

PA-TACF Orchard Maintenance Schedule

Name of Orchard _____ Type of Planting _____

Orchard Manager _____ Phone No. _____ E-mail: _____

| <u>Procedure</u> | <u>Schedule Date</u> | <u>Date Completed</u> | <u>By Whom</u> |
|---|---|-----------------------|----------------|
| 1. Plant nuts, as early as you can work the soil. | March 15-April 15 | _____ | |
| 2. Examine for blight, mud pack cankers | March | _____ | |
| 3. Fertilize - first and second year with Miracid - (30-10-10) @ 1 ½ Tbsp/gal. water, ½ gal./tree. <i>First year</i> - begin May 30; <i>Second year</i> - begin May 15. Or dissolve 1- 1 ¼ lb. packet in 55 gallon drum of water. Use ½ gal. per tree. <u>No later than Aug.10</u> <i>Third year and older</i> - mix 8 parts by weight of 10-10-10 to 3 parts urea. Spread one cup/ 1 inch trunk diameter at ground level, around each tree trunk out to drip line, or more simply use prepared 20-10-10 | May 15 | _____ | |
| | May 30 | _____ | |
| | June 15 | _____ | |
| | June 29 | _____ | |
| | July 13 | _____ | |
| | July 27 | _____ | |
| | May 15 just as leaves emerge and again on June 25 | _____ | |
| 4. *Weed Control - Spray with Roundup (systemic) or Rely (contact) when grass is actively growing, weather is clear, and wind is still, or control by hand weeding and mulching. Clear 2 ft. diameter around newly planted and 1 ft. beyond drip line on older. | About May 15 – just before leaves emerge and in July or as needed | _____ | |
| 5. Monitor flowering, both male & female. | June | _____ | |
| 6. Pollinate (See pollinating guide) | Late June, early July | _____ | |
| 7. Monitor for Jap beetles and seed germination | Mid July | _____ | |
| 8. Protect trunks from deer browse and rubs | Late August | _____ | |
| 9. In colder areas, elevate tubes off ground about 1" to harden off for winter. Watch for mouse damage. | Late August to cold nights | _____ | |
| 10. Harvest nuts from controlled pollinations | Late Sept – early Oct | _____ | |
| 11. Yearly report of orchard activities. See reporting form | September 15 | _____ | |

* **Weed Control** - Use of herbicides requires protection of trees, including bark of trunks from, the spray. Chestnut trees are quite susceptible to damage by herbicides.

Please record the dates that you complete a maintenance procedure. Not every procedure will be required for every orchard. Return the maintenance schedule along with your yearly report by October 15 to:

Sara Fitzsimmons
210 Forest Resource Laboratory
University Park, PA 16802
or e-mail: chestnut@psu.edu