

ORGANIC INTEGRITY DATABASE 

Certifier Training Webinar

September 15, 2015
USDA Agricultural Marketing Service (AMS)
National Organic Program (NOP)
Information Technology Service (ITS)



Welcome to this *INTEGRITY* Training! 

- **If you are online and cannot hear, please also call in:**
Toll-Free (U.S. & Canada): 866.740.1260
Access Code: 7202000
- Please introduce yourself through the chat box – name and organization.
- Please mute your phone when you are not talking.
- Please use chat box to post questions and comments. Activate chat in the upper left side of your screen. We are sharing the screen, so your chat messages can be seen by everyone, not just the presenter.
- This call is being recorded and voice/slides and chat will be available to the certifier community.

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Agenda



- **Project Overview**
- **Organic *INTEGRITY* Database - Release 1**
 - Registering as an *INTEGRITY* User
 - Old and New Data Fields
 - New Reporting Template for Lists of Certified Operations
 - Taxonomy for Organizing Products into Common Categories and Items
 - New Search and Reports Interface
- **Next Steps**

Vision: The Organic Integrity Database



The NOP is responsible for the integrity of the USDA organic seal.

The Organic *INTEGRITY* Database will be a modernized certified organic operations database that will:

- Contain up-to-date and accurate information, deterring fraud
- Increase supply chain transparency
- Promote market visibility for organic operations

Big Picture Project Timeline



Spring 2014	Farm Bill funding allocated for Database
Summer/Fall 2014	Established USDA team (NOP and ITS) and completed acquisition strategy
November 2014	Convened certifier user group (22 certifiers)
December 2014	Public webinar to gather community input
February 2015	Certifier training presentation, feedback
March 2015	Contract awards to Intact and Harmonia
March-July 2015	5 meetings with certifier user group, and system design and development
August-Nov 2015	Continue development, Release 1 launch

Meet the Team!

AMS: NOP & ITS, Intact, and Harmonia



Thank You to Our User Group Members! Examples of Feedback Incorporated....



- Offering multiple levels to report certification status: operation, scope level, product – eases “on ramp”
- Including operations that were denied certification or that withdrew from certification after receiving a NONC
- Reoriented scope reporting to operation level, offering more reporting freedom at product level
- Decoupled product categories from item levels, allowing more freedom to match certifier lists
- Refined livestock categories and products list
- Added taxonomy items
- Cleaned up categories for less overlap
- Separated operation/business types from handling scope
- Decided not to include operation location mapping, based on privacy concerns
- Added mushrooms/fungi to taxonomy!

Release 1 Priorities: September 2015



User Accounts
(Certifier Profiles/
Accounts)

Operation Data
Elements
(Dictionary)

Scope/Product
Taxonomy

Certifier
Imports/Exports
(Excel, User
Interface)

Certifier/NOP
Workflow and
Interfaces

Public Access
Interfaces
(Search and
Reports)

Release 1 Priorities: September 2015



User Accounts (Certifier Profiles/ Accounts)	Operation Data Elements (Dictionary)	Scope/Product Taxonomy
Certifier Imports/Exports (Excel, User Interface)	Certifier/NOP Workflow and Interfaces	Public Access Interfaces (Search and Reports)

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User Accounts (Certifier Profiles/Accounts)



- Certifiers will have personal logins and passwords for each employee who accesses the system
- Already established USDA authentication system provides proven security controls
- Either NOP or certifier will administer certifier staff accounts (certifier's choice)
- Online invitation-driven enrollment process: send your list of *INTEGRITY* Lead staff (with email addresses) who will manage your user accounts to *INTEGRITY@ams.usda.gov*
- Goal is to establish system-to-system access, as well as user interface access

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INTEGRITY User Accounts



- **Certifier users will have personal logins and passwords**
- **Roles:**
 - Certifier Lead: *INTEGRITY* user account management for their organization
 - Certifier Staff: all users will have view/edit permissions
- **Registration: Two Step Process**
 1. USDA eAuthentication Registration: USDA eAuthentication is a way for a user to interact with USDA websites. It identifies a user to the USDA via their User ID and Password.
 2. *INTEGRITY* User Account Registration: Authorizes user access to *INTEGRITY*

Step 1: USDA eAuthentication Enrollment



- Each Certifier user must have a **USDA eAuthentication Level 1 Access**
- Name and e-mail required for enrollment
- Go to <https://www.eauth.usda.gov/> and select "Create an Account" to get started

The screenshot shows the USDA eAuthentication website. The main heading is "Create an Account - Getting Started". Below this, there are sections for "USDA Federal Employees, Contractors, & Affiliates" and "USDA-Outsiders - What Level of Access Do You Need?". The "USDA-Outsiders" section is circled in red and contains the following information:

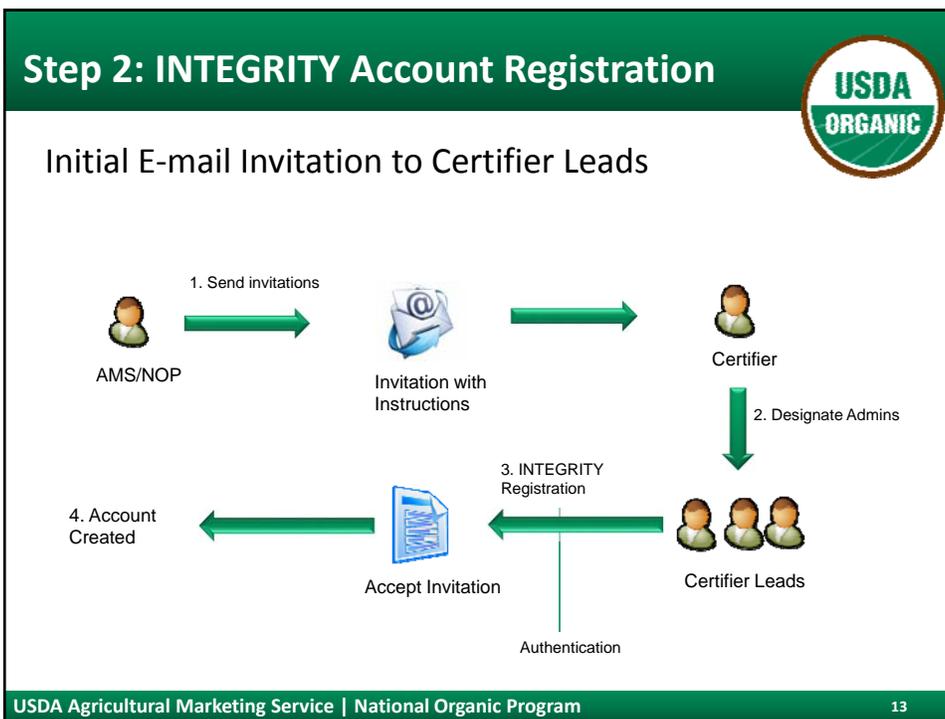
Request Level 1 Access to:

