



United States Department of Agriculture



Nancy Leathers

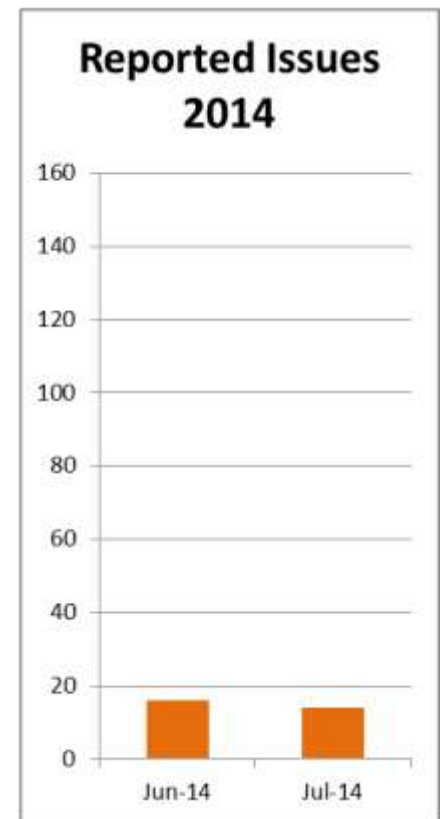
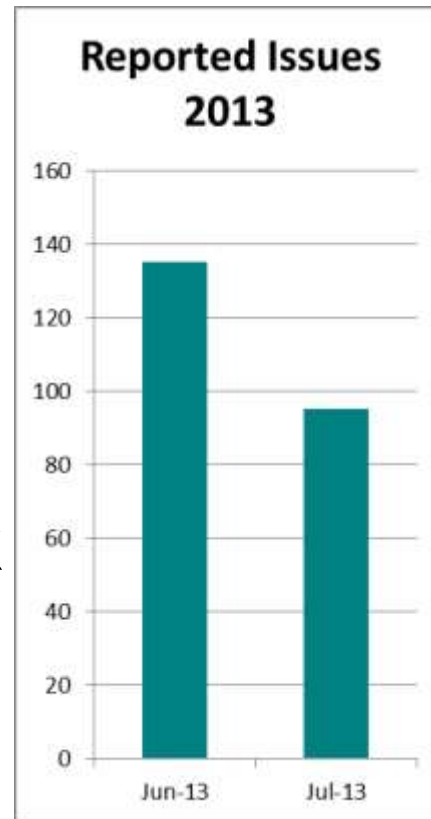
Business System Manager

Nancy.Leathers@aphis.usda.gov

Timeline & Accomplishments

Approx. 1 year ago

- System moved to new servers
- Instability, daily reboots, connection issues, uploads took forever . . .



Turning IPHIS Around

Defining Priorities

- #1 – make uploads easier - system is of no value if you can't input data
- #2 –replace the mobile component
- #3 – make it easier to get info out of the system – better reports & filters
- #4 – improve performance and utility of samples & lab modules

What we've accomplished

- New upload process released in early Feb.
 - 400 record limit removed
 - Upload, processing, & editing are separate steps

Data Import

Upload Data Import Excel File


Field Technician

First Name: Last Name:

File*:

Auto Submit:

Download Data Import Excel Files

 [Show me some examples of Excel Upload Files!](#)

- **Site File**
Import multiple Sites into Existing Locations associated with a Work Book
- **Survey Activity File**
Import Survey Activities into Existing Sites (One Activity to a Site) associated with a Work Book. For each of the Survey Activities, import multiple Samples + Field IDs.
- **All in One File**
The same scenario as above (Survey Activity File), except New Locations and Sites will also need to be created. Address Books can also be created for the Location.

