

## Paper Mulberry

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Paper mulberry (*Broussonetia papyrifera*) is a deciduous large shrub or tree with a round crown to 50 feet (15 m) in height and boles to 2 feet (0.6 m) in diameter, often appearing as a shrub forming thickets from root sprouts. Forms dense stands in fencerows disturbed sites and forest edges. Broad oval leaves, softly hairy on the lower surface and scruffy above that can be deeply lobed on rapidly growing stems. Shallow rooted and prone to windthrow.

### ***Recommended control procedures:***

**Large trees.** Make stem injections using Garlon 3A as a 10-percent solution (1 quart per 3-gallon mix) in water or a 15-percent solution (3 pints per 3-gallon mix) for larger trees. Or cut large stems and immediately treat the stumps with Garlon 3A as a 30-percent solution (38 ounces per 1-gallon mix) in water with a surfactant.

**Saplings.** Apply Garlon 4 as a 20-percent solution in basal oil, vegetable oil, crop oil concentrate, diesel fuel or kerosene (2.5 quarts per 3-gallon mix) or apply Stalker\* as a 3-percent solution (12 ounces per 3-gallon mix) plus Garlon 4 as a 15-percent solution (3 pints per 3-gallon mix) mixed in basal oil applied as a basal spray.

**Seedlings and saplings.** Thoroughly wet all leaves with one of the following herbicides in water with a surfactant on young trees less than 10-feet tall: Garlon 3A at 2-percent (8 ounces per 3-gallon mix) or Garlon 4 at 0.5 to 2-percent (2 to 8 ounces per 3-gallon mix); a glyphosate herbicide at a 3-percent solution (12 ounces per 3-gallon mix); Arsenal AC\* as a 0.25-percent solution (1ounce per 3-gallon mix); or Arsenal Powerline\* at a 0.5-percent solution (2 ounces per 3-gallon mix).

**\* Nontarget plants may be killed or injured by root uptake**