- Visit a USDA web page that indicates a Level 1 account is necessary
- Obtain general information about the USDA or its agencies
- Participate in public surveys for a USDA agency

Request Level 2 Access to:

- Submit official business transactions via the Internet
- Enter into a contract with the USDA
- Submit forms or applications for the USDA via the Internet

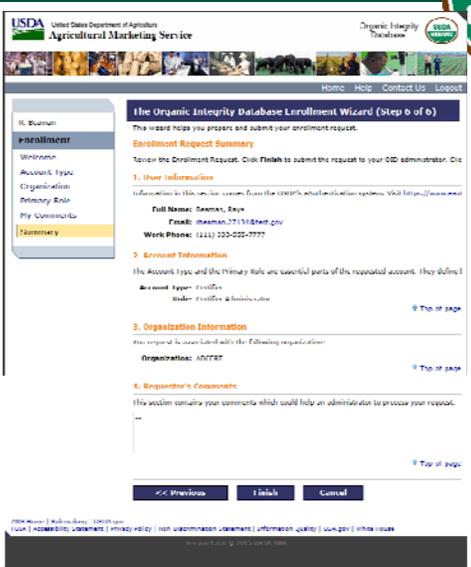
Below this, there is a section for "Changing from Level 1 Access to Level 2 Access" with instructions for upgrading an account.



Step 2: INTEGRITY Account Registration



- Certifier Staff complete a registration application to request an account
- Certifier Lead will activate the user account



The screenshot shows the 'Enrollment Wizard (Step 6 of 6)' in the Organic Integrity Database. The page title is 'The Organic Integrity Database Enrollment Wizard (Step 6 of 6)'. The main heading is 'Enrollment Request Summary'. Below this, there are four sections: 1. User Information (Full Name: TAMARA, BAY; Email: btamara@ams.usda.gov; Work Phone: (214) 335-555-7777), 2. Account Information (Account Type: Producer; Role: Producer & Administrator), 3. Organization Information (Organization: AOCFST), and 4. Requester's Comments. Navigation buttons for '<< Previous', 'Details', and 'Cancel' are at the bottom.

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Data Fields in New System – Data Dictionary



Data Element Name	Required/ Optional	Instructions	Data Visibility *
Operation Level			
Operation ID	Required	NOP's 10-digit unique ID for operation. First 3 numbers are: certifier ID (see Certifier IDs tab); last 7 numbers are assigned by the certifier.	Public
Operation Name	Required	Operation's business name. Enter text in Title Case.	Public
Other/Former Names	Optional	Other names that the operation is doing or has done business as. Enter text in Title Case.	Public
Client ID	Optional	Client ID issued by certifier. This can be any identifier that the Certifier uses to identify the operation. No constraints on format.	Public
Contact First Name	Optional	Enter only one first name. Use Title Case.	Public
Contact Last Name	Optional	Enter only one last name. Use Title Case.	Public
Operation Certification Status	Required	Select one of the following as applicable to the operation in question: Certified/Surrendered/Suspended/Revoked/Denied Certification/Withdraw with NONC	Public: Certified, Surrendered, Suspended, and Revoked operations; All Certifiers and USDA
Effective Date of Operation Status	Required	Date the selected Operation Certification Status became effective.	Public: Dates for Certified, Surrendered, Suspended, and Revoked operations; All Certifiers and USDA
NOP Anniversary Date	Optional	Date of annual update for certificate, at operation level. May include renewal, inspection, or verification.	All Certifiers and USDA
CROPS Certification Status	Optional	If the operation in question has applied for certification under the CROPS scope, select one of the following as applicable: Certified/Surrendered/Suspended/Transitioning/Denied Certification/Withdraw with NONC. If not, select Not Certified.	Public: Certified, Surrendered, Suspended operations; All Certifiers and USDA
Effective Date of CROPS Status	Optional	If CROPS certification status is provided (other than Not Certified), effective date must be entered	Public: Dates for Certified, Surrendered, Suspended operations; All Certifiers and USDA
LIVESTOCK Certification Status	Optional	If the operation in question has applied for certification under the LIVESTOCK scope, select one of the following as applicable: Certified/Surrendered/Suspended/Transitioning/Denied Certification/Withdraw with NONC. If not, select Not Certified.	Public: Certified, Surrendered, Suspended operations; All Certifiers and USDA
Effective Date of LIVESTOCK Status	Optional	If LIVESTOCK certification status is provided (other than Not Certified), effective date must be entered	Public: Dates for Certified, Surrendered, Suspended operations; All Certifiers and USDA
WILD CROPS Certification Status	Optional	If the operation in question has applied for certification under the WILD CROPS scope, select one of the following as applicable: Certified/Surrendered/Suspended/Transitioning/Denied Certification/Withdraw with NONC. If not, select Not Certified.	Public: Certified, Surrendered, Suspended operations; All Certifiers and USDA

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Data Elements and Submittal Template



- **Goals**
 - Begin with 2014 List of Certified Operations template
 - Include additional fields requested by certifiers
 - Align better with industry data standards (addresses)
 - Allow for more granular reporting to support certifier and industry needs
 - Build in multiple “on ramps” to facilitate more frequent and high quality data submittals
- **Key questions team regularly asks:**
 - What do we build to meet both near-term and long-term expectations for success?
 - What do we build to accommodate diverse certification systems across certifiers?

