

Aura Survey Designer

AURA SURVEY DESIGNER

❖ AURA Survey Designer

- Overview
- Platform
- Responsive
- Paper/CAWI/CAPI

AURA Survey Designer

- ▶ ***Single Platform*** handling multiple modes for outreach and feedback (*paper, web, mobile*)
- ▶ Web Responsiveness - Device and web browser agnostic design adapts to different screen sizes, resolutions, and devices like smart phones (Android/IOS), tablets, and laptops/desktops with no horizontal scrolling
- ▶ Human Centered design for ease of use by ***Dynamic Survey Personalization*** based on user responses
- ▶ Offline data collection capability with auto synchronization when the internet connectivity is restored
- ▶ Multi-Lingual support (English and Spanish)

AURA Survey Designer

Survey Designer – Front End Application / User interface to create questionnaires. Windows client application

Aura Server – Windows server application. Back End Server / Brain / Heavy duty processing. Responsible for Authentication, Authorization, Database read & write, Integration with NASS systems like MRS, SMS etc. and Assembly process.

CAWI – Respondent web application

CAPI - Enumerator Mobile Application

TESTING ENVIRONMENTS – Alpha and Beta

AURA Survey Designer

- ▶ Developed for NASS for the 2017 Census of Agriculture
 - ▶ Over 2.1M
- ▶ AURA Platform
 - ▶ Business User -
 - ▶ No IT intervention in the development/design process
 - ▶ Role-based access
 - ▶ Generates multi-mode
 - ▶ Integration with upstream/downstream systems
 - ▶ Multi-lingual support (English and Spanish)
 - ▶ Auto generated Pseudo Images from PDFs

AURA Survey Designer

- ▶ AURA Platform (cont.)
 - ▶ Customer -
 - ▶ Web responsive
 - ▶ Dynamic Personalization
 - ▶ Offline capability
 - ▶ Multi-lingual
 - ▶ Auto generated Pseudo Images from PDFs/HTML form printed

Recipes

A set of instructions for preparing a particular “dish”, including a list of the ingredients required.

Paper Recipe

Web Recipe

Recipes

Global Recipe = Recipe applied to multiple states

State Recipe = Recipe applied to a specific state

Paper Components

Types Of Paper Components

- ▶ **Paper Configuration**
- ▶ **Paper Section**
- ▶ **Paper Question**
- ▶ **Paper Header**
- ▶ **Paper Footer**
- ▶ **Page Break**
- ▶ **Empty Page**

Paper Configuration

- ▶ **Paper configuration component is used for defining :**
 - ❖ **Margins**
 - ❖ **Size**
 - ❖ **Layouts**
 - ❖ **Orientation**
 - ❖ **Headers & Footers**
- ❖ **Configuration is automatically copied to any new component created in that recipe**
- ❖ **If no configuration component : We have default margins and fonts that are applied**

WYSIWYG RTF Editor

- ▶ Microsoft Word Replacement
- ▶ Compatible RTF/DOC/DOCX formats
- ▶ MRS Integration
- ▶ Auto Question Numbering
- ▶ Auto Question Indentation
- ▶ Variables

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File Home Insert Page Layout View References Review Table Tools Designer Tools

Custom Table Dot Leader Underline Leader Precision String Unit Of Measure Item Code Insert Variable Question Number Indentation Checkbox Radio Button Objects Alignment Table Grid Lines Web

5. Did you **sell** any honey during **[INSTANCE_YEAR]**? (Include sales of honey produced in **[INSTANCE_YEAR MINUS 1]**.)

720 Yes - Continue No- Go to Item 7

6. Please report **[INSTANCE_YEAR]** sales of honey, by class and by year of production. Report the pounds sold and dollars received in **[INSTANCE_YEAR]** by this operation for honey produced by this operation in **[INSTANCE_YEAR_MINUS_1]** and **[INSTANCE_YEAR]**. (Do not include resale of honey produced by another operation.)

