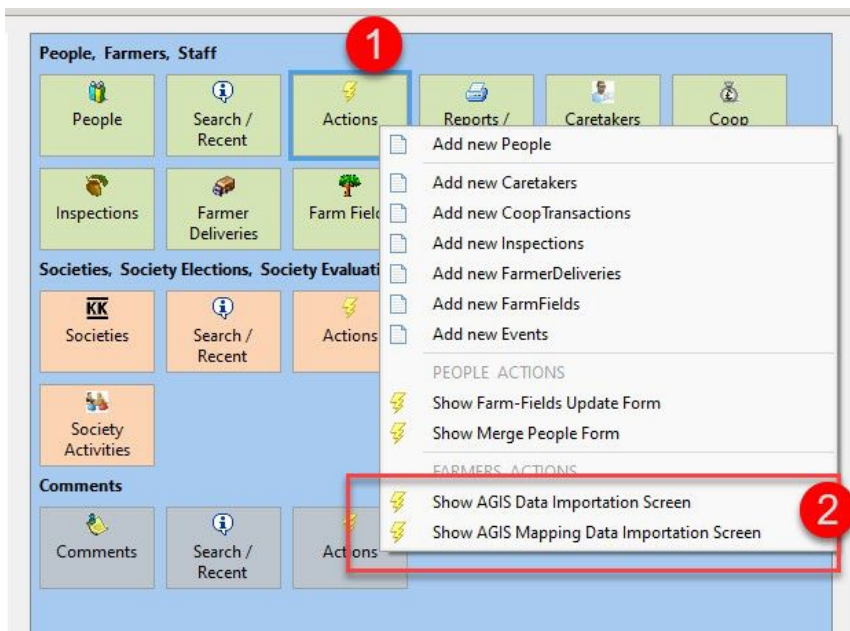


Working with the "Import AGIS Data" Screen

Once data has been imported from the CSV files into the "importation" data-tables, users can open a Rapid Entry Grid screen to process and import the data into the main database. This step is added to allow some cross-checking and updating to be done prior to the importation process.



Accessing the AGIS Importation screen

1. Find the "People, Farmers, Staff" Business Object, and click on the "Actions" tab.
2. In the list that appears, select "Show AGIS Importation Screen" or "Show AGIS Mapping Data Importation Screen".

The AGIS Data Importation Screen (Rapid Entry Grid)

The screenshot shows the 'Import AGIS Data' screen. A red circle with the number '1' highlights the 'Import' button. Below the button is a table with columns: ID, Imp, FID, Farmer, KKD, KKSysName, ZoneName, DateOfBirth, N/A, MobileNum, Gender, HouseholdSize, CountFarms, CountWorked, SocietyID. The table contains multiple rows of farmer data. A red circle with the number '2' highlights the 'Show AGIS Data Importation Screen' button.

AGIS Data Importation Screen

Note that only data in the Raw-data tables which contain **valid Society-Station-Marks** will be shown in the screen. If data has been imported for farmers and their society is **not yet** imported, they will be left in the Raw-data table, until the next time the Importation process is run.

1. The main grid. This contains **all** records in the "ImportInspections" KKSys data-table which have been imported from AGIS in a "raw data format" and have **not yet** been imported into the KKSys database.
2. As the user selects one farmer from the upper grid, that farmer's farm-fields are displayed. The farm-fields grid draws it's data from the "ImportedFarmFields" KKSys data-table. These records have been imported in a raw data format and have not yet been imported into the KKSys database.

3. The "Post" toolbutton on the main toolbar of the Rapid Entry Grid will iterate through the whole grid and add all the records.

Steps in checking the AGIS data

ID	Imp	PID	FarmerID	KKID	KK-Farmer	FirstName	LastName
62003955	<input type="checkbox"/>		0	AS13-06-46-010	-Farmer Not Found-	KWABENA	YEBOAH
62003954	<input type="checkbox"/>		0	AS13-06-45-147	-Farmer Not Found-	Abraham	Dommoro
62004024	<input type="checkbox"/>	36017999	1	AS13-06-41-157	ABENA MANU	Abena	Manu
62004064	<input type="checkbox"/>	5016593	1	AS13-06-41-087	ADWOA DUFIE	Adwoa	Difie
62003976	<input type="checkbox"/>	5018556	1	AS13-06-37-066	ADWOA MAMA	Adwoa	Amankwah
62004039	<input type="checkbox"/>	13053504	1	AS13-06-41-171	AFUA NKURUMAH	Afua	Nkrumah
62004058	<input type="checkbox"/>	163763	1	AS13-06-41-150	AGNES AWUA	AGNES	AWUA

Attempt to locate farmer

When the Rapid Entry Grid opens, KKSys will attempt to link records to existing farmers in KKSys.