Data Fields in New System – Operation Level



A	B	C	D	E	F	G	H	I	J	K	
Operation ID	Operation Name	Other/Former Names	Client ID	Contact First Name	Contact Last Name	Operation Certification Status	Effective Date of Operation Status	NOP Anniversary Date	CROPS Certification Status	Effective Date of CROPS Status	
2											
3	Required NOP's 10-digit unique ID for operation. First 3 numbers are certifier ID (see Certifier IDs tab); last 7 numbers are assigned by the certifier.	Required Operation's business name	Optional Other names that the operation is doing or has done business as	Optional Client ID issued by certifier. This can be any identifier that the certifier uses to identify the operation. No constraints on format.	Optional	Optional Certified/ Suspended/ Revoked / Denied Certification/ Withdrew with NOWC	Required Date the selected Operation Certification status became effective.	Optional Date of annual update for certification, at operation level. May include renewal, inspection, or verification.	Optional Certified/ Suspended/ Transitioning /Denied Certification/ Withdrew with NOWC/Not Certified	Optional	
4	1234567890	Jenny's Farm	JT's Farm	ABD-gh-56	Jenny	Tucker	Certified	12/1/2011	1/23/2014	Certified	1/8/2011
5	1236543210	John's Farm		A-123-amb	John	Smith	Certified	7/1/2009	1/23/2014	Certified	7/1/2009
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											

Data Fields in New System – Operation Level



- AND:
 - Certification Status and Effective Date for Each Scope
 - Physical or Mailing Address (*one or both*)
 - Phone, email, website (*optional*)
 - Business Type/Services (Broker, Restaurant, Processor, Co-packer, Slaughterhouse, Dairy, CSA, Grower Group, and others) (*optional*)
 - Total Certified Acreage (*optional*)

Data Fields in New System – Item Level



A	B	C	D	E	F	G	H	I	J	K	L	M
Operation ID	Certificate Number	NOP Scope	NOP Category	NOP Category ID	NOP Item Name	NOP Item ID	Other Item	Item Varieties	NOP Certification Status	NOP Status Effective Date	Last Review Date	Acres Organic
2	Required	Optional	Optional	Optional	Optional	Optional	Required if no specific NOP Item Name or NOP Item ID provided.	Optional	Optional	Optional	Optional	Optional
3	NOP's 10-digit unique ID for operation. First 3 numbers are certifier ID (new Certifier IDs tab); last 7 numbers are assigned by the certifier.											
4	Optional	Required	Optional	Optional	Optional	Optional	Required if no specific NOP Item Name or NOP Item ID is selected, you must provide individual items or a comma-separated list of items. For example, "Apples, Changers, Bananas"	If an NOP Item Name or NOP Item ID is selected (but not Other), you may provide individual varieties or a comma-separated list of item varieties. For example, if the item is "Apples," varieties could be "Fuji, Golden delicious, Gala."	Certified/ Surrendered/ Suspended/ Transitioning/ Denied Certification/ Withdrew with NONAC	Date of last certification status change.	Review date	Number of certified organic acres
5	1234567890	CROPS					Apples, berries		Certified	1/8/2012		50
6		LIVESTOCK					cows, buyers, goats		Certified	1/8/2012		
7	123044210	CROPS	Fruit - Pome		Apples		Red Delicious	Honey Crisp, Granny Smith	Transitioning	7/2/2009		
8	123044210	CROPS	Fruit - Berries		Blackberries		Blackberries		Surrendered	12/30/2010		
9	123044210	HANDLING					Required		Certified	6/2/2011		
10	1234567890	HANDLING	Dairy		Yogurt		Yogurt		Certified	7/1/2013	1/12/2014	
11	1234567890	HANDLING	Dairy		Other		Fresh cheese, goat cheese, mozzarella		Certified	7/1/2013	1/12/2014	
12	1234567890	HANDLING	Dairy		Cottage Cheese		Cottage Cheese	Fresh farm cheese	Certified	7/1/2013	1/12/2014	
13	1234567890	LIVESTOCK	Aquaculture		Bees		Bees		Certified	1/7/2012	1/12/2014	
14	1234567890	CROPS	Other		Other		Required		Certified	7/1/2013		
15	1234567890	CROPS	Other		Other		Required		Certified	7/1/2013		
16	1234567890	CROPS	Fruit - Berries		Other		Required		Certified	1/7/2012		

Data Fields in New System – For Each Item Listed.....



- Operation ID
- Certificate Number
- Taxonomy Selection: Category
- Taxonomy Selection: Item
- Text Field for Items Outside Taxonomy
- Text Field to List Varieties for Taxonomy Items (*optional*)
- Certification Status, Status Effective Date, Last Review Date (*optional*)
- *Optional* Reporting at Item Level:
 - Acres or Heads (Organic and Transitioning)
 - Label Category (100%, Made With, Organic)

Operations that Need to be Reported



- **All operations that were issued or renewed an organic certificate in 2015, must be reported.**
- **All operations that surrendered an organic certificate in 2015 must be reported.**
- **All operations that were suspended or revoked in 2015 must be reported.**
- **What about operations that have applied, but not been certified?**
 - Include operations that have received Denial of Certification
 - Include operations that withdrew after receiving a Notice of Non-Compliance
- **Operation Status List: Certified, Surrendered, Suspended, Revoked, Denied Certification, Withdrew with NONC**

Release 1 Priorities: September 2015



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Towards a Common Product Taxonomy





