

Acknowledgments

This comprehensive review and computational framework synthesizes 4,000+ years of accumulated grafting knowledge, drawing from diverse sources across agricultural science, plant biology, and horticultural practice.

Historical Knowledge

We acknowledge the countless generations of agricultural practitioners, from ancient Mesopotamian and Chinese grafters to contemporary horticultural researchers, whose empirical observations and innovations form the foundation of this work.

Scientific Literature

This research builds upon foundational works in grafting biology [?, ?], horticultural practice [?, ?], and rootstock development [?], among many others cited throughout this manuscript.

Computational Infrastructure

The computational toolkit was developed using open-source scientific computing resources:

- ▶ Python scientific computing stack (NumPy, SciPy, Matplotlib)

All errors and interpretations remain the sole responsibility of the author. This work represents an ongoing synthesis of grafting science, and contributions, corrections, and extensions are welcomed.