



**WEBINAR**



# Genesis R&D Foods Tips for Success Searching for Recipes & Ingredients

**Presented by ESHA Research**

Wednesday, Oct 20, 2021

11:00 AM PDT | 1:00 PM CDT | 2:00 PM EDT



# ESHA Research

ESHA Research was established in 1981 as one of the very first nutrition software solutions. Today, ESHA's suite of nutritional software products, services, and databases are recognized as the industry's top choice for food and supplement formulation, recipe development, labeling, nutritional analysis, and regulatory compliance.

## **ESHA Solutions**

- Genesis R&D<sup>®</sup> Food Formulation
- Genesis R&D<sup>®</sup> Supplement Formulation
- Food Processor<sup>®</sup> Nutrition & Diet Analysis
- Consulting Services

Our mission is to help remove the complexity of product development and regulatory compliance for the food, beverage, and supplement industries through software, services, and nutritional databases.



# Genesis R&D Foods

Genesis R&D Foods, first released in 1991, is designed to help users manage processes, overcome industry challenges, and meet federal requirements. Industry professionals use Genesis R&D for quick and accurate nutrient evaluation, virtual product development, nutrition labeling, and regulatory compliance.

- Product Development
- Formulation Analysis
- Menu Analysis
- Reporting
- Regulatory Compliance





# Upcoming Webinars

## **November 17, 2021 | Genesis R&D Foods Version 11.11 Update Overview**

The latest update of Genesis R&D Foods, Version 11.11, is available.

During this webinar we will cover the newest features and program enhancements.

To view archived webinars or sign up to receive notifications, visit:

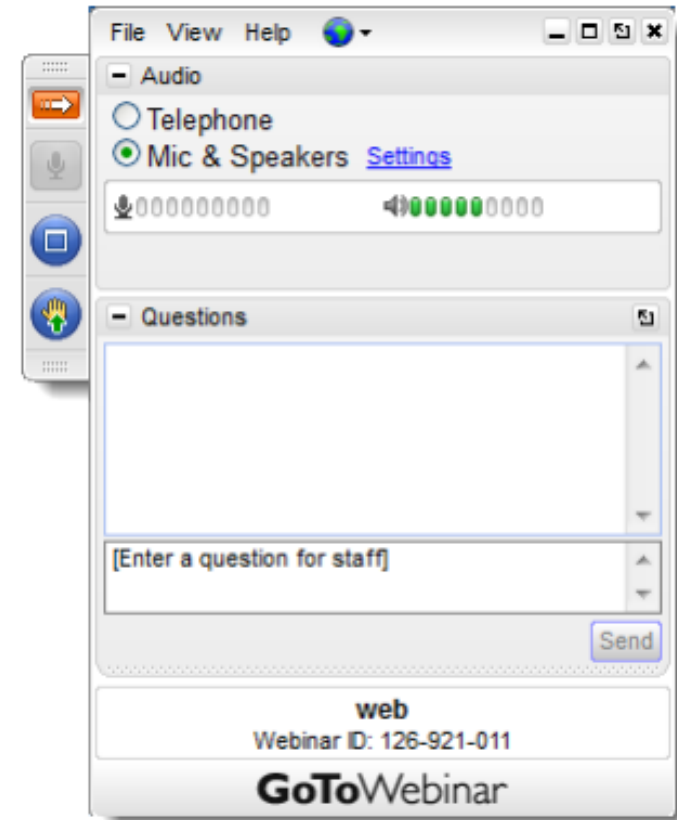
[www.asha.com/news-events/webinars](http://www.asha.com/news-events/webinars)



# Please Note!

- ✓ The webinar is being recorded
- ✓ All webinars available on our website
- ✓ Submit your questions in the GoToWebinar control panel
- ✓ We'll email a copy of the recording and the slides following the webinar

WEBINAR



# What We'll Cover Today



- Searching
- Nutrient/F5 Search
- Advanced Searches
- Ingredient - Where Used Search
- Search with Groups
- Q&A







# General Searches for Ingredients & Recipes

- By name
  - Using consistent naming conventions helps with searches
- Product and Supplier
- Codes

Open Ingredient

Search

2

Advanced Search... New...