2014 List

➤

New NOP
Taxonomy

➤



End
State

- Open free text fields
- Hard to search
- Significant data quality problems

- New taxonomy includes both categories (fruit - berries) and items (strawberries)
- Flexible mapping to meet a variety of needs
- Built using both top-down and bottom up methods

Standard but flexible taxonomy for certifier adoption

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Scope/Product Taxonomy Development



- **Goals for Taxonomy Development:**
 - Multi-level with flexible options for engaging = multiple “on ramps” based on certifier practices
 - Use “top down” and “bottom up” approaches – existing taxonomies plus analysis of 2014 certified operations list of products produced
 - Flexible data matching to accommodate and map to NASS, existing certifier tools, and other trade databases
 - Provide structure and process to improve data quality and completeness across certifiers
- **For “Top Down” view:** Reviewed 18 taxonomies: NASS, EU, OTA, Global Gap, Individual Certifiers, Retailer Standards, and gs1 global product classification systems

The “Bottom Up” Picture



- Mined the 2014 list of certified operations
- Over 40,000 unique items were reported
- Sample data quality issues:
 - Misspellings
 - Same item listed hundreds of times with small variations of wording
 - Trade/Brand names and unique product names listed
 - Package sizes and weights given
 - Run-on item listings: *Grapechickenapples*

Categories and Items - With Numeric IDs



1 NOP Taxonomy - Categories and Items (8/7/15)

2

3 NOP Scope Top level of Taxonomy is Crops, Livestock, Wild Crops, Handling.

4 NOP Category An optional category for reporting that will only be used to improve search functionality and utility (not certification relevant).

5 NOP Category ID Unique numeric ID for each NOP Category to help Certifiers match to existing taxonomies and products, can also be used in lieu of NOP Category Name for reporting.

6 NOP Item Name An optional level for reporting that provides additional detail - general item names such as apples, pears, etc. that can be used to improve search functionality and data quality.

7 NOP Item ID Unique numeric ID for each NOP Item Name to help Certifiers match to existing taxonomies and products, can also be used in lieu of NOP Item Name for reporting.

8 Other Item A place to enter individual items or a comma-separated list of items if no specific NOP Item Name or ID is selected.

9 Item Varieties A place to enter individual varieties or a comma-separated list of item varieties of an NOP Item Name or NOP Item ID is selected (but not Other). This may include specific products.

10

CROPS				LIVESTOCK				WILD CROPS				HANDLING				
Category Name	Category	Item Name	Item ID	Category Name	Category	Item Name	Item ID	Category Name	Category	Item Name	Item ID	Category Name	Category	Item Name	Item ID	
11	Fields/Forageable	2	Alfalfa	1	Aquaculture	48	Antelope	905	Fruits	54	Fruits	639	Alcohol	33	All Purpose Cleaners	424
12	Flower/Vegetables	3	Alfalfa	3	Buffalo	45	Barnow	806	Fungi	59	Fungi	645	Animal Feed	25	Almonds	425
13	Fruit - Berries	4	Apple Berries	4	Cattle	46	Beef Feed/Supplement	807	Herbs	53	Herbs	646	Baby Food	23	Alive Vene	426
14																
15																
16	Fruit - Citrus Fruits	5	Artemisia	5	Equine	47	Beem	808	Nuts	56	Nutshells	646	Beverage Related	22	Animal Fibers	427
17	Fruit - Melons	6	Ashe	6	Goats	48	Bison	809	Vegetables	57	Nuts	641	Beans/Beans/Trunks	23	Arroz	428
18	Fruit - Pome	7	Aspen	7	Poultry	49	Boan	810	Other	6	Vegetables	642	Chocolate Goods	24	Baby Snacks	429
19	Fruit - Stone	8	Aspen/Maple	8	Rabbits	50	Boan	811					Cheesem	25	Baking Chips and Bars	430
20	Fruit - Tropical Fruits	9	Aspen	9	Sheep	51	Boeing Eligible	812					Conductants and	26	Baking Mixes	431
21													Seaweeders			
22	Fruit Vegetables	10	Aspen	10	Swine	52	Boilers	813					Dairy	27	Bambara Groundnut	432
23	Fungi	11	Aspen/Maple	11	Transton	53	Bulls	814					Dry/Baking Goods	28	Barley	433
24	Herb/Spices	12	Aspen	12	Other	5	Chickens	815					Eggs	29	Beans	434
25	Leaf Vegetables	13	Azovander	13			Chickens	816					Fiber Textiles	30	Beef	435
26	Nutry/Straw/Flowers	14	Azofle	14			Deer	817					Fruits/Vegetables	31	Beer	436
27	Nuts	15	Algae	15			Dry Clovs	818					Health Products	32	Berries	437
28	Sea Vegetables	16	Almonds	16			Drinks	819					Meat Products	33	Better Chocolate	438
29	Seed/Pod Vegetables	17	Almonds	17			Its	820					Nuts/Seeds	34	Biters	439
30	Stem Vegetables	18	Almonds	18			Seeds	821					Oil & Oleosins	35	Body Butter	440
31	Other	0	Alive Vene	20			Stems	822					Other Oils, Pastes and	36	Body Care Products	441
32			Amaranth	21			Wafers	823					Cornals			
33			Amaranth	22			Waxes	824					Personal Care	37	Body Cream	442
34			Amberella	23			Lands	825					Pet Products	38	Body Oils	443
35													Pharmaceuticals/Extracts/	39	Black Nut	444
36													Beers			

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37

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39

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Instructions | Operation Level | Item Level | Certifier IDs | Taxonomy Categories & Items | **Sample Taxonomy**

Sample Taxonomy



1 NOP Sample Taxonomy - 8/21/15

2

3 NOP Scope Top level of Taxonomy is Crops, Livestock, Wild Crops, Handling.

4 NOP Category An optional category for reporting that will only be used to improve search functionality and utility (not certification relevant).

