

UMHDI Adventure™ Series

Hybrid Hazelnut Cultivars

Upper Midwest
Hazelnut
Development Initiative

Five New Hybrid Hazelnut Cultivars Adapted to the Upper Midwest

These hybrids combine the winter hardiness and disease resistance of American hazelnut with the larger nut size of European hazelnut. Tested for over a decade across multiple Upper Midwest locations, they show good yields, excellent flavor and kernel quality, resistance to Eastern Filbert Blight (EFB), and hardiness to Zone 3 in full sun.

Plants are terminal bearing, with nuts retained in the husk at maturity for easy hand or mechanical harvest. They grow as medium-sized shrubs, about 6 feet wide by 8 feet tall, depending on conditions. Hazelnuts do not self-pollinate; compatible pollenizers are required.

For information on *establishment, management, harvest, and post-harvest processing*, visit the Upper Midwest Hazelnut Development Initiative (UMHDI) website: www.midwesthazelnuts.org



Adventure™

Arb 7-1, UMN Landscape Arboretum

Compact shrub with extensive suckering. Grown at over 20 locations with no reported Eastern Filbert Blight (EFB). Attractive burgundy fall color. Expect nuts in the 2nd or 3rd year after planting. Yields are high, with average kernel size for Midwest hybrid hazelnuts (0.59 g). 42% kernel by weight, averages 15 mm in-shell size, ~10 mm kernel size.

S-alleles: 6, and new allele unique to *C. americana*.

Recommended pollenizers: *Forager™*, *TrailRunner™*, *Ice Age™*

Incompatible: *Cache™*



Forager™

Rose 9-2, Rosemount, MN

Compact shrub with moderate suckering. Can develop EFB, but appears tolerant. Thinnest shells among Adventure™ Series cultivars: 46% kernel by weight, average kernel weight 0.93 g. Kernels have a heavy fiber that is removed by roasting or blanching.

S-alleles: 8, 19.

Recommended pollenizers: *Adventure™*, *Cache™*, *Ice Age™*

Incompatible: *TrailRunner™*



Cache™

Price W41, Northfield, MN

Compact shrub with minimal suckering. No reported EFB across all field trials. Yields are high, with kernels averaging 0.58 g and 10 mm in diameter 40% kernel by weight. Kernel quality is high with excellent flavor.

S-alleles: 6, 16.

Recommended pollenizers: *Forager™*, *TrailRunner™*, *Ice Age™*

Incompatible: *Adventure™*

Learn more at www.midwesthazels.com





TrailRunner™

Stap N7-6, Staples, MN

Short shrub with extensive suckering. Well suited to hedgerow systems, or maintenance with periodic mowing to keep plants 12–18 inches wide. Attractive orange fall color. Nut size is generally large for Midwest hazelnuts but variable. Average kernel weight is 0.72 g, with kernel size of 10–11 mm and 37% kernel by weight. Flavor is excellent.

S-alleles: 8, unknown.

Recommended pollinizers: **Adventure™**, **Cache™**, and **Ice Age™**

Incompatible: **Forager™**



IceAge™

Cuddy 2-28, Maiden Rock, WI

Compact, upright shrub with limited suckering. Attractive orange fall color. Nut size is smaller for Midwest hazelnuts: average kernel weight is 0.60 g, with kernel size of 10–11 mm and 40% kernel by weight. Flavor is excellent. *Ice Age* nuts mature later in the fall—wait for nut drop (abscission) before harvesting.

S-alleles: 12, 19.

Compatible with all other cultivars listed here.



IceAge™

TrailRunner™

Cache™

Forager™

Adventure™

Pollenizer Table		Pollen (Paternal) Parents					
		Adventure	Northern Blais	Cache	Forager	TrailRunner	IceAge
Cultivar	S-alleles	<i>S-allele expressed in pollen</i>					
		6*	8	6	8	8*	12
Adventure	6, ?						
Northern Blais	8, 25						
Cache	6, 16						
Forager	8, 19						
TrailRunner	8, ?						
IceAge	12, 19						

* Most likely, but not confirmed

shaded grey = incompatible



**Midwest
Hazelnuts**
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www.midwesthazels.com

The UMHDI Adventure™ Series are exclusively available to buy through Midwest Hazelnuts LLC.

Visit our website to learn more!