

## FFT SILVICULTURE PROGRAM:

### LIST OF ON GOING PROJECTS IN 2019/20

<b>Project Number: 920-1-R42</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Approved Funding:</i>	\$33,053
<i>Description:</i>	Part of Eyre Township was formerly private land and was harvested heavily prior to sale to Crown and incorporation into Algonquin Park. Improvement cutting in tolerant hardwood stands on better sites will release good quality polewood and smaller sawtimber from competing low quality overstory and midstory competition. This 1 year treatment will prepare stands for commercial harvesting in 20 - 30 years.
<b>Project Number: 921-1-R42</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Approved Funding:</i>	\$453,130
<i>Description:</i>	Renewal of legacy strip cut areas from the 1980s where regeneration did not establish on high quality sites that have supported quality pine logs in the past. Intensive management of the sites over a 3 year period will include site preparation and planting will restore these productive sites to pine forest.
<b>Project Number: 922-1-R42</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Approved Funding:</i>	\$249,188
<i>Description:</i>	This is a three year project to re-commercial thin of red and jack pine plantations, primarily in areas that were planted after a large jack pine budworm salvage operation in the late 1970's and 1980's. Densities will be reduced improving the health and vigor of the plantations creating opportunities for commercial thinning in the short term and produce valuable saw timber and utility poles in the long term.
<b>Project Number: 930-1-R43</b>	
<i>Applicant:</i>	First Resource Management Group
<i>Forest:</i>	Timiskaming
<i>Approved Funding:</i>	\$687,000
<i>Description:</i>	This three year project will pre-commercial thinning (PCT) of 1,500 hectares on predominately jack pine seeding areas. The areas selected for PCT are consistent with the strategic direction of the approved 2011-2021 Forest Management Plan for the Timiskaming Forest.
<b>Project Number: 932-1-R44</b>	
<i>Applicant:</i>	Bancroft-Minden Forest Company Inc.
<i>Forest:</i>	Bancroft-Minden Forest
<i>Approved Funding:</i>	\$325,440
<i>Description:</i>	This three year stand improvement initiative in tolerant hardwood forests involves promoting mid-tolerant and tolerant tree species to both improve growth and survival in acceptable growing stock stems.
<b>Project Number: 933-1-R44</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest

<i>Approved Funding:</i>	\$84,750
<i>Description:</i>	This three year project will facilitate harvest or felling and lopping of unmerchantable and/or currently unmarketable hardwoods and conifers to allow for the successful regeneration of white and red pine and red oak.
<b>Project Number: 935-4-R44</b>	
<i>Applicant:</i>	Nagagami Forest Management Inc.
<i>Forest:</i>	Nagagami Forest
<i>Approved Funding:</i>	\$875,467.52
<i>Description:</i>	This 3 year project removes of roadside fiber to prepare the land base for renewal operations. The reclaimed roadside cut over areas will be brought back into the state of a productive forest by means of artificial regeneration operations that will result in a healthy, productive and sustainable forest ecosystem at the Forest Unit level.
<b>Project Number: 937-1-R44</b>	
<i>Applicant:</i>	EACOM Northshore Forest Inc.
<i>Forest:</i>	Northshore Forest
<i>Approved Funding:</i>	\$176,280.00
<i>Description:</i>	This project will clean and release regenerated white pine from competing vegetation over a three-year period.
<b>Project Number: 946-1-R45 Mazinaw-Lanark forest pine restoration</b>	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark
<i>Approved Funding:</i>	\$263,974
<i>Description:</i>	This project will support intensive silviculture treatments to restore sites back to fully stocked pine forests. Past forest practices resulted in either a decreased or degraded component of pine forest units (white and red pine) on the management unit. Efforts to restore this ecosystem back to its natural level on the forest are expensive and involve stand conversions with high silvicultural/cost input in low volume pine stands where renewal fees do not support the level of cost. The majority of these sites are confined to areas that were managed prior to the inception of the Forest Renewal Trust and renewal back to pine was unsuccessful.
<b>Project Number: 950-2-R45 Historical natural disturbance reclaim</b>	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake
<i>Approved Funding:</i>	\$39,866.
<i>Description:</i>	Successive natural disturbances have cumulated to significantly decrease mature forest stocking on a high productive site. These disturbances include a history of blowdowns and spruce budworm infestation. This project will site prepare the affected area and create a new cohort, thus, re-establishing a healthy and productive stand in this forest.
<b>Project Number: 951-3-R46 Hemlock woolly adelgid silviculture management</b>	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft Minden
<i>Approved Funding:</i>	\$145,770
<i>Description:</i>	With the occurrence of Hemlock Woolly Adelgid (HWA) now confirmed in eastern Canada there are management strategies that can prolong the health of hemlock in anticipation of the insect. This project intends to introduce light to individual hemlock stems that occur primarily in the midstory and understory through thinning and overstory spacing in an attempt to increase the stems Live Crown Ratio (LCR). The tending will occur in hemlock stands but can also take place in other stand types where hemlock dominates the understory or where hemlock patches are encountered.

