

INTRODUCING



Grizzly Clonal Walnut Rootstock™

(Uspp 31,862) **It thrived when all the rest barely survived!™**



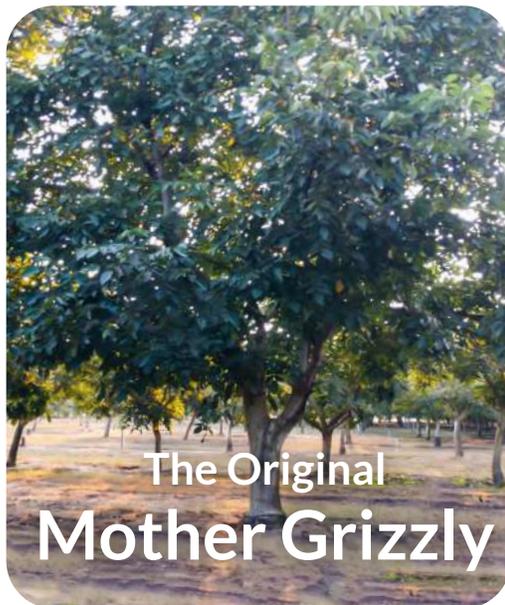
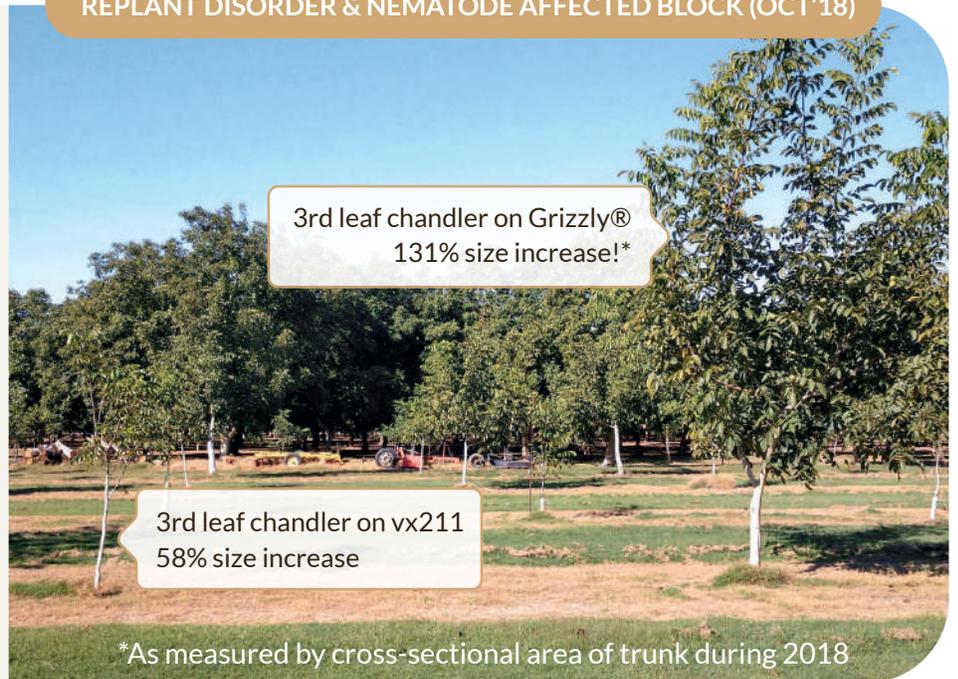
THE FIRST WALNUT ROOTSTOCK

Cloned due to its superior performance in a commercial orchard!

Cloned due to its superior performance in a replant walnut orchard!

Observed with a variety on it for 20 years!

REPLANT DISORDER & NEMATODE AFFECTED BLOCK (OCT'18)



The Original Mother Grizzly

(See above) We planted Chandler on Grizzly Clonal Walnut Rootstock™ in this challenging replant site and saw astonishing results when compared to Chandelers on VX211, RX1, Vlach or any seedling paradox.

We currently have Grizzly Clonal Walnut Rootstock™ in replicated field trials in multiple orchards and it is among the largest and most productive of all rootstocks in all trials, including current commercial rootstocks. We have never observed crown gall on Grizzly Clonal Walnut Rootstock™.

The "Mother" tree of Grizzly Clonal Walnut Rootstock™ is a Tulare variety grafted onto a seeding Paradox rootstock. It thrived when all the rest barely survived, in an orchard that faces many challenges. Our early data indicates this rootstock is, indeed, a bigger, tougher, more productive tree.

This orchard (below), planted in the 90's is a replant site after removal of extremely large Serr trees. Much of the orchard is very sandy soil, so the replanted orchard had to contend with replant disorder, heavy populations of lesion nematodes, generally low nutrition and poor soil structure. It's no wonder that the average walnut tree struggles... and it is from this orchard that we found, and cloned, Grizzly Clonal Walnut Rootstock™.

For more information on where to buy grizzly clonal walnut rootstock™ please visit our licensed nurseries page at: www.Grizzlywalnut.Com



Field Data L-Trial Location Planted Spring 2019

Rootstock	2022 Dry in-shell yield/acre	Percentage difference in yield
Grizzly	2,323 pounds/acre	100%
VX211	1,432 pounds/acre	61%

Table 1. 4th Leaf Yield Data, average yield over 5 replications randomized across 19 acre orchard. Orchard farmed as “no-prune” so entering in to production 4th year.

Rootstock	Average Circumference	Average Diameter	Cross-sectional area of trunk in square inches	Percentage size of larges rootstock
Grizzly	6.15”	2.0	3.0 sq. in.	100%
VX211	4.55”	1.45	1.6 sq. in.	53%

Table 2. Average cross-sectional area of Livermore trunk of trees on each rootstock in 2020



Image showing careful collection of yield data at 1 of the 5 random replications of Grizzly within this VX211 orchard, with numerous smaller trees on VX211 behind Grizzly trial trees