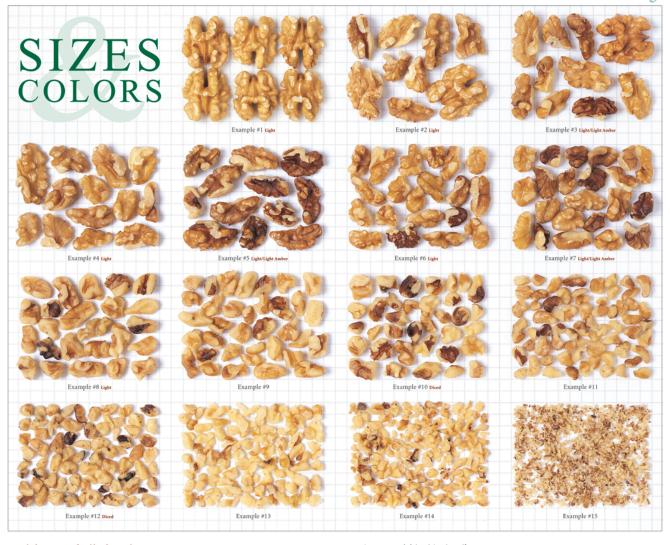
# California Walnuts



California shelled walnuts are available in a variety of sizes and colors Descriptions and size tolerances are based on the USDA Standards for Grades of Shelled Walnuts. These are highlighted in **green** text. Also included are some size categories commonly used in the industry and these are highlighted with **brown** text. Screen sizes are for reference only. Consult your California walnut supplier for exact specifications.

# Walnut Halves

Description: 78 or more of the kernel is intact. 85% or more of lot, by weight, are half kernels with the remainder three-fourths half kernels.

USDA Size Tolerances: No more than 5% smaller than three-fourths halves of which no more than 1% may pass through 16/64 inch (6.35 mm) round screen hole. (see Table 3)

\*Refer to Example 1

# Walnut Pieces and Halves (Halves and Pieces)

Description: 20% or more of lot, by weight, are half kernels (7/8 or more of the kernel is intact). USDA Size Tolerances: No more than 18% shall pass through 24/64 inch (9.52 mm) round hole of which no more than 3% may pass through 16% inch (6.35 mm) and of 3% no more than 1% may pass through 8/64 inch (3.18 mm) round screen hole. (see Table 3)

Description: Portions of kernels in lot cannot pass through 24/64 inch (9.52 mm) round openings. USDA Size Tolerances: No more than 25% shall pass through 24/64 inch (9.52 mm) round hole of which no more than 5% may pass through 16/64 inch (6.35 mm) and of 5% no more than 1% may pass through 8/64 inch (3.18 mm) round hole included in the 5% (see Table 3)

Walnut Medium Pieces
Although not covered in USDA Standards, Medium Pieces are a common size classification used in the California walnut industry. No less than 98% may pass through a 32/64 inch (12.7 mm) screen. No more than 3% may pass through 16/64 inch (6.35 mm) screen. No more than 1% may pass through

Description: Portions of kernels in lot pass through 24/64 inch (9.53 mm) round openings but cannot pass

Description: Formula Openings are Calmor pass through 8/64 inch (3.18 mm) round openings.

USDA Size Tolerances: 10% will not pass through 24/64 inch (9.53 mm) round hole and 2% pass through 8/64 inch (3.18 mm) round hole. (see Table 3)

Walnut Meal (double diced)

The smallest form of the California walnut comes in various consistencies ranging from a coarse meal to a fine powder. Use walnut meal to dust cakes, integrate into dough and batter, and for walnut compounds. Finely ground walnuts are incorporated into pastas, added to fillings, and used as a thickening agent in sauces. Refer to Example 15

# Topping Pieces

	11 0		/ /		
SQUARE HOLE	ROUND HOLE	SQUARE HOLE	ROUND HOLE		
1/4 6.35 mm	20.64 7.94 mm	3/8 9.53 mm	28/64 11.11 mm		
	Typical industry screen sizes Refer to Example 13		Typical industry screen sizes Refer to Example 9		

## Walnut Colors

California walnuts may be color sorted to meet specific product needs. The walnut spectrum chart (for comparison only) illustrates the wide range of color classifications available.

Syrupers

A Extra light: No more than 15% shall be darker than extra light of which only 2% (included in the 15%) may be darker than light.

B Light: No more than 15% shall be darker than light of which only 2% (included in the 15%) may be darker than light amber. C. Light amber: No more than 15% shall be darker than light amber of which

only 2% (included in the 15%) may be darker than amb

D Amber: No more than 10% shall be darker than amber. The official color chart is available from:

710 Striker Avenue, Sacramento, CA 95834-1112 Tel: 916-561-5900 Fax: 916-561-5906

TABLE 3 (USDA STANDARDS)							
		Tolerance for Size					
SIZE CLASSIFICATION	SHALLER THAN 3/4 HALVES	WILL NOT PASS THROUGH 24/64* ROUND HOLE	PASS THROUGH 24/64* ROUND HOLE	PASS THROUGH 16/64* ROUND HOLE	Pass through 8:64" round hole		
Halves	5%			1% (included in 5%)			
Pieces and Halves*			18%	3% (included in 18%)	1% (included in 3%)		
Pieces			25%	5% (included in 25%)	1% (included in 5%)		
Small Pieces**		10%			2%		

Source: USDA, United States Standards for Grades of Shelled Walnuts (Juglans regia). Agricultural Marketing Service.
Effective September 1, 1968, reprinted January, 1997. http://www.ams.usda.gov/standards/walnuts.pdf (Adobe Acrobat form