<b>Project Number: 952-1-R46 OVF Pine restoration</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Approved Funding:</i>	\$310,750
<i>Description:</i>	A three year project to renew stands degraded by poor or inappropriate management practises back to red and white pine. These sites no longer contain adequate white and/or red pine stocking to maintain a shelterwood management system and are currently regenerating to red maple and balsam fir that ranges from 6 to 10 meters in height and 6-20 centimeters in diameter.
<b>Project Number: 955-1-R46 Eyre Township improvement cutting 2017</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Approved Funding:</i>	\$395,785
<i>Description:</i>	Part of Eyre Township was formerly private land and was harvested heavily prior to sale to Crown and incorporation into Algonquin Park. Improvement cutting in tolerant hardwood stands on better sites will release good quality polewood and smaller sawtimber from competing low quality overstory and midstory competition. This treatment will prepare stands for commercial harvesting in 20 - 30 years.
<b>Project Number: 956-1-R46 Stand improvement in white pine shelterwood stands</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Approved Funding:</i>	\$615,172
<i>Description:</i>	This three year project will provide up to two tending treatments in white pine stands harvested under Uniform Shelterwood. Stands will be chosen that currently have a high white/red pine presence but low Pw/Pr dominance (at or close to Free To Grow height). Mid-tolerant hardwoods will be maintained or increased. First Nation manual saw contractors will be hired to brushsaw and/or chainsaw sapling and mid-story non-crop conifer and hardwood (1025 ha). Aerial herbicide tending will be prescribed in 400 ha to reduce advanced mid-story hardwood. Refer to attached map and shapefile for planned locations.
<b>Project Number: 957-1-R46 Stand improvement in degraded hardwood and conifer stands</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Approved Funding:</i>	\$98,055
<i>Description:</i>	Hardwood and conifer stands throughout the Nipissing Forest have been degraded as a result of historical high-grading, diameter limit harvesting, and lack of stand improvement. These practices have resulted in a high proportion of small unmerchantable off-site stems below CFSA standards with marginal quality. This concurrent with harvest stand improvement project will facilitate the revitalization of productive sites totaling 2400ha over three years.
<b>Project Number: 959-1-R46 Tolerant hardwood stand improvement (2018-2020)</b>	
<i>Applicant:</i>	EACOM Timber Corporation (as Agent for the Northshore Forest)
<i>Forest:</i>	Northshore
<i>Approved Funding:</i>	\$152,550
<i>Description:</i>	This three year project will significantly improve the health, development and quality of tolerant hardwood stands (sugar maple & yellow birch) on the Northshore Forest. Stands are in poor health due to decades of harvesting without tree marking or stand improvement treatments. This project is designed to implement a stand improvement treatment that will ensure the removal undesirable growing stock (trees) thereby allowing stand health and quality to improve in the shortest possible time.
<b>Project Number: 962-2-R47 Planting after Forest Fire – Bancroft-Minden Forest</b>	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft Minden Forest
<i>Approved Funding:</i>	\$12,794