What we've accomplished

- Step 2
 - Check for errors

Home | Locations/Work Book | Scheduling | Activities | Samples | Lab | **Import Data** | Survey Supplies | Orders | **Reporting** | **Mapping** | Templates | Admin

Spreadsheet Filename	Upload Date/Time	Field Technician	Uploader	Status	Progress	Description
AllInOne-EAB 2014 Natl Survey_entry_May27.xlsx	29/May/2014 14:10:07 CDT		Deron Smith	READY		
VTBERV3AllInOne-EAB 2014 Natl Survey NL-changed.xls	20/Jun/2014 08:57:53 CDT	sean lowery	Jackie Lowery	READY		No records were Submitted
ACTIVITY-Khapra Beetle Detection (System - version_3) - updated.xls	17/Jun/2014 15:37:46 CDT	sean lowery	Jackie Lowery	READY		
AllInOne-File-Row_Good_gen_1500Rows76.xls - part 1/2	16/Apr/2014 14:22:55 CDT		Deron Smith	READY		
ACTIVITY-Khapra Beetle Detection (System - version_3).xls	15/Jun/2014 20:36:34 CDT		Nancy Leathers	SUBMITTED		38 Valid records Submitted
DE676 Imperial County Route Bard 2 Book Grove Buffer 2014 ACP.xlsx - part 2/2	15/Apr/2014 13:12:39 CDT	John Doe	Deron Smith	READY		
ACTIVITY-Khapra Beetle Detection (System - version_3)-1.xls	12/Jun/2014 13:03:42 CDT	test test	Julia Shevchenko	READY		
ACTIVITY-Khapra Beetle Detection (System - version_3)-1.xls	12/Jun/2014 13:02:04 CDT	test test	Julia Shevchenko	READY		



What we've accomplished

- Step 3
 - Correct errors and submit to database

Validate and Process Legend

Row with Warnings	Actual Warning	Row with Error	Actual Error
-------------------	----------------	----------------	--------------

All (600)

Warnings (0)

Errors (2)

Good (598)

GM-Demo 3.xls

		Location	Has Activity	Activity Date	Activity Method	Activity Action	Host Name
x	21	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	22	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	23	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	24	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	25	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	26	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSPECT	Not Applicable;ID:1.
x	27	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.
x	28	Canyon - LBAM (map map);ID:1105...	Y	07/26/2014	TRAPPING	INSTALL	Not Applicable;ID:1.

Delete Spreadsheet

Submit Good Records Only

Override Warnings and Submit All



Feedback from the field

What would have taken 20 + hours was accomplished this morning in less than 2 hours.

Uploads for previous seasons were taking us 10-12 hours weekly (or more) but this year because of the upgrades to the system we are able to do them in **an hour and a half each week.**

I just uploaded 10 spreadsheets this morning in a half hour – which would previously have taken me all day if not longer.

What we've accomplished

- API and Mobile Web Services
 - Mobile device to IPHIS
 - System to IPHIS














The screenshot shows the IPHIS Mobile application interface. At the top, there is a header with the IPHIS logo and the text "IPHIS Mobile". Below the header is a table with three columns: "Filename", "Field Technician", and "Status". The table contains several rows of data, including survey reports and data uploads. The status of each entry varies, such as "READY", "DATA_PENDING_APPROVAL", and "SUBMITTED".

Filename	Field Technician	Status
EAB 2013 Natl Survey Part 1.xls	Deron Smith	READY
AllInOne-File-Row_Good_gen_1500 Rows20.xls - part 2/2	Rubyet Data Collector	DATA_PENDING_APPROVAL
AllInOne-Gypsy Moth 2013 Detection Survey W TN Dist Locations.xls	null null	SUBMITTED
CYCLE 34 DPI IMMOKALEE-CHMA ACP ACTIVITY TEAM 1 WEEK 2.xls	Deron Smith	READY
TEST_UPLOAD.xls	d Smith	READY
Copy of W1B1 IPHIS UATtest.xls	Rubeyt Islam	READY
W1B1 IPHIS UATtest.xls	Wayne McFadden	READY
W1B1 IPHIS UATtest-3.xls	Rubyet Islam	READY
ACTIVITY-NC SC Witchweed Survey Test 1.xls	null null	READY
Carl-1AllInOne-File-Row_Both_gen_1500 Rows1.xls	carl chitwood	SUBMITTED
AllInOne-File-Row_Good_gen_1500 Rows4.xls	Rubyet Islam	READY
AllInOne-File-Row_Good_gen_1500 Rows8.xls	rubyet islam	READY

What we've accomplished

- Report Formats

Reports	
Open	Report Name
 	Activities by Program
 	Activity Summary - National
 	Compliance Agreement Summary
 	Daily Activity Report
 	Location Contacts by Program
 	Locations by Program
 	Office Summary Report
 	Office Users and Roles
 	Samples by Program
 	Trap Activities by Program

