





GROW

What Happens

Pruning during the first 3-5 years. A combination of mechanical, chemical, and livestock grazing to reduce weed competition.

Who's Involved

Local staff, contractors, conservation corps, and local ranchers.

Opportunities

Enhanced pruning, management techniques, and materials use.



INTEGRATE

What Happens

Nutrients and carbon uptake by trees. Biologically-rich root zones naturally clean the soil.

Who's Involved

Biocycle Farm operators, state regulators, and university researchers.

Opportunities

Research to better understand and manage Biocycle Farm soil benefits.



REUSE

What Happens

Trees are processed for lumber, pulp, and other wood products.

Who's Involved

Agricultural, landscape, and forestry contractors, trucking firms, and timber buyers.

Opportunities

Improved harvest techniques and coordination of harvests with local market uses.



CREATE

What Happens

Poplar is turned into everything from lumber to cardboard to charcoal.

Who's Involved

Local millers, manufacturers, architects, builders, and biochar producers.

Opportunities

Local, sustainable building design use. Innovative uses of poplar products.



RESTORE

What Happens

Stumps are removed, destroyed, or treated and woody debris is cleaned from the site. The ground is prepped for the next tree plantings.

Who's Involved

Forestry and farm contractors and herbicide applicators.

Opportunities

Uses of under-utilized biomass, innovations in stump management, and economical pre-planting approaches.



ENRICH

What Happens

Soil building and enrichment through on-site practices and off-site soil amendment uses.

Who's Involved

Biocycle Farm staff and landscape and agricultural products companies.

Opportunities

Innovations in biomass use, biochar production, and research on carbon and nutrient cycling.



REGENERATE

What Happens

Cuttings from new poplar growths are collected for replanting new tree stands.

Who's Involved

Regional staff, horticultural contractors, surveyors, and conservation corps.

Opportunities

Partnerships to produce and store cuttings for planting. Ongoing integration of poplar plantings with service provider schedules.