<i>Description:</i>	This project will replant white pine in a shelterwood harvest that was cut in 2009 and declared free-to-grow in 2017. An area of 12.85 hectares was burned by a fire at the end of July 2018. The site is ideally suited for growing white pine, the target species. Following the burn, site conditions for planting in 2019 are anticipated to be good.
<b>Project Number: 963-1-R47 Conversion of Degraded Stands to Conifer</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Approved Funding:</i>	\$66,733
<i>Description:</i>	Heavily degraded areas due to past budworm, overmature mixedwood conditions, white pine blister rust and invasive scots pine have been harvested with very low volumes and value. Mechanical and chemical site preparation followed by planting of primarily red pine, with much lesser amounts of white spruce and white pine, are planned on these productive accessible sites.
<b>Project Number: 964-1-R47 Stand Improvement in Partial Cut Stands</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Approved Funding:</i>	\$1,182,545
<i>Description:</i>	Stand improvement activities involving the felling of trees not considered merchantable but necessary to be removed in order to meet silvicultural objectives of providing light, spacing and quality improvement to both overstory and understory trees. The main target species to benefit are those that provide for the production of quality sawlog material. Specifically, this treatment will benefit tolerant hardwoods (primarily sugar maple, yellow birch, red oak, black cherry) and Great Lakes St. Lawrence conifers (primarily white pine, red pine, hemlock). This treatment occurs on those sites able to support partial cut systems. Diseased trees, trees crowding other trees and beech trees are examples of stems to be targeted for removal.
<b>Project Number: 965-1-R47 Algonquin Park 2013 Blowdown Tending</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$186,360
<i>Description:</i>	Manual cleaning of areas damaged by blowdown in the summer of 2013. Brush saws will be used to remove competition from planted and naturally regenerating pine, spruce and mid-tolerant crop trees. The proposed project follows up on areas that received artificial regeneration treatments as part of several previous forestry futures projects.
<b>Project Number: 966-1-R47 Algonquin Even-Aged Stand Improvement</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$438,581
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality pine and other crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality mid-story stems.
<b>Project Number: 967-1-R47 Algonquin Uneven-aged Stand Improvement</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$633,506
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality mid-tolerant and tolerant hardwood crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality stems.
<b>Project Number: 968-1-R47 Mazinaw-Lanark Forest Intensive Stand Improvement</b>	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark Forest
<i>Approved Funding:</i>	\$282,892

<i>Description:</i>	Intensive silviculture treatments will be applied to productive sites with the objective to promote high-quality tolerant hardwood, red oak, red pine and white pine development. Stand improvement treatments will be used to increase the growth rates and quality of the remaining stems through the removal of undesirable and non-merchantable stems. These intensive stand-improvement treatments will help to ensure a greater proportion of high quality future growing stock is obtained.
<b>Project Number: 969-2-R47 OVF Wildfire Jack Pine Seeding</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$31,781
<i>Description:</i>	A three-year project to renew fire-killed (2018 wildfire) mixedwood pine stands to jack pine. These areas consisted of mixed pine stands with a varying component of jack pine that were destroyed by a fire that burned so severely in the treatment area that limited nature pine renewal is expected. The project will consist of pretreatment assessment, including forest operations development, aerial chemical site preparation and the direct aerial seeding of jack pine seed over in the treatment area.
<b>Project Number: 970-2-R47 OVF Wild Fire Red Pine Planting</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$95,824
<i>Description:</i>	A three-year project to renew fire killed mixedwood pine stands to red pine. These areas consist of mixed pine stands with a varying component of red, white and jack pine that were destroyed by a fire that burned so severely in the treatment area that limited natural pine renewal is expected. The project will consist of a summer plant of red pine over the treatment area followed by a tending treatment applied aerially in the last year of the project application.
<b>Project Number: 971-2-R47 OVF Wild Fire Retreatment Area</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$141,024
<i>Description:</i>	A three-year project to regenerate red and white pine Shelterwood stands that have been impacted significantly from wildfire. Past intensive silvicultural treatments had produced fully stocked white and red pine understories of varying heights and ages and have been completely eliminated by the fire that burned during the summer of 2018. Mechanical site preparation, tree planting and tending by aerial application is being request for this treatment area.
<b>Project Number: 972-2-R47 Renewing the Forest After Wildfire NOR062</b>	
<i>Applicant:</i>	Nipissing Forest
<i>Forest:</i>	Nipissing Forest Resource Management
<i>Approved Funding:</i>	\$448,059
<i>Description:</i>	NOR062 was a large wildfire that burned 2500 ha in the Nipissing forest July-Aug 2018. This project will focus on replacing young forests that were killed by the fire: red pine plantations, young jack pine plantations, young jack pine natural, and PWUS that had received a regeneration cut. Treatments include: chemical site preparation where needed, planting Pw and Pr in accessible areas with good soil (growing of planting stock, planting) and aerial seeding (Pw, Pj, Sb) in remote locations and/or rocky areas.
<b>Project Number: 973-1-R47 Tolerant Hardwood Stand Improvement on the Algoma Forest 2019-2020</b>	
<i>Applicant:</i>	Clergue Forest Management Inc. in cooperation with Boniferro Mill Works and Midway Lumber
<i>Forest:</i>	Algoma Forest
<i>Approved Funding:</i>	\$339,000
<i>Description:</i>	Algoma Forest tolerant hardwoods have a high percentage of poor quality trees defined as unacceptable growing stock (UGS) that should be removed from stands to increase growth increment on higher quality stems and to promote renewal through natural regeneration. A portion of these UGS trees are either unmerchantable or are marginally economic to harvest. Funding from FFT will support removal of UGS trees, promoting the performance of residual trees. This treatment is an integral part of selection and shelterwood harvesting in tolerant hardwood forest units.