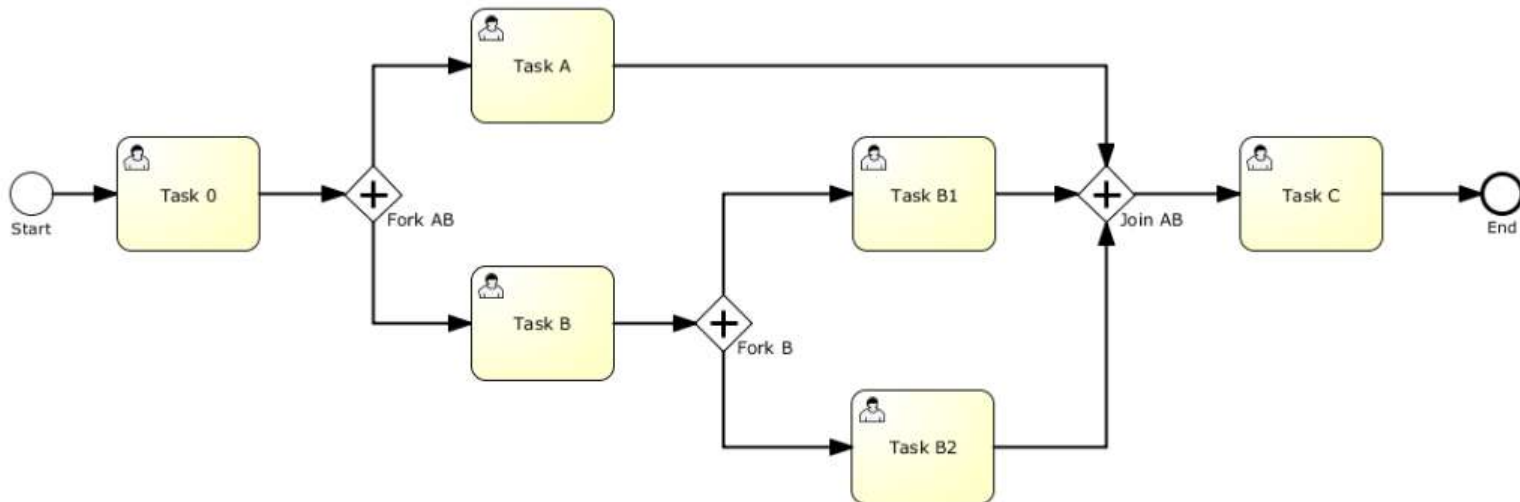
10 items found, displaying all items.

IPHIS 4.2 improvements

- Template Archiving
- Restored communication with PestID & EAN
- More filter options for Activities, Samples, & Lab modules
- Expandable filter boxes
- Exportable filters
- Improved pagination
- Optional display fields (show/hide columns)
- Samples module opens immediately
- Quicker response

Improvements in Progress

- Lab notifications
- Bulk determinations
- Automated forms (PPQ 391)
- Workflows – a series of tasks



Future

- Workflows - adding tasks to meet all pest program needs (ALB, FFD, . . .)
- Integrate with ARM
- Improve mapping and integrate with GIS
- Expand use of web services (app development & system to system transfers)
- Regulatory enhancements
- More report options for custom attributes



IPHIS in Missouri

FY 2014 Survey Data Entered Into IPHIS

- Emerald ash borer
- Exotic bark beetle/ woodboring beetle survey
- Gypsy moth
- Khapra beetle

FY 2014 Compliance Agreement Entered Into IPHIS

- Cotton Export
- Emerald ash borer
- Gypsy moth

FY 2014 Survey Supplies



IPHIS in Missouri

Beneficial Program Improvements

- Faster upload speed
- Improved data validation feature

Listening to Users

- Improvement in management of templates



IPHIS in Missouri

Suggested Improvements

- Reporting
- Mapping
- Compliance Agreements: Templates to be updated to 2012 version



Feedback

We welcome your feedback

We are still looking for Plant Board member(s) to be on our CCB Advisory Group. If interested, contact me (Nancy.Leathers@aphis.usda.gov)

or David Kowalski

(David.G.Kowalski@aphis.usda.gov)