5 NOP Category ID Unique numeric ID for each NOP Category to help Certifiers match to existing taxonomies and products, can also be used in lieu of NOP Category Name for reporting.

6 NOP Item Name An optional level for reporting that provides additional detail - general item names such as apples, pears, etc. that can be used to improve search functionality and data quality.

7 Other Item A place to enter individual items or a comma-separated list of items if no specific NOP Item Name or ID is selected.

8 Item Varieties A place to enter individual varieties or a comma-separated list of item varieties of an NOP Item Name or NOP Item ID is selected (but not Other). This may include specific products.

9

10

NOP Scope	NOP Category	NOP Item Name
11		
12		
13	CROPS	
14	Fruit - Berries	
15		Apple Berries
16		Apricot Berries
17		Banberries
18		Banberries
19		Berries
20		Blackberries
21		Blackberries
22		Blueberries
23		Blueberries
24		Buffaloberries
25		Cane Berries
26		Cherries
27		Cherries
28		Currants
29		Elderberries
30		Elderberries
31		Goji Berries
32		Grapes
33		Huckleberries
34		Larvae
35		Mulberries
36		Raspberries
37		Raspberries
38		Strawberries
39	Fruit - Tropical Fruits	Other
40		Alive
41		Alive

Instructions | Operation Level | Item Level | Certifier IDs | Taxonomy Categories & Items | **Sample Taxonomy**

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Imports/Exports



- 3 options to feed new and updated data to NOP:**
 - Direct user data entry
 - Excel file uploads
 - Web services/API calls (planned Winter 2015)
- We will continue to work with certifiers to understand existing tools, to facilitate new data transmittals as smoothly as possible.

Certifier
Data

Data Subset
for NOP

➔

Organic
Integrity
Database

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Imports/Exports



- **Technical Assistance for 2015 Data Submissions**
 - We have analyzed the 2014 data set and used some basic rules and highly sophisticated algorithms to map it to the taxonomy at the Scope and Item levels
 - This version of your 2014 data can be downloaded in the new excel template if you would like to use it as a starting point for your 2015 data submission
 - We will be able to convert data submissions in the old format to the new format and return them to you for review before you upload them
 - The database has extensive data validation capabilities with warning and error reporting to help users identify data quality issues during the upload process. We will demonstrate these capabilities in early November, but you can explore the training area in the test environment to get started now.

Imports/Exports (Empty Staging Area)



Certifying Agent

☰ Certifying Agent

Published Operations

📄 Published Operations

📄 Publication History

Staging Area (SA)

– Staging Area

Actions

📄 Upload a File...

🔧 Edit Operations

👤 Exit Profile

My Staging Area (Unlocked)

The Staging Area is an intermediate location used for certified operations editing and processing and only authorized users could access it. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

The Staging Area is empty and it is ready for a file upload or operations editing.
Select an option below to start modifying operations. Changes are not visible to public until published.
For more information about Staging Area see [Guidelines and Reference Materials](#).

Click **Upload a File...** to start a new file upload. The file must be prepared according AMS NOP requirements.

Click **Edit Operations** to start editing operations. All published operations and items (if any) will be copied to the Staging Area where you can modify and publish them.

Upload a File...
 Edit Operations

Imports/Exports (Staging Area – Start File Upload)



Upload a File With Certified Operations (My Staging Area)

Upload certified operations into the private certifier's Staging Area. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

Click **Select** to select a file with certified operations or just simply drop a file over the the text box, specify upload scope and unstructions, then click **Upload File** to upload the file and process data.
For more information see [Guidelines](#) and [Reference Materials](#).



1. Select A File To Upload

Select Microsoft Excel files (*.xls, *.xlsx or *.xlsm) with size up to 7 Megabytes (MB).

● TestNOPUpload1.xlsx × Remove



2. Select Processing Scope and Instructions

* Specify the content of the file.

File Contains Operations Only
Select this option if you want to upload certified operations only. Certification items (if any) will be ignored.

File Contains Operations and Certification Items
Select this option if you want to upload certified operations and certification items.

Indicate if you want to publish data immediately.

Publish Operations Immediately
Select this option if you want to ignore all warnings (if any) and publish data. This option is ignored if validation errors are found.



3. Upload File and Process Operations

Ready to upload the file? Click the **Upload File** to start.




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Imports/Exports (File processing in progress)



The File With Certified Operations is being Processed (My Staging Area)

Validating the file with verified operations and uploadin operations into the private certifier's Staging Area. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

The file with **Certified Operations** is being processed. Please wait, it might take a while...

Tip
You don't need to wait until the operation is complete - use the top menu to navigate to another page. At any time you can check the status of your submission by visitig to the **Staging Area** page.

Waiting for completion...

00:00



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Imports/Exports (Upload fails – validation errors 1)



Certifying Agent

- ☑ Certifying Agent

Published Operations

- 📄 Published Operations
- 📄 Publication History

Staging Area (SA)

- Staging Area

Actions

- ✖ Clean Up & Unlock
- 👤 Exit Profile

My Staging Area (Locked)

The Staging Area is an intermediate location used for certified operations editing and processing and only authorized users could access it. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

Staging Area is locked, but operations were not uploaded.
There are validation errors - review them below.
Fix errors and upload the file again, upload another file or clean up the area.

For more information about Staging Area see [Guidelines and Reference Materials](#).

📄 Upload Another File...
✖ Clean Up & Unlock

File Upload Details
File Validation Errors and Warnings (4)

File Upload Details

Review file details below. Click the file name to download the original file.

Data Source: [TestNOPUpload1 - Error.xlsx \(XLSX, 143 KB\)](#)
The file was uploaded by Cathie Allyn on 09/15/2015 at 9:54 AM.

Publication Scope: Operations and Certification Items
Upload certified operations and certification items.

File Upload Status: Error
Operations were not loaded in the Staging Area due to data validation errors.