<b>Project Number: 974-4-R47 Abitibi River Forest 2018 Category 4 Funding</b>	
<i>Applicant:</i>	Abitibi River Forest Management Inc.
<i>Forest:</i>	Abitibi River Forest
<i>Approved Funding:</i>	\$326,446
<i>Description:</i>	This project is for reimbursement of the cost of producing tree seedlings delivered for the spring 2018 tree plant as well as for trees grown for the spring 2019 tree plant. This application is under Category 4: Insolvency to reimburse the ARF SFL company for funds not deposited during a previous insolvency process
<b>Project Number: 976-2-R47 Geraldton Wildfire</b>	
<i>Applicant:</i>	Ne-daa-kii-me-naan Inc.
<i>Forest:</i>	Kenogami Forest
<i>Approved Funding:</i>	\$15,899
<i>Description:</i>	A wildfire in 2016 took place in part of a 2007 harvest area north of Geraldton burning 30.3 hectares of regeneration. This area was site prepared and seeded in 2008. As the trees are young, there were not cone bearing trees to naturally seed in. The majority of the area is upland, sandy soil with the majority target species for regeneration being jack pine.
<b>Project Number: 977-2-R47 Storm and Pest Damaged Forest – Renewal</b>	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake Forest
<i>Approved Funding:</i>	\$196,620
<i>Description:</i>	This project will renew conifer-dominated boreal forest which has been significantly impacted by recent weather (ie. blowdown and snowdown) and insect damage. These natural disturbances have culminated to decrease stand volume and increase the unmerchantable fibre. Support from Forestry Futures will assist in returning this area into a productive, healthy forest of approximately 300 hectares. The defined area will be site prepared and artificially regenerated (black spruce and some red pine).
<b>Project Number: 978-1-R48 Red Oak Remediation</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$126,842
<i>Description:</i>	A three-year project to renew stands degraded by poor or inappropriate management practices to red oak. This site contains enough stocking to maintain and manage in the uniform shelterwood system but does not support a harvest at the regeneration stage of management. The site is regenerating heavily to red maple, balsam fir and ironwood up to 6 meters in height and has eliminated any red oak regeneration.
<b>Project Number: 979-1-R48 OVF Pine Restoration</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$388,155
<i>Description:</i>	A three-year project to renew stands degraded by poor or inappropriate management practises back to red and white pine. These sites no longer contain adequate white and/or red pine stocking to maintain a shelterwood management system and are currently regenerating to red maple and balsam fir that ranges from 6 to 10 meters in height and 6-20 centimeters in diameter.
<b>Project Number: 980-1-R48 Intolerant Hardwood Stand Improvement</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$59,325
<i>Description:</i>	This project will facilitate the harvest or felling and lopping of unmerchantable and/or currently unmarketable hardwoods and conifers to allow for the successful regeneration of poplar and white birch and improve overall stand structure by eliminating poor quality red maple, ironwood and balsam fir.

