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White Technology LLC is the leader in the micropropagation and production of cellulosic energy crops. Through extensive research, White Technology produces non-food-based plants, including *Arundo donax* and *Miscanthus giganteus*, which provide high-yield, high-energy, high-cellulose sustainable biomass. *Arundo donax* and *Miscanthus* are perennial rhizomatic grasses that are ideal feedstocks for petro chemicals and power generation.

*Arundo donax* has a history of being recognized as an important non-wood industrial biomass-producing plant that can be grown on a wide variety of soil types and climatic conditions. It reaches maturity of 15 to 25 feet in approximately 18 months from planting and can produce an annual average of 10 to 25 dry tons of high quality cellulose fiber per acre. *Miscanthus giganteus* is a genus of "woody" rhizomatous perennial grasses, growing to 9 to 12 feet in height with yields of 8 to 16 dry tons per acre. *Miscanthus* has reported growing, and producing high or reasonable yields on a wide range of soils, from sands to high organic matter soils. Like *Arundo donax*, it is also tolerant to a wide range of soil pH values and salinity.

While good sources of feedstock, both fast growing perennial grasses are sterile and seedless, thereby making these plants difficult to reproduce using rhizomatic methods. White Technology has addressed this issue through an exclusive laboratory production process that allows for the production of plantlet volumes necessary to place thousands of acres into production in a short period of time.

