

UMCA® PQK

Chestnut Seedlings

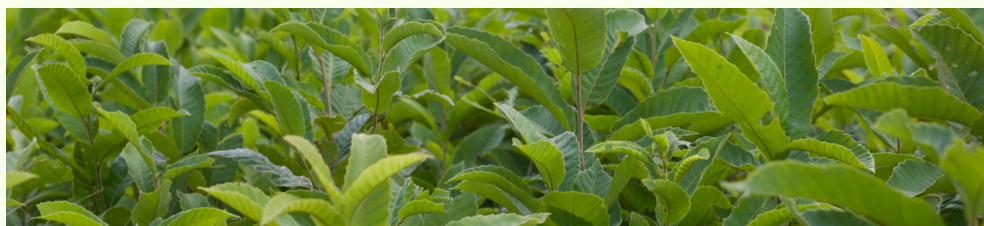


Why grow chestnuts?

They're good for you and good for the environment! Chestnuts are a healthy, low-fat, gluten-free, staple food ingredient that can be incorporated into a wide range of dishes, fresh or dried. **UMCA® PQK** chestnut seedlings drop free from their bur, leading to a relatively easy harvest time. Once you get them to the kitchen, they're simple to prepare, just score them with a knife and pop them in the microwave, instapot, or a pot of boiling water. Of course, you can also roast them over an open fire. Peel, add salt, and enjoy! While you savor your meal, your long-lived chestnut tree is working to store carbon from the atmosphere, improve soil health, reduce erosion, and enhance wildlife habitat.

BETTER PARENTS PRODUCE BETTER SEEDLINGS.

- ✓ LARGE NUTS
- ✓ CONSISTENT QUALITY
- ✓ SWEET FLAVOR
- ✓ EASY TO PEEL
- ✓ LOWER INCIDENCE OF CHESTNUT ANTHRACNOSE
- ✓ BLIGHT RESISTANCE
- ✓ RESILIENCE TO LATE-FROST
- ✓ PRECOCIOUS (BEARS NUTS AT A YOUNG AGE)



UMCA® PQK seedlings are born from a pollen isolated orchard of grafted cultivars — **P**each, **Q**ing, and **K**ohr — that have been designed for high production and high performance. These cultivars have been evaluated since 1996 by the Center for Agroforestry for yield (lbs/acre), nut quality, frost avoidance, nuts that drop free from the bur, and disease resistance to blight, phytophthora, anthracnose, and storage molds.

In central Missouri, Qing reliably produces 15g+ nuts with a very low defect rate and displays a high degree of resistance to chestnut anthracnose (formerly known as blossom end rot), which is the primary defect resulting in non-sellable nuts. Peach, Qing, and Kohr are all late-leafing cultivars, which is important for avoiding the crop killing late frosts common throughout the Eastern US. Qing nut drop is early- to mid-season, while Peach and Kohr drop late in the season. This results in a wide nut drop period and, therefore, a manageable harvest season. Peach and Kohr reliably produce large, low-defect nuts with above average yields.

Peach and Kohr's late-leafing trait combined with Qing's exceptional nut quality and yield creates the reliable, high performing, late-leafing **UMCA® PQK** seedling population.



Center for Agroforestry
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