Approved projects for NeSMA 2025

Project NeSMA 2025-C	Northeastern Seed Management Association
Association:	Annual Core Funding
Approved Funding:	141,250.00
Description:	Core Funding

Project NeSMA 2025-1	Northeastern Seed Management Association
Association:	Jack Pine Replacement Orchard Preparation and Tending
Approved Funding:	$40,595.25
Description:	The purpose of this project is to prepare for the establishment of a replacement for the Hambleton Jack Pine seed production orchard (located on the White River Forest). The Hambleton orchard is now 34 years old, is a first-generation orchard and has been rogued three times to date to improve the anticipated genetic gain derived from future seedlings. In NeSMA's compendium of assets (2020), it was estimated that the orchard had approximately 6 additional years before it would become unmanageable and would be in need of replacements. Furthermore, since its establishment, the ambleton site has been challenging due to its location (i.e. distance from sources of labour and supply) topography and orchard layout. The seed for Hambelton's replacement is improved, second generation and has been in frozen storage. Approximately 11,000 seeds were sown in mid June at Millson's, packaged, inventoried and stored in early December of 2024.

Project NeSMA 2025-2	Northeastern Seed Management Association
Association:	Beaton Jack Pine 2nd Generation Orchard Establishment
Approved Funding:	$48,590.00
Description:	Field layout and planting of approximately 11,000 second generation seedlings that were grown in 2024 and are now in cold storage at Millson Forestry Services (Timmins, Ontario). The site is in Beaton township on the Nagagami Forest, 16 hectares in total consisting of 5 areas. This orchard will be contribute to meeting the Pj seed demand from NeSMA's partners as the productivity of Hambleton diminishes and the progeny of the Climate Change trials are in production. This project is being done in concert with NeSMA 2025-26 Project 1.

Project NeSMA 2025-3	Northeastern Seed Management Association
Association:	Climate Change Test Site Tending and Maintenance
Approved Funding:	$11,300.00
Description:	This project is an ongoing project since 2018 when new climate change tests and potential orchards have been established as well as the Pj deployment trials established in 2022. Tending has been a project every year. This year there will be 5 sites where brushing, marking trees and re-mapping. The sites are at the Island Lake and Burt Pj Stability Trials.

Project NeSMA 2025-4	Northeastern Seed Management Association
Association:	White Spruce Climate Change Trials
Approved Funding:	$12,514.75
Description:	This project is intended to facilitate efforts by NeSMA to evaluate and establish test of White spruce seed to support future decision making in the establishment of one or more White spruce seed orchards for deployment by NeSMA's partners. This project will be responsive to several variables related to the uncertainly of seed availability. The specific activities may include all or most of the following activities: • complete sourcing of White spruce seed from eligible locations • finalization of NeSMA partner projected White spruce seed demand starting in 2035 • location of trial sites • site preparation of trial sites • Sow white spruce seedlings (Jan 2026) for outplanting in 2027