Total Items = 1

Item Name	ESHA	Gov. Code	Product	Supplier
milk, 2%, with vitamins A & D	2	1079	USDA	USDA SR-Leg...



# Search Return Results

In this order:

- Frequently used items
- User-added items
- Remaining matches

Default limit of 400 items

- Adjust or remove this limit in MyPreferences

Display Columns

- Right-click to choose the fields displayed on this screen

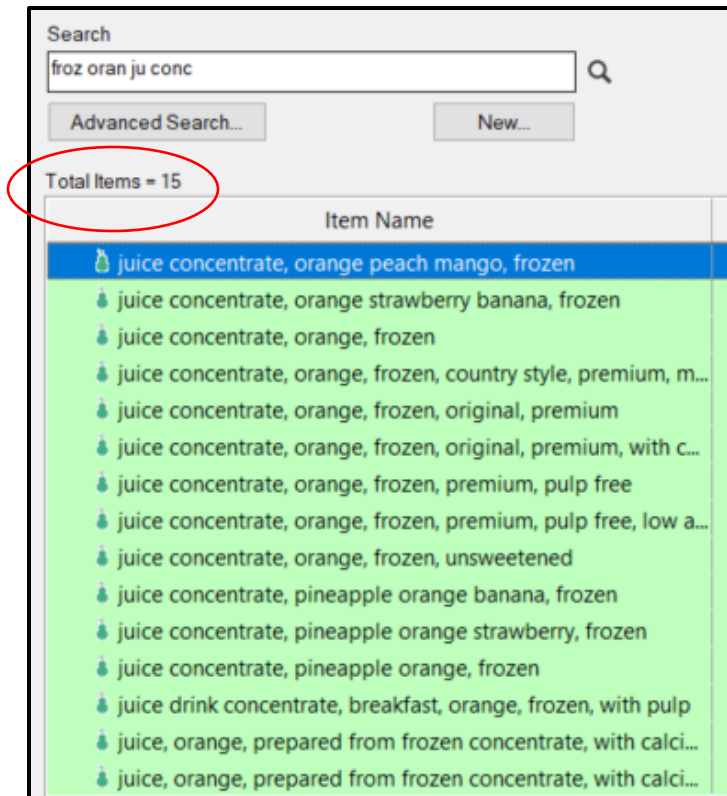
Item Name	User Code	ESHA	Gov. Code	Product	Supplier	Modify Date
flour, all purpose, white, unbleached, enriched		38188	20581	USDA	USDA SR-Legacy	09/14/2021
flour, all purpose, white, bleached, enriched		38030	20081	USDA	USDA SR-Legacy	01/27/2020
flour, all purpose, white, unbleached		64340	6642	Canadian Nutrient File	Health Canada (Ca...	
flour, all purpose, white, unbleached, enriched WEB 3 US	FLOUR WEB			USDA	USDA SR-Legacy	03/09/2021
flour, all purpose, white, bleached WEB 3 CAN	FLOUR AP BL WEB C...			Canadian Nutrient File	Health Canada (Ca...	03/09/2021
sesame flour Webinar 2021.07.14				USDA	USDA SR-Legacy	07/14/2021
almond flour		105609		Now	Now Foods	07/13/2021
corn flour, white, masa, enriched		38005	20017	USDA	USDA SR-Legacy	





# Searching with Name Fields

- Broader or narrower per the search term
  - Partial Word Search
    - Omit end of the word for singular and plurals: “strawberr”
    - Use parts of words or phrases if unsure of spelling or for broader search: “broc”, “froz oran ju conc”
- “Total Items” gives you feedback on the search results





# Whole Word Search

Whole word search (also known as the “dot search”) limits the search to only whole words. To perform a whole word search, enter a period following the food name.

