

International Institute of Tropical Agriculture

ICIS: Activity Report from IITA

IITA Mandate Crops

- Cowpea
- Soybean
- Plantain/Banana
- Yam
- Cassava
- Maize

Implemented Before

- ICIS (DMS and GMS) has been implemented for:
 - Cowpea
 - Soybean
 - Plantain/Banana
 - Yam
- Databases need to be updated regularly

Being Implemented Now

- Cassava
 - GMS
 - 1983 to 1992 uploaded
 - DMS
 - Yet to receive evaluation data. Being tactical
- Maize
 - DMS
 - 16 years evaluation data (1989 to 2004) received
 - 1989 data sets have been completely uploaded into the DMS
 - 1990 and 1991 are being processed (over 100 studies already loaded)
 - GMS
 - Yet to receive breeding data. Being tactical

Linking GMS to DMS

- It is a web based application
- Provides a good link between GMS and DMS databases
- Database is SQL SERVER 2000
- Database info is read from the ICIS INI file (now modified)
-

Setup/Select crop Info

WebStartUp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Word Pad Internet Options

Address <http://eoyetunij/gmstodmslinkage/> Go Links >>

ICIS international crop information system

GMS TO DMS LINKAGE

Established Crop

Yam Cowpea

Next Remove

Create New Crop

Crop Name

Ini Location Browse...

Store Information

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Using the selected crop database

Criteria Specification - Microsoft Internet Explorer

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Back Forward Stop Home Search Favorites Refresh Print Mail Stop Taskbar

Address <http://eoyetunij/gmstodmslinkage/WebStartup.aspx> Go Links >>

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GMS TO DMS LINKAGE

Using: Cowpea Database

1. Select GMS Name

- IT88D-379-1
- IT88D-385-1
- IT88D-393
- IT88D-394
- IT88D-394-6
- IT88D-394-7
- IT88D-395-3
- IT88D-396
- IT88D-396-4
- IT88D-397
- IT88D-398-3
- IT88D-398-4

2. Select Studies

Post Selection(s)

3. Select Factors / Variates

4. Retrieve Data from DMS

Done Local intranet

Using the selected crop database

The screenshot shows a web browser window with the address bar displaying `http://eoyetunji/gmstodmslinkage/NewSearch.aspx`. The page content is organized into four main sections:

- 1. Select CIVIS Name:** A list box containing the following entries: IT88D-398-3, IT88D-398-4, IT88D-399-5, IT88D-400, IT88D-402-5, IT88D-40-6, IT88D-41, IT88D-420-1, IT88D-421-5, IT88D-43-2, IT88D-43-3, and IT88D-436-12.
- 2. Select Studies:** A text box containing the entry: IET489SA(SAMARU 1989 INITIAL EVALUATION TRIAL 4).
- 3. Select Factors / Variates:** Two separate text boxes. The first contains: REP, VARIETY, and STUDY. The second contains: SEEDKGHA and SEEDS.
- 4. Retrieve Data from DMS:** A text box containing: F - rep, F - variety, F - study, V - seedkggha, and V - seeds.

At the bottom of the interface, there are several controls: a button labeled `>>`, a button labeled `All`, a button labeled `Reset List`, and a button labeled `Retrieve Data`. Below these buttons is a checked checkbox with the text `Include Method, Scale & Trait of Factors and Variates in Report`. The browser's status bar at the bottom shows `Done` on the left and `Local intranet` on the right.