<b>Project Number: 981-3-R48 Control of Beech Regeneration Due to Beech Bark Disease</b>	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft-Minden Forest
<i>Approved Funding:</i>	\$268,000
<i>Description:</i>	The purpose of this project is to reduce the amount of beech regeneration in tolerant hardwood stands affected by Beech Bark Disease (BBD) in an attempt to reduce the risk of beech thickets forming in the Aftermath Forests. Methods used to accomplish the removal of beech may include: 1. Mechanical removal (e.g. brushsaw, chainsaw, girdling) or 2. Herbicide Treatment (e.g. stem specific basal bark treatment, sproutless application using brushsaw).
<b>Project Number: 982-1-R48 Mazinaw-Lanark Forest Prescribed Burn</b>	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark Forest.
<i>Approved Funding:</i>	\$30,010
<i>Description:</i>	A prescribed burn treatment has been scheduled in September 2019 to site prepare two post-harvest blocks for renewal by broadcast seeding or hand planting methods. Prescribed fire will be applied to the cutover area to emulate natural disturbance and consume post-harvest coarse fuels (top material and undesirable midstory) while creating a suitable seedbed for the artificial regeneration of flagship species. The objective is to restore even-aged white and red pine forests on degraded mixed-wood sites. An Enhanced Harvest treatment has been integrated into the harvest operations to remove undesirable midstory with heavy equipment balsam fir and red maple and dump at the stump. This undesirable midstory material must be removed to achieve suitable sunlight conditions on the forest floor and will increase fuel load and fuel distribution across the block to help meet coarse/fine fuel consumption targets.
<b>Project Number: 983-1-R48 Red Pine Plantation Thinning</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Approved Funding:</i>	\$732,455
<i>Description:</i>	Red pine dominated plantations will be thinned intensively over a three-year period consistent with the red pine stand density management diagram to optimize small sawlog and posts in the short-term and large sawlog and utility poles in the long-term. Local established First Nations contractors have expressed interest in being trained for all aspects of the project (point sample data collection, tree marking, chainsaw manual felling, and mechanical felling).
<b>Project Number: 988-2-R48 Bug Lake Yellow Girl Salvage area renewal project</b>	
<i>Applicant:</i>	MNRF Kenora District
<i>Forest:</i>	Whiskey Jack Forest
<i>Approved Funding:</i>	\$172,356.62
<i>Description:</i>	This project includes the site preparation and planting of 544,140 seedlings (estimated at 1,800 seedlings/ha for 302.3 ha) and regeneration assessments on 320.3 hectares of area that was impacted by a Jack Pine Budworm Infestation in the early 2000's and was further impacted by a two wind events in 2016 and 2017 followed by a significant snow down event in October 2017. These salvage areas were included as part of the previously implemented Jack Pine Budworm Insect Pest Management Program because of their integral value and its close proximity to local mills. Renewal of this area is paramount to maintaining its productivity.
<b>Project Number: 989-2-R48 Dirtywater Salvage</b>	
<i>Applicant:</i>	MNRF Kenora District
<i>Forest:</i>	Whiskey Jack Forest
<i>Approved Funding:</i>	\$289,631.24
<i>Description:</i>	This project includes slash piling, slash pile burning, site preparation and planting of 335,700 seedlings on 186.5 hectares (gross area) of area that was infected by jack pine budworm in 2006 and subsequently suffered wind damage in 2016 and 2017. This project area is traditionally a spring and summer harvesting operating area, within 80km of 2 local sawmills and a laminated strand lumber mill; therefore the re-establishment of this close operating and viable productive area will potentially serve 3 local fibre users.

<b>Project Number: 990-2-R48 Lofty Davies Stand Remediation Project</b>	
<i>Applicant:</i>	Greenmantle Forest Inc
<i>Forest:</i>	Lakehead Forest
<i>Approved Funding:</i>	\$638,695
<i>Description:</i>	This project involves the remediation of 424 hectares of low stocked, spruce budworm damaged forest along the west side of the Black Sturgeon River. Planned treatments include the harvest of available merchantable timber followed by tramping, chemical site preparation and a prescribed burn. Renewal will follow with the planting of spruce and pine seedlings. Access to the area is via the Lofty Davies primary road near the Town of Nipigon.
<b>Project Number: 991-3-R48 2019 Jack Pine Budworm Insect Pest Management Program</b>	
<i>Applicant:</i>	Province of Ontario
<i>Forest:</i>	Whitefeather, Trout Lake, Red Lake, Dryden, Wabigoon and Whiskey Jack Forests
<i>Approved Funding:</i>	\$5,369,676
<i>Description:</i>	The project involves targeting jack pine stands which have been infested with Jackpine budworm through aerial application of <i>Bacillus thuringiensis</i> variety <i>kurstaki</i> (Btk), a naturally occurring pesticide. Treatment will take place in a short timeframe (seven to ten treatment days), when larvae are feeding on newly emerging foliage of jack pine ( <i>Pinus banksiana</i> Lamb.). The goal of this program is foliage protection. Sustainable Forest Licensees (SFLs) and the MNRF have identified treatment areas, selecting stands for wood supply protection and fire risks to Communities. Stands selected for treatment are moderate to severely defoliated (as of 2018), 40-years old or greater, and have a species composition of 40 percent jack pine or greater.