Searching for “tea” will show:

- “sprouts, soybean, **steamed**”
- “beef, flank, **steak**”

vs.

Searching for “tea.” will show:

- “tea leaves”
- “iced tea”





# Product & Supplier

Include the Product and/or Supplier name when searching

- Product
  - Brand or product line
- Supplier
  - Larger entity/source of information
  - Manufacturer
  - Supplier

Choose from lists or you can add Product and Suppliers to your software

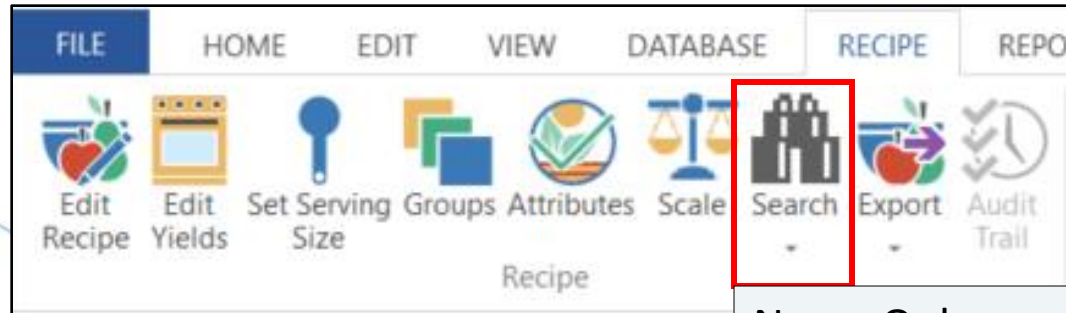


# Code Searches

- ESHA Code - for ESHA Database items
  - Ingredients - no ESHA Code indicates items that you have added
- User Code
  - User assigned
  - Must be unique for each Ingredient and Recipe
- Government Codes – for government provided database items
  - USDA
  - Canadian Nutrient File
  - UK Database



# Function Key Searches



Name Only	F4
Nutrient Search	F5
User Code	F6
Recipe Only	F7
Name/ESHA Code	F8 — this is the default search
Government Code	F11



# F5 – Nutrient Search

- Find ingredients that contain desired nutrient content
  - Select nutrient
  - Set parameters
    - Using <, >, =, etc.
  - Can include additional filters
- General search to see what foods report a specific nutrient
  - Trans Fat
  - Added Sugars
  - Vitamin D

Nutrients	Value
Added Sugar (g)	>= 0

Search For:

Limit:

Group(s):

Include ALL Groups (AND)  
 Include ANY Group (OR)

Search Cancel





# Advanced Search

Filter by:

- Name
- Government Code
- ESHA Code (ESHA Database items only)
- User Code
- Groups

AND/OR Searches

Advanced Search Options

Search By

Name

Gov. Code

ESHA Code

User Code

Search By Groups

Select..

Clear

Include ALL groups (AND)

Include ANY group (OR)

Search Cancel



# Where-Used Search

- Find the Recipes that use a specific ingredient
- Perform Advanced Search to find list of Recipes
- Export the list of Recipes to capture those that contain the ingredient

Advanced Search Options

Search By

Name

Gov. Code

ESHA Code

User Code

Search By Groups

Select..

Clear

Include ALL groups (AND)


Include ANY group (OR)