Retrieved Data set

Result of selected set Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Recycle Bin Mail Print Taskbar Start Menu

Address <http://eoyetunji/gmstodmslinkage/NewSearch.aspx> Go Links >>

ICIS
international crop information system

GMS TO DMS LINKAGE

[View Properties](#) **Using: Cowpea Database** [Home Page](#)

Export Data Word Format Excel Format [Export](#)

STUDY NAME	rep	variety	study	seedkgha	seeds
IET489SA	REP1	IT88D-876-38	IET489SA	641.280029296875	384
IET489SA	REP1	IT88D-876-27	IET489SA	985.299987792969	590
IET489SA	REP1	IT88D-676-3	IET489SA	703.070007324219	421
IET489SA	REP1	IT88D-615-5	IET489SA	923.510009765625	553
IET489SA	REP1	IT88D-876-10	IET489SA	1745.15002441406	1045
IET489SA	REP1	IT88D-611-5	IET489SA	1290.91003417969	773
IET489SA	REP1	IT88D-832-1	IET489SA	1277.55004882813	765
IET489SA	REP1	IT88D-678-3	IET489SA	841.679992675781	504
IET489SA	REP1	IT88D-830-1	IET489SA	910.150024414063	545

Done Local intranet

Exported data set

http://eoyetunji/gmstodmslinkage/WebResult.aspx - Microsoft Internet Explorer

File Edit View Insert Format Tools Data Go To Favorites Help

Back Forward Stop Refresh Home Search Favorites

Address http://eoyetunji/gmstodmslinkage/WebResult.aspx Go Links >>

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	STUDY NAME	rep	variety	study	seedkgha	seeds							
2	IET489SA	REP1	IT88D-876-38	IET489SA	641.2800293	384							
3	IET489SA	REP1	IT88D-876-27	IET489SA	985.2999878	590							
4	IET489SA	REP1	IT88D-676-3	IET489SA	703.0700073	421							
5	IET489SA	REP1	IT88D-615-5	IET489SA	923.5100098	553							
6	IET489SA	REP1	IT88D-876-10	IET489SA	1745.150024	1045							
7	IET489SA	REP1	IT88D-611-5	IET489SA	1290.910034	773							
8	IET489SA	REP1	IT88D-832-1	IET489SA	1277.550049	765							
9	IET489SA	REP1	IT88D-678-3	IET489SA	841.6799927	504							
10	IET489SA	REP1	IT88D-830-1	IET489SA	910.1500244	545							
11	IET489SA	REP1	IT88D-641-5	IET489SA	1122.23999	672							
12	IET489SA	REP1	IT82D-699	IET489SA	1022.039978	612							
13	IET489SA	REP1	IT88D-622-2	IET489SA	521.039978	312							
14	IET489SA	REP1	IT82D-849	IET489SA	0	0							
15	IET489SA	REP1	IT88D-877-24	IET489SA	1102.199951	660							
16	IET489SA	REP1	IT88D-876-4	IET489SA	1339.339966	802							
17	IET489SA	REP1	IT88D-46-13	IET489SA	916.8300171	549							
18	IET489SA	REP1	IT88D-877-15	IET489SA	678.0200195	406							
19	IET489SA	REP1	IT88D-622-7	IET489SA	532.7299805	319							
20	IET489SA	REP1	IT88D-637-3	IET489SA	916.8300171	549							
21	IET489SA	REP1	IT88D-611-3	IET489SA	940.210022	563							
22	IET489SA	REP1	IT88D-440-3	IET489SA	993.6500244	595							
23	IET489SA	REP1	IT88D-840-5	IET489SA	1255.839966	752							
24	IET489SA	REP1	IT88D-678-2	IET489SA	898.460022	538							
25	IET489SA	REP1	IT88D-397	IET489SA	1033.72998	619							
26	IET489SA	REP1	IT88D-819-1	IET489SA	843.3499756	505							
27	IET489SA	REP1	IT88D-394-6	IET489SA	452.5700073	271							
28	IET489SA	REP1	IT88D-835-1	IET489SA	734.7999878	440							
29	IET489SA	REP1	IT88D-399-5	IET489SA	814.960022	488							
30	IET489SA	REP1	IT88D-615-4	IET489SA	1073.810059	643							
31	IET489SA	REP1	IT88D-398-3	IET489SA	1090.51001	653							
32	IET489SA	REP1	IT88D-844-3	IET489SA	1197.390015	717							

WebResult/ Unknown Zone