If none is found the Grid will show "-Farmer Not Found-" in the "KK-Farmer" column.

When a farmer is found, (as at 1., in the image) the grid will show the ID of this farmer, and their name as it is stored in KKSys.

This matching is done using the KKIDNum. If the KKIDNum is entered incorrectly, a farmer may end up entered into KKSys twice, with 2 different KKIDNums.

FarmerID	KKID	KK-Farmer	FirstName	LastName	FarmersMatch
0	AS13-06-46-010	-Farmer Not Found-	KWABENA	YEBOAH	<input type="checkbox"/>
0	AS13-06-45-147	-Farmer Not Found-	Abraham	Dommoro	<input type="checkbox"/>
1	AS13-06-41-157	ABENA MANU	Abena	Manu	<input checked="" type="checkbox"/>
1	AS13-06-41-087	ADWOA DUFIE	Adwoa	Difie	<input type="checkbox"/>
1	AS13-06-37-066	ADWOA MAMA	Adwoa	Amankwah	<input type="checkbox"/>
1	AS13-06-41-171	AFUA NKURUMAH	Afua	Nkrumah	<input checked="" type="checkbox"/>

Checking farmer's names match

There can also be cases where KKSys finds a farmer, but the **names** do not match. This can be due to spelling errors, small changes in how people record names, or because of a mistake.

If the "FarmersMatch" column (shown at 1., in the image) shows a tick, then the KKIDNum **and** name of the farmer are both the same.

At this step, users of KKSys should check that the non-matching farmers have not been entered wrongly. The data in the grid can be edited if needed.

DateOfBirth	NIA	MobileNum	Gender	HouseholdSize	CountFarms	CountWorkers
6/6/1962	GHA-0	024526993	male	4	1	0
10/17/1980	GHA-000		male		2	0
11/14/1987	GHA-000		female		1	0
7/1/1967	GHA-0035604253	0245736516	female	4	2	0
1/1/1985	GHA-003481039-6	0547576203	female	6	2	0
6/19/1992	GHA-000		female		1	0
1/1/1980	GHA-7248742875		female	4	1	0
9/22/1960	GHA-00		male		3	1
1/1/1988	GHA-000		female		1	0
10/11/1973	GHA-0		female	8	1	0

Farmers and Inspections Data Importation

Imported data

The importation process will also import date-of-birth, Ghana ID Card Number, a farmer's mobile phone number and gender. (1., in the image)

The Household Size, count of number of farms and count of number of workers (2., in the image) will be imported into the KKSys "Inspections" data-table, and linked to the current farmer.

ID	KKID	Latitude	Longitude	Acreage
62004215	AS13-06-53-082			3
62004214	AS13-06-53-082			3
62004213	AS13-06-53-082			4
62004212	AS13-06-53-082	-2.044561667	6.445413333	6

Farmer's Acreage and Lat/Long

Farm-field data

If any farm-fields data is present for a given farmer, it will also be imported.

How the importation process works

Once the user has checked and edited the data as needed, they click "post". KKSys then works through the whole list of imported records and adds them to the database.

1. If Imported raw-data includes details of a society which is **not yet present** in KKSys, this data will not be shown during importation. It will be held in the raw-data table and accessed again the next time the importation process is run. Users should review the "Unimported Records" (details below) to assess Societies listed in the raw-data which are not present in KKSys and consider adding them.
2. If no Farmer is found on the KKSys side, a new farmer record will be added into KKSys.

