



WEBINAR



**Food Processor Update Version 11.9
featuring FoodProdigy**

Presented by ESHA Research

Wednesday, January 13, 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 and dietary analysis, and regulatory compliance.

ESHA Solutions

- Genesis R&D[®] Food Formulation
- Genesis R&D[®] Supplement Formulation
- Food Processor[®] Nutrition & Diet Analysis
- Consulting Services



Food Processor

ESHA's Food Processor® Nutrition Analysis software combines an extensive and meticulously researched food and ingredient database with an uncluttered, easy-to-use interface for accurate and comprehensive nutrition analysis. Since 1984, Nutritionists, Dietitians, Restaurants, and Educational Facilities have used the Food Processor Analysis tool to analyze menus, diets, foods, recipes, and even fitness needs of their clients.

- Dietary Intake Analysis
- Fitness Tracking
- Recipe Analysis
- Menu Planning
- Reporting



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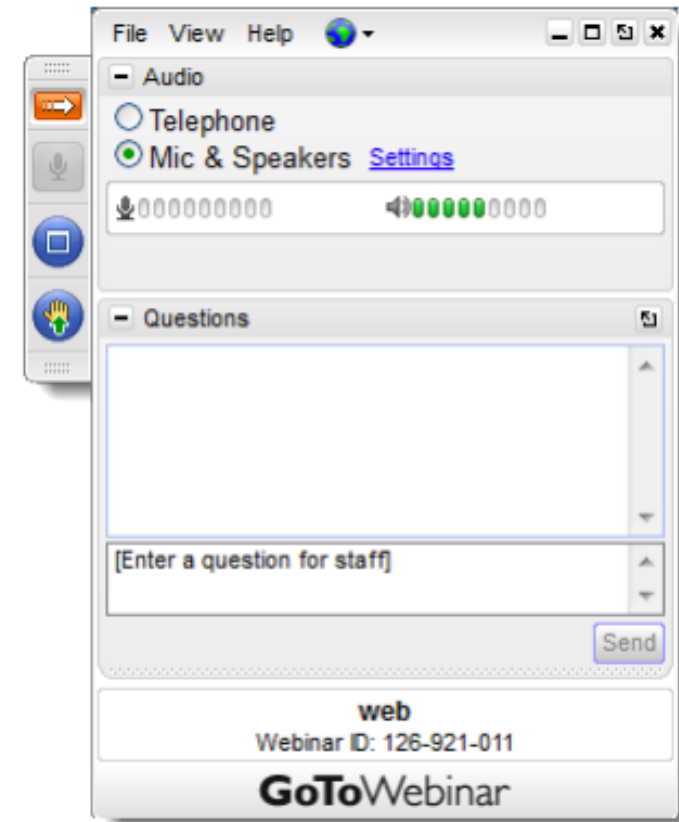
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WEBINAR



What We'll Cover Today



- Food Processor update 11.9
- ESHA Database updates
 - Including foods from the FoodData Central Brands database
- FoodProdigy
 - User Interface (UI) redesign
 - Overview





ESHA Nutrition Database Updates

With this update, the Food Processor database now has around 130,000 unique items.

- Added: select set of the FoodData Central (FDC) Brands database
- Over 20,000 brand-name foods
- Updated: brand-name foods and manufacturer foods





FoodData Central (FDC)

FDC is a central system/location for USDA ARS and partners to house food and nutrition data

<https://fdc.nal.usda.gov/>

Database Collections available on FDC

- USDA Standard Reference Legacy Release (SR Legacy)
 - “USDA Database” – has been included in ESHA software for decades
 - “Retired” project, but still useable and a reliable source of information
 - Will remain available, likely for some time
- FNDDS – Food and Nutrient Database for Dietary Studies – used for national surveys and studies
- Foundation Foods – growing collection that will partially replace SR database over time
- Experimental Foods – for research but not necessarily suitable for public or consumer use
- USDA Global Branded Food Products Database (Branded Foods)
 - USDA – public-private partnership
 - Data submitted by and collected from manufacturers and distributors
 - Branded and private label foods
 - Updates of existing foods and new, branded items