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Imports/Exports (Upload fails – validation errors 2)



Certifying Agent

- ☑ Certifying Agent

Published Operations

- 📄 Published Operations
- 📄 Publication History

Staging Area (SA)

- Staging Area

Actions

- ✖ Clean Up & Unlock
- 👤 Exit Profile

My Staging Area (Locked)

The Staging Area is an intermediate location used for certified operations editing and processing and only authorized users could access it. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

Staging Area is locked, but operations were not uploaded.
There are validation errors - review them below.
Fix errors and upload the file again, upload another file or clean up the area.

For more information about Staging Area see [Guidelines and Reference Materials](#).

📄 Upload Another File...
✖ Clean Up & Unlock

File Upload Details
File Validation Errors and Warnings (4)

File Validation Errors and Warnings

The following file validation errors were found. Validation errors prevents operations from being uploaded. Click **Export To File** below to download the uploaded file with embedded validation messages (see Errors or Warnings worksheets there).

Show Messages: Errors (3) Warnings (1) All (4) 📄 Export To File

Type	Worksheet	Row	Message
✖ Error	Operation Level	5	Cell H5 (column "Effective Date of Operation Status") The column "Effective Date of Operation Status" is required, but no value was provided.
✖ Error	Operation Level	6	Cell K6 (column "Effective Date of CROPS Status") Effective Date of CROPS Scope Status was not provided for an operation with "7286543210" Operation ID. Effective Date of an operation scope status is required for any scope status except "Not Certified".
✖ Error	Operation Level	8	Cell A8 (column "Operation ID") Incorrect NOP Operation ID 1236543753. The first three digits of the identifier don't match the certifier's code 728.

⬆ Top

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Imports/Exports (Operations uploaded)



Certifying Agent

Certifying Agent

Published Operations

Published Operations

Publication History

Staging Area (SA)

Staging Area

Operations (4)

Recently Modified

Actions

Validate Operations

Publish Operations...

Export To File

Clean Up & Unlock

Exit Profile

My Staging Area (Locked)

The Staging Area is an intermediate location used for certified operations editing and processing and only authorized users could access it. The Publication procedure moves operations from the Staging Area to the data warehouse and release them to public.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

The Staging Area contains operations from the uploaded file.

Use options below or use menu items on the left (under the Staging Area and Actions sections) to review/edit operations or initiate actions.

For more information about Staging Area see [Guidelines and Reference Materials](#).

 **Publish Operations...**

 **Validate Operations...**

 **Export To File**

 **Clean Up & Unlock**

File Upload Details | File Validation Messages (0)

File Upload Details

Review file details below. Click the file name to download the original file.

Data Source:  **TestNOPupload1.xlsx (XLSX, 143 KB)**
The file was uploaded by **Cathie Allyn** on **09/15/2015** at 10:26 AM.

Publication Scope: Operations and Certification Items
Upload certified operations and certification items.

File Upload Status: In Staging Area
Validation complete, file's data is in the Staging area - pending publishing.

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Imports/Exports (Operations in Staging Area)



Certifying Agent

Certifying Agent

Published Operations

Published Operations

Publication History

Staging Area (SA)

Staging Area

Operations (4)

Recently Modified

Actions

Validate Operations

Publish Operations...

Export To File

Clean Up & Unlock

Exit Profile

My Staging Area - Certified Operations (4)

The page displays certified operations in the Staging Area. Select an operation to edit or use menus on the left to process operations.

Certificadora Mexicana de Productos y Procesos Ecologicos SC (Certifying Agent)

The following certified operations are in the Staging Area now. Use filters to find an operation, click **Open** on the left to open an operation profile. Click **Refresh** to reset operation filters and reload data.

Display: All Modified New Unchanged 

Export To File

[+ Add a new Operation...](#) 

	Certified Operation	Status	Location		
	<input type="text" value="7284567894 (4567)"/>	Any			
	 7284567894 (4567) ABC Organic Garden CR HL LS WC	Certified	123 Kinderstrasse Unit 231 Heidelberg, CA 12345 UNITED STATES	 Open	 Delete
	 7284567890 (ABD-gh-56) Jenny's Farm CR HL LS WC	Certified	123 Kinderstrasse Unit 231 Heidelberg, AK 12345 UNITED STATES	 Open	 Delete
	 7286543210 (A-123-anb) John's Farm CR HL LS WC	Certified	87 Kelly Dr Edison, CO 77898 UNITED STATES	 Open	 Delete
	 7286543753 (CFSDFHJ) XYZ Farm CR HL LS WC	Certified	87 Kelly Dr Edison, FL 77898 UNITED STATES	 Open	 Delete

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Database Launch – Populating Existing Data



- **Parsing 2014 Dataset**

- Out of the **176,313** extracted products produced (from all products produced lists for all certified operations)
- We expect to be able to map **80-90%** of those products/items to NOP Taxonomy Items or Scopes

