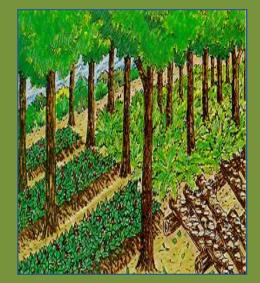
10 Uses for Black Locust in Agroforestry

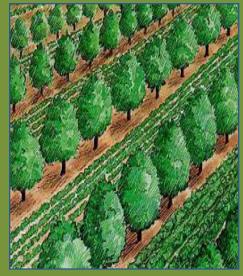


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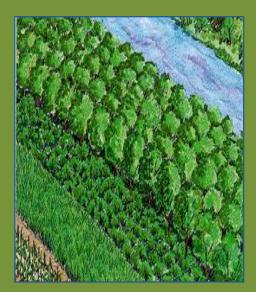




Forest Farming



Alley Cropping



Riparian Buffers



Windbreaks



Silvopasture

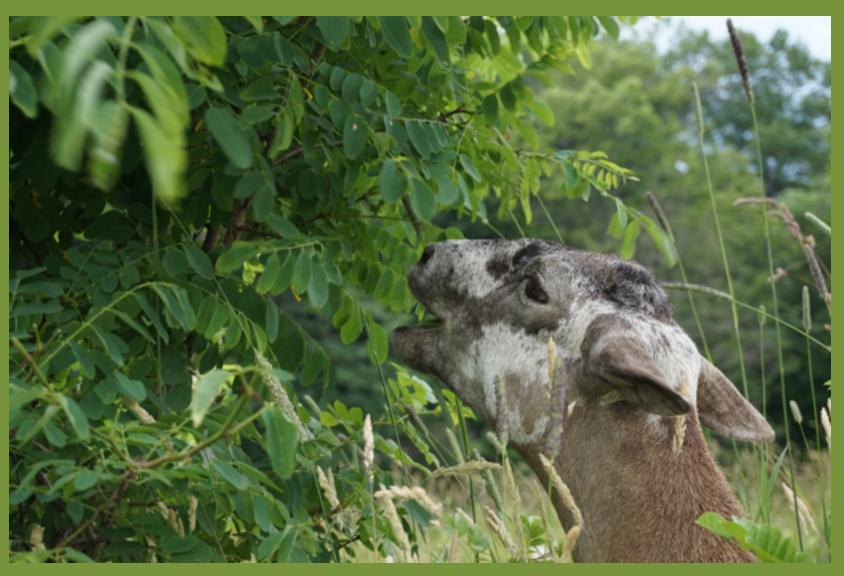


Forest Gardening

1. Shade and Shelter



2. Animal Fodder



Baertsche, S.R, M.T. Yokoyama, and J.W. Hanover. 1986. Short rotation, hardwood tree biomass as potential ruminant feed-chemical composition, nylon bag ruminal degradation and ensilement of selected species. J. Animal Sci. 63:2028-2043.

3. Improve Forage Quality



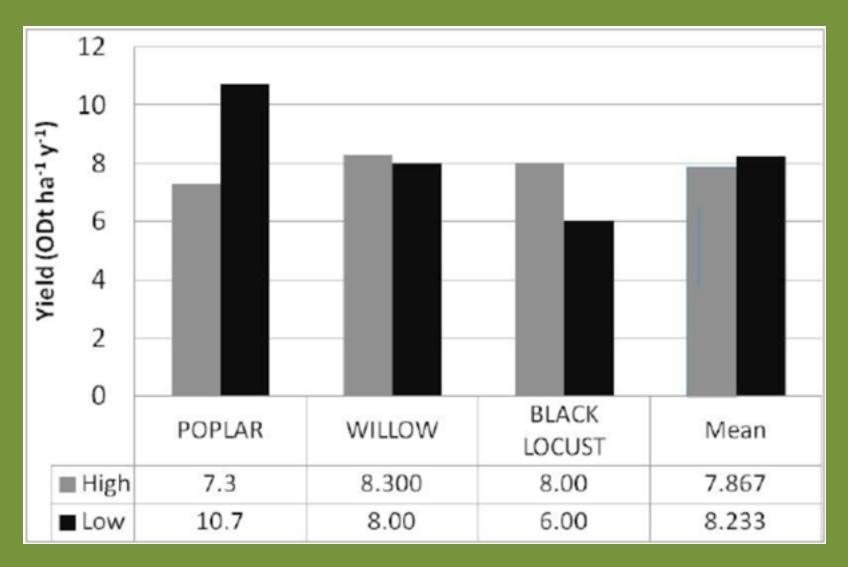
4. Intercropping Nutrition

"...barley from previously intercropped treatments showed superior quality and it had, on average, 23% higher grain N content than the sole crop.

This was attributed to N2-fixation and N return by black locust. It was estimated that black locust contributed about 36 kg N ha-1 to the system."

Ntayombya, P. & Gordon, A.M. Agroforest Syst (1995) 29: 239. https://doi.org/10.1007/BF00704871

5. Biomass



Bacenetti, Jacopo, Sara Bergante, Gianni Facciotto, and Marco Fiala. "Woody biofuel production from short rotation coppice in Italy: Environmental-impact assessment of different species and crop management." Biomass and Bioenergy 94 (2016): 209-219.

6. Bee fodder



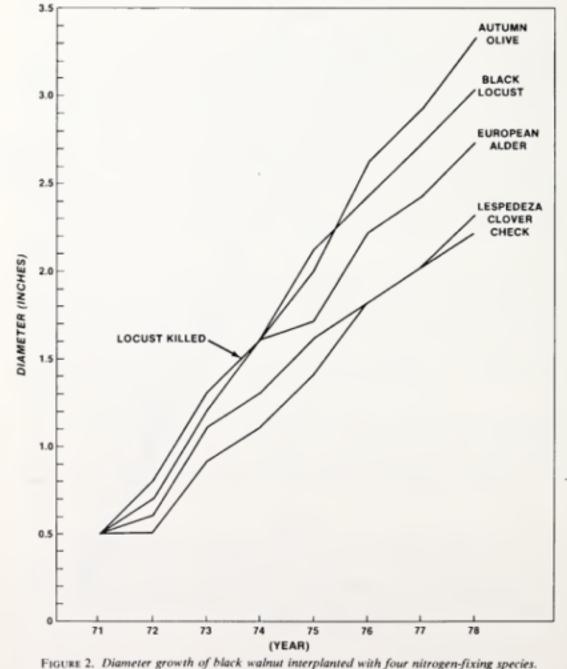
Keresztesi, Béla. "Robinia pseudoacacia: the basis of commercial honey production in Hungary." Bee World 58, no. 4 (1977): 144-150.



7. Mulch for fertility

Bross, E. L., M. A. Gold, and P. V. Nguyen. "Quality and decomposition of black locust (Robinia pseudoacacia) and alfalfa (Medicago sativa) mulch for temperate alley cropping systems." Agroforestry Systems 29, no. 3 (1995): 255-264.





8. "Nurse" **Trees**

Clark, Paul M., and Robert D. Williams. "Black walnut growth increased when interplanted with nitrogenfixing shrubs and trees." In Proceedings of the Indiana Academy of Science, vol. 88, pp. 88-91. 1978.

9. Living Fence



10. Additional product, same land



http://ncalternativecropsandorganics.blogspot.com