FoodData Central Website



The screenshot shows the homepage of the FoodData Central website. At the top, the browser address bar displays 'fdc.nal.usda.gov/index.html'. Below the browser, a banner identifies it as an official website of the United States government. The main header includes the USDA logo and the text 'U.S. DEPARTMENT OF AGRICULTURE Agricultural Research Service'. A navigation menu is located below the header, with 'HOME' highlighted. The main content area features a large image of various fruits (grapes, raspberries, blueberries, strawberries, and apples) with a dark overlay containing the text 'FoodData Central' and a search bar with a magnifying glass icon.



FDC Branded Foods by the Numbers

- 341,500+ foods in the FDC Branded Foods database
- ~20,000 FDC Branded Foods included in Food Processor 11.9 – released December 2020
- Expect to see the 15 *Nutrition Facts* 2016 label nutrients for most
 - Some foods may report more depending on what each manufacturer submits
 - Rounded, label data for most – manufacturers have the choice to submit 100g or label data

Nutrition Facts	
2 servings per container	
Serving size 1 cup (140g)	
Amount per serving	
Calories 170	
Total Fat 8g 16%	
Saturated Fat 3g 6%	
Trans Fat 0g 0%	
Cholesterol 0mg 0%	
Sodium 60mg 3%	
Total Carbohydrate 27g 9%	
Dietary Fiber 0g 0%	
Total Sugars 25g 50%	
Includes 22g Added Sugars 44%	
Protein 3g 6%	
Vitamin D 5mcg 25%	
Calcium 20mg 4%	
Iron 1mg 2%	
Potassium 230mg 4%	



ESHA's Value Added Information

- **Calcs and Checks** – checks the submitted data and calculates additional fields (kJ, Available Carbs, Vit D IU, cascading zeroes, etc.)
- **Names** – translate FDC names to ESHA conventions and provide consistency and additional descriptions as needed

ESHA Code	FDC Name	ESHA Name
210005	BOURBON & BROWN SUGAR GRILL STYLE BEANS	baked beans, bourbon & brown sugar grill style
210500	COOKIES	cookie, original chocolate chip, Nice
213987	HOT DOG ROLLS	bun, hot dog
214902	BUTTERNUT SQUASH MAC & SQUASH	macaroni & cheese, butternut squash, frozen

Item Name	ESHA Code	Gov. Code	Product	Supplier
baked beans, bourbon & brown sugar grill style	210005	356811	FoodData Central: Supervalu	USDAARS FoodData Central
cookie, original chocolate chip, Nice	210500	402068	FoodData Central: Walgreens	USDAARS FoodData Central
bun, hot dog	213987	568653	FoodData Central: Bakers Pride	USDAARS FoodData Central
macaroni & cheese, butternut squash, frozen	214902	577110	FoodData Central: Marie Callender's Retail Foods	USDAARS FoodData Central



FoodProdigy

FoodProdigy is the online companion to the Food Processor.

- Clients can conveniently and immediately document their daily dietary intakes and activities from their personal computer
- You can import their data for detailed analysis
- Saves data entry time allowing increased patient assessment and counseling time





How to Register Clients in FoodProdigy

The screenshot shows the 'Account Information' page in the Food Processor FoodProdigy system. The page has a blue navigation bar with the following menu items: Home, Profile, Intakes, Activities, Reports, Database, and Account. The main content area displays the following information:

- Account Information**
- First name: Katie
- Last name: Chambers
- Email Address: k @gmail.com
- [Edit Account Info](#)
- [Subscription Info](#)
- Your Subscription ID is: 0
- [Invite New Client](#) (button)

QUESTIONS?



CONTACT US

Phone: 503-585-6242

Sales: sales@esha.com

Support: support@esha.com

Consulting Services: cs@esha.com

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