Database Launch – Populating Existing Data



A	B	C	D	E	F	G
ID	Scopes	NOP Taxonomy ID	NOP Scope	NOP Item Name	Product	Source
1	26976	CR	327	CROPS	Arugula	Crops: Arugula
36		60	CROPS	Bean Sprouts	Bean	Crops: Arugula, Bean, Beet, Broccoli, Burdock, Cabbage, Calendula, Carrot, Cauliflower, Celeriac, Chard, Collard, Corn, Cucumber, Eggplant, Garlic, Kale, Leek, Lettuce_Butterhead, Lettuce_Romaine, Melon, Mixed flowers, Mustard Greens, Onion, Onion_Storage, Parsley, Parsnip, Pepper, Pepper_Sweet, Pole Bean, Potato, Radish, Rutabaga, Squash, Strawberry, Sunchoke, Tomato, Tomato_Heirloom, Turnip, Winter squash; Products: Vegetable Seeds
37		63	CROPS	Beets	Beet	
38		77	CROPS	Broccoli	Broccoli	
39		83	CROPS	Burdock	Burdock	
40		84	CROPS	Cabbage	Cabbage	
41		87	CROPS	Calendula	Calendula	
42		100	CROPS	Carrots	Carrot	
43		105	CROPS	Cauliflower	Cauliflower	
44		107	CROPS	Celeriac	Celeriac	
45		111	CROPS	Chard	Chard	
46		136	CROPS	Collards	Collard	
47		140	CROPS	Corn	Corn	
48		145	CROPS	Cucumbers	Cucumber	
49		158	CROPS	Eggplant	Eggplant	
50		178	CROPS	Garlic	Garlic	
51		216	CROPS	Kale	Kale	
52		231	CROPS	Leeks	Leek	
53			CROPS		Lettuce_Butterhead	
54			CROPS		Lettuce_Romaine	
55		262	CROPS	Melons	Melon	
56		173	CROPS	Flowers	Mixed flowers	
57		285	CROPS	Onions	Mustard Greens	
58			CROPS		Onion	
59			CROPS		Onion_Storage	
60		296	CROPS	Parsley	Parsley	
61		297	CROPS	Parsnips	Parsnip	
62		308	CROPS	Pepper	Pepper	
63			CROPS		Pepper_Sweet	
64		61	CROPS	Beans	Pole Bean	
65		323	CROPS	Potatoes	Potato	
66		332	CROPS	Radishes	Radish	
67						

Database Launch – Populating Existing Data



- **Parsing 2014 Dataset**

- Basic rules used:
 - If an operation is only certified for one scope, all products are mapped to that scope
 - If an operation is certified for Crops and Handling:
 - all products that can be mapped to an item under Crops *or* Handling are mapped to the appropriate item under the scope
 - all products that can be mapped to an item under Crops *and* Handling are mapped to Crops
 - all products that cannot be mapped to an item are mapped to Crops scope
 - These basic rules resolved scope mapping for 86% of operations
- Products were not mapped to Categories, only to Scopes and Items

- **We look forward to receiving your updated data**

Release 1 Priorities: September 2015



User Accounts
(Certifier Profiles/
Accounts)

Operation Data
Elements
(Dictionary)

Scope/Product
Taxonomy

Certifier
Imports/Exports
(Excel, User
Interface)

Certifier/NOP
Workflow and
Interfaces

Public Access
Interfaces
(Search and
Reports)

Certifier/NOP Workflow and Interfaces



- Certifier/NOP searches and data displays (same format as public search and data display, but includes data to improve compliance and enforcement)
- Managing reinstatements (how to prevent suspended operations from getting certified without reinstatement – see above)
- Managing operation records if certifier accreditation is surrendered or suspended
- Adding certifiers and scopes over time

Release 1 Priorities: September 2015



User Accounts
(Certifier Profiles/
Accounts)

Operation Data
Elements
(Dictionary)

Scope/Product
Taxonomy

Certifier
Imports/Exports
(Excel, User
Interface)

Certifier/NOP
Workflow and
Interfaces

Public Access
Interfaces
(Search and
Reports)

Public Interfaces (Basic Search)



Welcome to the Organic INTEGRITY Database!

Find a specific certified organic farm or business, or search for an operation with specific characteristics. Listings come from USDA-accredited certifying agents. The current list is a snapshot from January 2015, with all businesses and partial product lists. New listings will be posted throughout Fall 2015. Download Microsoft Excel workbooks with full data sets from: 2013, 2012, 2011, 2010. Only certified operations can sell, label or represent product as organic, unless exempt or excluded from certification.

Certifying Agent: [Reset](#)

[Export To Excel](#)

Certifying Agent	Operation	Status	City	State/Province	Country	Certified Products
A Bee Organic	Jennys farm	i Certified	Heidelberg	CA	UNITED STATES	Handling: Coconut Wild Crops: Cattle
Agricultural Services Certified Organic	A Bee Organic	i Suspended	Granada Hills	CA	UNITED STATES	Crops: Organic Sunflower SeMore
Aus-Qual Pty. Ltd.	ARGENCERT SA	i Revoked	Fallbrook	CA	UNITED STATES	Crops: Organic Sunflower SeMore
Australian Certified Organic Pty Ltd	Australian Certified Organic Pty Ltd	i Certified	San Clemente	CA	UNITED STATES	Crops: AppleMore
Baystate Organic Certifiers	Baystate Organic Certifiers	i Surrendered	Pauma Valley	CA	UNITED STATES	Crops: Organic Sunflower SeMore
BCS Oeko-Garantie GmbH	BCS Oeko-Garantie GmbH	i Suspended	Vista	CA	UNITED STATES	Crops: Organic Sunflower SeMore
BioAgriCert	Bloagricert	i Revoked	Gardena	CA	UNITED STATES	Crops: Organic Sunflower SeMore
Boliviana de Certificacion - Bollicert	Boliviana de Certificacion - Bollicert	i Certified	Gaviota	CA	UNITED STATES	Crops: Organic Sunflower SeMore
CAAE Certification Service	CAAE Certification Service	i Surrendered	City Of Industry	CA	UNITED STATES	Crops: Organic Sunflower SeMore
CCOF Certification Services, LLC	CCOF Certification Services, LLC	i Suspended	Newbury Park	CA	UNITED STATES	Crops: Organic Sunflower SeMore

48 items in 5 pages

Public Interfaces (Basic Search)



Welcome to the Organic INTEGRITY Database!

Find a specific certified organic farm or business, or search for an operation with specific characteristics. Listings come from USDA-accredited certifying agents. The current list is a snapshot from January 2015, with all businesses and partial product lists. New listings will be posted throughout Fall 2015. Download Microsoft Excel workbooks with full data sets from: 2013, 2012, 2011, 2010. Only certified operations can sell, label or represent product as organic, unless exempt or excluded from certification.

