

**FFT Genetic Resource Management Program
2020-2021 NeSMA Approved Projects**

NeSMA 2020-1

Project	Climate Change Test Assessment
Approved Funding:	\$45,200
Description:	This is a follow up to work done in 2018-19 (referred to as 2018-2) and 2019-20 (referred to as 2019-1) during which seed sources were identified consistent with direction of establishment of new orchards in light of emerging direction related to climate change. The seed zones included areas in Northwestern Ontario, The St. Lawrence River and the maritime provinces.

NeSMA 2020-2

Project	White Pine Orchard Management
Approved Funding:	\$51,230
Description:	(referred to as 2019-2) Heights and conditions were measured in the Evanturel, Petawawa, Gurd and Ingram Orchards. The thinning process will consider the results of data analysis so that the best individuals will remain to produce seed of the highest genetic quality available.

NeSMA 2020-3

Project	Flower Induction
Approved Funding:	\$16,570
Description:	Application of GA into approximately 13,000 trees in the Lackner (Pj), Bonner Centre (Sb) and Curtis (Sb) orchards. This will stimulate production of cone-bearing female flowers for 2021 and 2022. This will also address the anticipated increased need for Pj seed for several partners over the next 5-7 years.