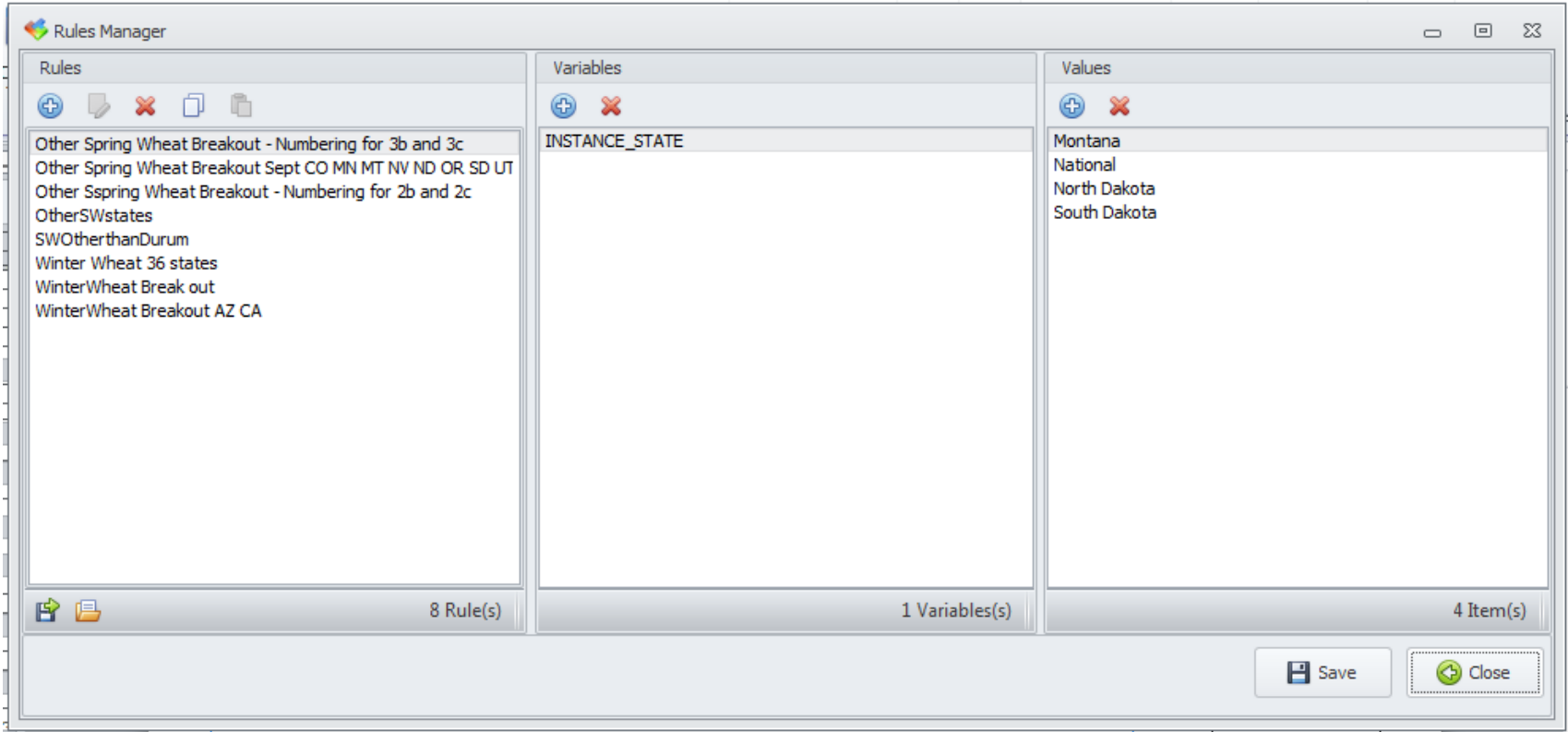
HONEY COLOR CLASS	MARKETING CHANNEL	HONEY PRODUCED BY THIS OPERATION IN [INSTANCE_YEAR]		HONEY PRODUCED BY THIS OPERATION IN [INSTANCE_YEAR MINUS 1]	
		Pounds Sold in [INSTANCE_YEAR]	Dollars Received in [INSTANCE_YEAR] ^{1/}	Pounds Sold in [INSTANCE_YEAR]	Dollars Received in [INSTANCE_YEAR] ^{1/}
Water white.	Sales to Cooperatives (Exclude non-member sales)	727		725	
	Sales to Private Processing Companies (Includes non-member sales to	723	724	721	722

Editor Features

Designer Tools - TAB

- ▶ **Custom Tables**
- ▶ **Dot / Underline Leaders**
- ▶ **MRS Integration**
 - ❖ **Precision String**
 - ❖ **Unit Of Measure**
 - ❖ **Item Code**
- ❖ **Variables**
- ❖ **Question Numbering**
- ❖ **Indentation**
- ❖ **Checkbox & Radio Button**
- ❖ **Formatting**
- ❖ **Content Rules**

Rule Manager



Rules are evaluated to TRUE or FALSE based on variables values

Rule Manager

Types of rules:

- ❖ **Components Visibility**
 - ❖ **Component Content**
-
- ▶ **Visibility Rules** are applied to components – If evaluated true the component will be included in assembly
 - ▶ **Content Rules** are applied to component text – If evaluated true the content will be included in assembly

Questions



▶ **Demo to follow**