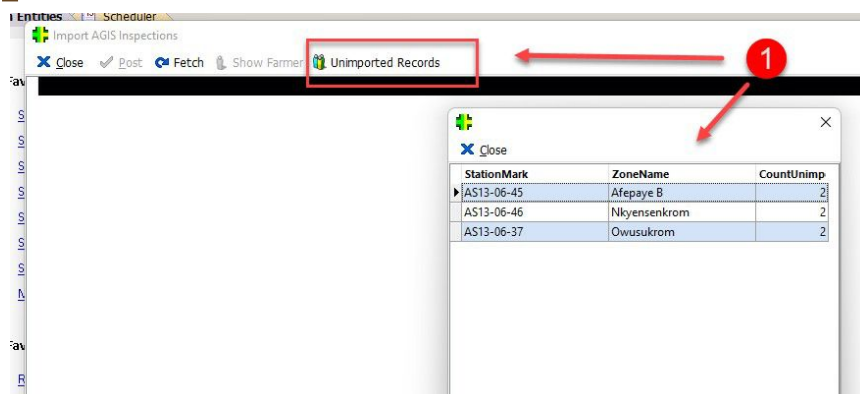
3. For farmer names, date of birth and gender new data always updates old data. For all other fields new data is added as new records. If a farmer already has a phone number in KKSys the data is first checked. If the AGIS number is the same nothing is done, if the AGIS number is different a **new record** is added with the new phone number. This allows farmers to have more than one phone number.
4. For "Inspection" data (Household-size etc.) a new record is always added. This allows KKSys to track a farmer over time and see how their social setting changes and improves.
5. For Farm-fields KKSys checks whether a field with the same latitude and longitude already exists. If it does, the record is **updated** in the database. Otherwise a new field is added.
6. Once a record has been imported, it is marked "Imported" in the ImportInspections and "ImportFarmFields" raw-data tables. Records in this table are not deleted. This ensures that a record of the data is maintained, but it is not repeatedly imported.

Unimported Records

When the list of records to import is displayed, not all records are shown. Only those with a "SocietyStationMark" which matches a Society in KKSys are shown.

This is done to avoid the risk / possibility of importing data and adding farmers who are "orphans" without links to a Society.

KKSys makes it possible to review the list of these Societies, which are present in the raw-data, but not present in KKSys.



AGIS "Unimported Records" Grid

1. In the AGIS Importation screen, click the "Unimported Records" button, a grid will open showing the list of "Zone" societies which are not present in KKSys, but are listed in the raw-data. Note that the "CountUnimported" column shows the **number** of farmers for each of these orphan Societies.

To Fix this situation, simply **ADD NEW** societies with the Name and StationMark identical to those listed in the Unimported Records grid. OR edit the data in the raw-data grid to change Station-Marks to match societies which are already present.

AGIS Mapping Importation Screen (Rapid Entry Grid)

As well as the AGIS Inspection Importation Screen, KKSys also has the "Mapping" Importation screen, for times when mapping data is returned without linked Inspections data. This screen is shown below, loaded with test data. Its layout and function are very similar to the operation of the Inspection Importation screen, but it only imports data from the ImportFieldDetails Raw-data table, which contain latitude, longitude and acreages for the farmer's farms.

As with the Inspections importation process, if a row in the Raw-data table does not contain a link to a recognised record, the row will not be imported, but will be left until the farmer's details (KKIDNum) are added to KKSys.