Certifying Agent: [Reset](#)

[Export To Excel](#)

Certifying Agent	Operation	Status	City	State/Province	Country	Certified Products	
A Bee Organic	Jennys farm	i Certified	Heidelberg	CA	UNITED STATES	Handling: Coconut Wild Crops: Cattle	
Agricultural Services Certified Organic	A Bee Organic	i	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Operation Details</p> <p>Contact Name: Patrick Raymond</p> <p>Address: 920 Calle Negocio Ste. D, San Clemente, CA 92673</p> <p>Phone: 760 505 8601</p> <p>Email: ctenimore@solutionsforchange.org</p> <p>Web URL: www.jennysfarm.com</p> <p>Operation ID: 6548656891</p> </div>			UNITED STATES	Crops: Organic Sunflower SeMore
Aus-Qual Pty. Ltd.	ARGENCERT SA	i				UNITED STATES	Crops: Organic Sunflower SeMore
Australian Certified Organic Pty Ltd	Australian Certified Organic Pty Ltd	i				UNITED STATES	Crops: AppleMore
Baystate Organic Certifiers	Baystate Organic Certifiers	i				UNITED STATES	Crops: Organic Sunflower SeMore
BCS Oeko-Garantie GmbH	BCS Oeko-Garantie GmbH	i				UNITED STATES	Crops: Organic Sunflower SeMore
BioAgriCert	Bloagricert	i Revoked	Gardena	CA	UNITED STATES	Crops: Organic Sunflower SeMore	
Boliviana de Certificacion - Bollicert	Boliviana de Certificacion - Bollicert	i Certified	Gaviota	CA	UNITED STATES	Crops: Organic Sunflower SeMore	
CAAE Certification Service	CAAE Certification Service	i Surrendered	City Of Industry	CA	UNITED STATES	Crops: Organic Sunflower SeMore	
CCOF Certification Services, LLC	CCOF Certification Services, LLC	i Suspended	Newbury Park	CA	UNITED STATES	Crops: Organic Sunflower SeMore	

48 items in 5 pages

Public Interfaces (Advanced Search)



Advanced Operation Search

Keyword:

Certifiers:

Operations:

Operation Status:

Check All

Certified

Surrendered

Suspended

Revoked

Taxonomy:

Scope:

Check All

Crops

Handling

Livestock

Wild Crops

Scope Status:

Check All

Certified

Surrendered

Suspended

Certified Products:

Enter One or More Products

Certificate Number:

Search Summary

Certifying Agent: All **Country:** UNITED STATES

Operation Status: Certified **Scope Status:** Certified

[Reset All Filters](#) [Export To Excel](#)

Certifying Agent	Operation	Status	City	State	Country	Certified Products
A Bee Organic	Jennys farm	Certified	Heidelberg	California	UNITED STATES	Handling: Coconut Wild Crops: Cattle
Australian Certified Organic Pty Ltd	Australian Certified Organic Pty Ltd	Certified	San Clemente	California	UNITED STATES	Crops: AppleMore
Boliviana de Certificacion - Bolcert	Boliviana de Certificacion - Bolcert	Certified	Gaviota	California	UNITED STATES	Crops: Organic Sunflower SeMore
Certkeys	Colorado Department of Agriculture	Certified	Los Angeles	California	UNITED STATES	Crops: Unused Land,Orchard,More
ECOCERT ICO	ECOCERT ICO	Certified	Reedley	California	UNITED STATES	Crops: Unused Land,Orchard,More
Food Safety S.A.	Georgia Crop Improvement Association, Inc.	Certified	Long Beach	California	UNITED STATES	Crops: Organic Barley SeedsMore
Institute for Marketecology - Switzerland	Institute for Marketecology - Switzerland	Certified	Long Beach	California	UNITED STATES	Crops: Organic Barley SeedsMore
LACON GmbH	Leticia S.A.	Certified	Gardena	California	UNITED STATES	Crops: Organic Barley SeedsMore
Monterey County Certified Organics	Natural Food Certifiers	Certified	Fallbrook	California	UNITED STATES	Crops: Chia, sesame,soybeanMore
New Jersey Department of Agriculture	Northeast Organic Farming Association Of New York	Certified	Lucerne Valley	California	UNITED STATES	Crops: Chia, sesame,soybeanMore

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Next Steps...



1. We will be at Expo East Exhibit Hall in Baltimore, MD at the NOP Booth (#120) on Thursday and Friday this week. Stop by and see us between 10 am and 6 pm each day!
2. Send your list of *INTEGRITY* Lead staff (with email addresses) who will manage your user accounts to INTEGRITY@ams.usda.gov
3. Register for your eAuth Level 1 account now – you will be able to use the same account to log into the certifier training area in the test environment starting September 30th and to register for *INTEGRITY* in November.
4. We are in the testing and review phase of the certifier functionality: uploading the template, editing or adding an operation, user account management.
5. Starting September 30th, you will be able to explore that functionality and download your 2014 data in the new template, with initial product mapping to new taxonomy, from the certifier training area. If you would like access to the certifier training area, send your request including the name and the email address you used to register for eAuth to INTEGRITY@ams.usda.gov and we will create a test account for you.
6. Release 1 functionality for certifiers will go live at the beginning of November; demo and training will be provided in early November.

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... More Next Steps



7. We will work closely with certifiers to facilitate transition to new system. This includes the option to provide a copy of your new data in the old format and have it converted and returned to you for review prior to upload.
7. User groups will be convened – let us know if you'd like to join one by sending an email with your system type to INTEGRITY@ams.usda.gov
8. We have created a CloudVault folder for all certifiers to access information resources for the *INTEGRITY* database while we transition to the new system. We will upload these slides, the template, and additional resources as they are developed. We will also provide a link to the recording of today's webinar.

Contact the Team Anytime!

Stacy.Swartwood@ams.usda.gov – NOP

Kristin.Tensuan@ams.usda.gov – ITS

INTEGRITY@ams.usda.gov

Access Information Resources

<https://www.cloudvault.usda.gov/public.php?service=files&t=8ad622e2f374410c1ca30b3bd49b003d>