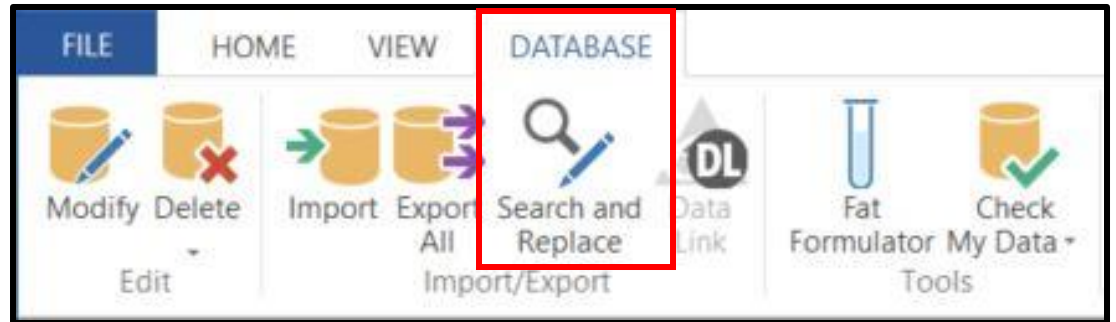
Search within items for matches to the above criteria.

Search Cancel



# Search & Replace

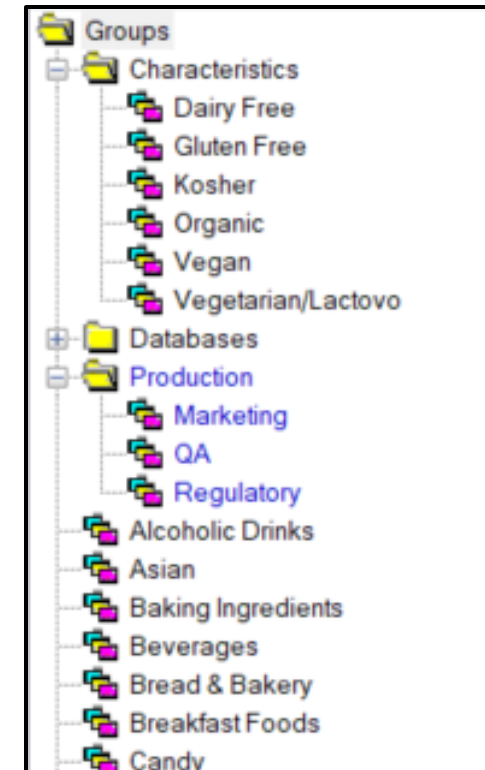
- Replace *Ingredient A* with *Ingredient B* in all of the Recipes where *Ingredient A* occurs
  - Change of supplier
  - Change of product spec
  - Change of formulation
- You have already performed the where-used search
  -  A word of caution – capture the “where-used” list to record the set of Recipes before replacing; in case you need to revert





# Search with Groups

- Assigning Ingredients and Recipes to Groups helps filter and find items
- Groups can be used to suit your organizational needs
  - Food types or characteristics
  - Product status or workflow
  - Projects or clients





# Genesis R&D Training

## Genesis R&D Foods Professional + FDA Regulations

This 2-day training session covers the fundamentals of the Genesis R&D Food program with a primary focus on FDA regulations: creating ingredients and composite ingredients, building recipes/formulas, nutrition analysis, moisture loss, reporting, labeling, best practices, and much more. In addition, this session covers a comprehensive FDA regulatory review.

## Genesis R&D Foods Advanced Training

The 1-day Advanced session builds upon the skills learned in the Professional training and offers deeper learning on topics including PDCAAS, International Food Labeling, Advanced Label Settings, and more.

Title	Date	Location
Genesis R&D Foods Professional + FDA Regulations Genesis R&D Foods Advanced	Nov. 2-3, 2021 Nov. 4, 2021	<b>IN-PERSON &amp; Online</b> ESHA Training Center Oak Brook, IL
Genesis R&D Foods Professional + FDA Regulations Genesis R&D Foods Advanced	Nov. 30 – Dec. 1, 2021 Dec. 2, 2021	Online only
<b>Look for 2022 schedule soon</b>		

### Session Options:

- 3-day Combined Professional + Advanced Training
- 2-day Professional Training
- 1-day Advanced Training (Prerequisite: Professional Training)

**Contact:** [training@esha.com](mailto:training@esha.com) or **Visit:** <https://esha.com/news-events/training-schedule/>

QUESTIONS?



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