Import AGIS Mapping data								
Close Post Fetch Show Farmer Post Single								
ID	Latitude	Longitude	Acreage	KK-Farmer	Society	PID	SocietiesID	
62004224	AS13-06-41-087	0	0	ADWOA DUFIE	Afepaye (AS13-06-41)	5016593	58501179	
62004217	AS13-06-37-053	-2.1035933	6.5265033	17	THOMAS ATA	Owusukrom (AS13-06-37)	94000367	3058
62004216	AS13-06-20-050	-2.1174016	6.6299255	1	AGNES AWUA	Boboso (AS13-06-20)	163763	2674
62004211	AS13-06-37-069	-2.104248	6.530399	9	OSEI KWADWO	Owusukrom (AS13-06-37)	5018571	3058
62004207	AS13-06-20-107	0	0	4	KOJO LAAR	Boboso (AS13-06-20)	36016109	2674
62004206	AS13-06-20-107	0	0	2	KOJO LAAR	Boboso (AS13-06-20)	36016109	2674
62004205	AS13-06-20-107	-2.118345	6.6353	3	KOJO LAAR	Boboso (AS13-06-20)	36016109	2674
62004204	AS13-06-41-135	-2.049651667	6.431166667	10	NANA ACHEAMPONG	Afepaye (AS13-06-41)	36017889	58501179
62004202	AS13-06-20-079	-2.1121783	6.6357283	2	AMANKWAA JOE	Boboso (AS13-06-20)	94001592	2674
62004200	AS13-06-37-001	-2.104535	6.5281333	7	YAKUBU MAHAME	Owusukrom (AS13-06-37)	182178	3058
62004199	AS13-06-20-030	-2.1255383	6.6389583	10	ATTA KWASI	Boboso (AS13-06-20)	156656	2674
62004197	AS13-06-20-011	0	0	2	MENAMA LAAR	Boboso (AS13-06-20)	156636	2674
62004196	AS13-06-20-011	-2.1161897	6.6427784	4	MENAMA LAAR	Boboso (AS13-06-20)	156626	2674
62004195	AS13-06-41-173	0	0	2	KOJO ANABA	Afepaye (AS13-06-41)	13053526	58501179
62004194	AS13-06-41-173	-2.049666667	6.431153333	4	KOJO ANABA	Afepaye (AS13-06-41)	13053526	58501179
62004191	AS13-06-37-038	-2.1041667	6.5268367	6	MADAM MONICA TUFFOUR	Owusukrom (AS13-06-37)	94000337	3058
62004190	AS13-06-41-166	0	0	3	YAW OKRA II	Afepaye (AS13-06-41)	36018044	58501179
62004189	AS13-06-41-166	-2.04966	6.431185	2	YAW OKRA II	Afepaye (AS13-06-41)	36018044	58501179
62004187	AS13-06-41-171	-2.049635	6.43118333	5	AFUA NKURUMAH	Afepaye (AS13-06-41)	13053504	58501179
62004183	AS13-06-20-015	0	0	4	AMOAKO LAAR	Boboso (AS13-06-20)	156640	2674
62004182	AS13-06-20-015	0	0	5	AMOAKO LAAR	Boboso (AS13-06-20)	156640	2674
62004181	AS13-06-20-015	-2.11836	6.631985	2	AMOAKO LAAR	Boboso (AS13-06-20)	156640	2674
62004179	AS13-06-20-084	0	0	2	KONLAN MOKTOKA	Boboso (AS13-06-20)	94001602	2674
62004178	AS13-06-20-084	-2.1132783	6.6327167	2	KONLAN MOKTOKA	Boboso (AS13-06-20)	94001602	2674
62004174	AS13-06-20-098	-2.1188875	6.6436521	5	DANIEL GASESE	Boboso (AS13-06-20)	36016064	2674
62004168	AS13-06-20-004	0	0	2	MANU LAAR	Boboso (AS13-06-20)	156629	2674
62004167	AS13-06-20-004	-2.1174633	6.6328933	2	MANU LAAR	Boboso (AS13-06-20)	156629	2674
62004165	AS13-06-41-157	-2.049645	6.431133333	4	ABENA MANU	Afepaye (AS13-06-41)	36017999	58501179
62004163	AS13-06-41-172	0	0	2	SAWABATO K	Afepaye (AS13-06-41)	13053515	58501179
62004162	AS13-06-41-172	-2.049648333	6.43114	3	SAWABATO K	Afepaye (AS13-06-41)	13053515	58501179
62004158	AS13-06-20-083	-2.1178457	6.6453955	6	BENNARD OWUSU ANSAH	Boboso (AS13-06-20)	94001600	2674
62004157	AS13-06-41-003	0	0	2	AWUNI KUSASE	Afepaye (AS13-06-41)	5010879	58501179
62004156	AS13-06-41-003	-2.049678333	6.431166667	3	AWUNI KUSASE	Afepaye (AS13-06-41)	5010879	58501179
62004155	AS13-06-37-037	-2.1036067	6.5260188	20	ISAKA SFIDU	Owusukrom (AS13-06-37)	94000325	3058

KKSys AGIS Mapping Importation Screen

- The grid will fill with data from the "ImportationsFieldDetails" raw-data that has been imported into KKSys.
- Clicking "Post" will automatically transfer the data into the database "FieldDetails" data-table. The data will be linked to the farmer with the KKIDNum laid out in the table.