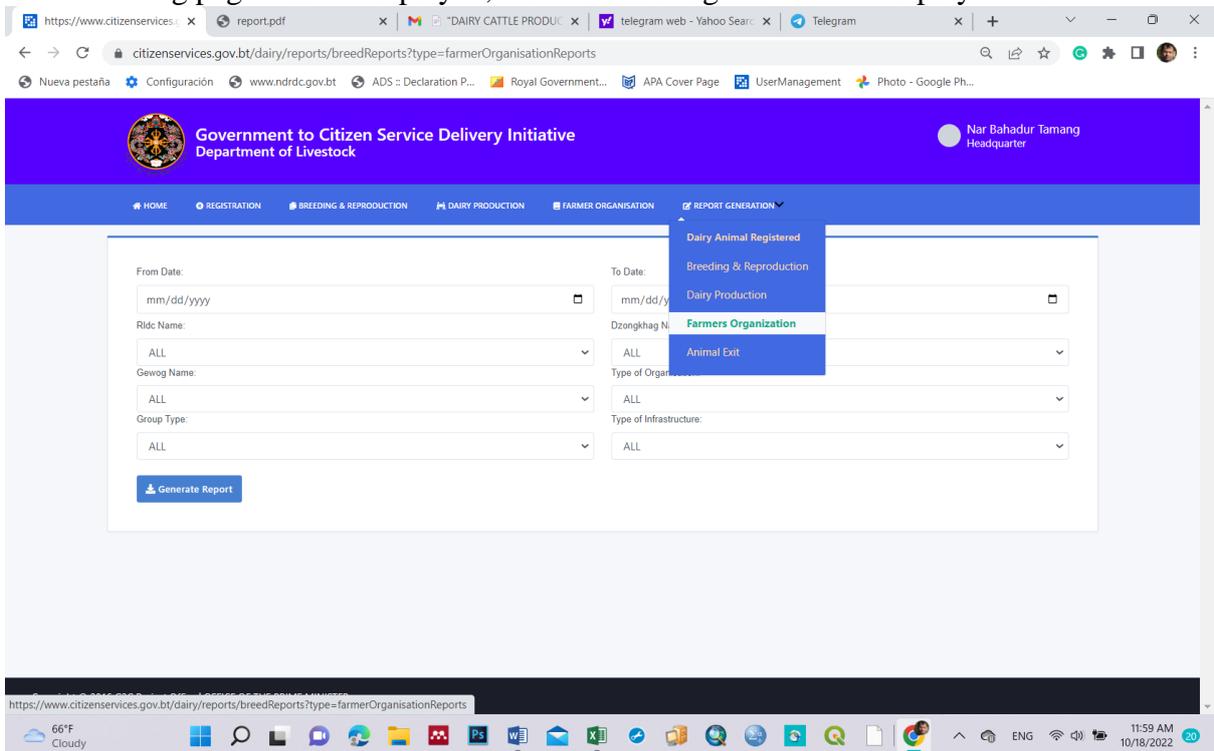
Search:

SL NO	GROUP NAME	GEWOG NAME	GROUP TYPE	NUMBER OF MEMBERS	YEAR	MONTH	PRODUCT TYPE	FARM GATE PRICE(NU.)	PRODUCT PRODUCED/PURCHASED	PRODUCT SOLD(NU.)	MARKET PRICE(NU.)
1	Chang gonor Dechen	Chang	MPC	10	2020	July	Processed cheese(Kg)	350	40	14000	350
2	Chang gonor Dechen	Chang	MPC	10	2020	July	Butter(Kg)	450	40	18000	450
3	Chang gonor Dechen	Chang	MPC	10	2022	7	Butter(Kg)	23	2	46	23
4	Chang gonor Dechen	Chang	MPC	10	2020	July	Fresh milk(Litre)	55	4000	275000	55
5	Chang gonor Dechen	Chang	MPC	10	null	null	Butter(Kg)	500	195	100000	500
6	Chang gonor Dechen	Chang	MPC	10	2020	July	Yogurt(100ml)	25	300	7500	25
7	Genekha Tshokpa	Geney	DPMG	22	0	0	Butter(Kg)	370	20	7400	370

5.4 Farmer Organization Report

Select farmer organization report from report generation tab

The following page will be displayed, select farmer organization as displayed below.



Generate Report

The following page will be displayed, select type of organization as group.

Select group type as collection/processing and marketing as shown below

5.5 Farmer Organization Report

5.5.1 Animal Exit Report

Select animal exit report from report generation tab

The following page will be displayed, select animal exit report as displayed below.

Select animal exit from dropdown.

Select all the required filtration as per the requirement.

Select from date and to date as per your report requirement.

Select by Geog name, animal category type, breed, Sex, exit type as per the report requirement from dropdown menu as shown below.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koirala
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number [Get Details](#)

From Date: 01/01/2020 To Date: 10/18/2022

Gewog Name: Chang Animal Category: Breeding bull

Species Type: Pure Jersey Sex: ALL

Exit type*: ALL, **Sold**, Dead, tsethar, Stock Transfer, Distribution, Culled

Following page is displayed.

This report will give the list of culled animals by tag number, age, sex, breed, blood percent, exit type and exit date.

Government to Citizen Service Delivery Initiative
Department of Livestock

Abi Narayan Koirala
Commodity_Centre
Chang

HOME REGISTRATION BREEDING & REPRODUCTION DAIRY PRODUCTION FARMER ORGANISATION REPORT GENERATION

Enter CID Number [Get Details](#)

Reports

Generate Reports

Show 10 entries Search:

SL_NO	GEWOG_NAME	ANIMAL TAG NUMBER	BREED	SEX	AGE	BLOOD PERCENT	EXIT TYPE	EXIT DATE	TOTAL NUMBER OF LIST
1	Chang	1505000752	Thrabum	female	9	100.0	Culled	2022-03-31	5
2	Chang	0204003139	Jersey Cross	female	6	75.0	Culled	2022-03-31	
3	Chang	0204003141	Jersey Cross	female	6	50.0	Culled	2022-03-31	
4	Chang	0505004360	Nublang	male	7	100.0	Culled	2022-03-31	
5	Chang	0505004363	Nublang	male	8	100.0	Culled	2022-03-31	

Showing 1 to 5 of 5 entries [Previous](#) [1](#) [Next](#)

[Convert into Excel](#) [Convert into Pdf](#)

The detail of animals by different exit type like culled, sold, death, transfer, distribution etc. can be generated

All the report generated can be exported to excel or converted into pdf for further analysis and submission