

WEED CREW '11



Shirley Xiao
Kevin Sheehan
Ryan Campbell

PHALARIS ARUNDINACEA- REED CANARY GRASS

- Sprayed with 50 gallon tank
- Pesticide- Aquaneat
 - At 2% per gallon



ALLIARIA PETIOLATA- GARLIC MUSTARD

- Pulled or Weed whipped
 - Help from Eco-Rangers
 - They pulled over 171 lbs. in 1 hr.



CORNELLA VARIA- CROWN VETCH

- Pesticide: Transline
 - Backpack spraying
 - Boom spraying with the tractor
- Amount sprayed: 5.72 Gallons
 - At .04% per gallon
 - 1,464.32 Gallons mixed
- Area Covered
 - 390.29 Acres
 - 17,001,032 square feet



MELILOTUS ALBA- SWEET CLOVER

- Pulled or Mowed
 - Mowed with tractors
- Stewardship



PASTINACA SATIVA- WILD PARSNIP

- Mowed by tractor and spaded



DIPSACUS SYLVESTRIS- TEASEL

- Clipped then sprayed
 - Pesticide: Tahoe 3A
- Areas covered
 - 950 Acres
 - 41,382,000 square feet



CENTAUREA MACULOSA- SPOTTED KNAPWEED

- Pesticide: Transline
 - Backpack sprayers
- Areas covered



CORNUS RACEEMOSA- GRAY DOGWOOD

- Pesticide- Tahoe 3A
 - At 2% per gallon
 - 50 gallon tank

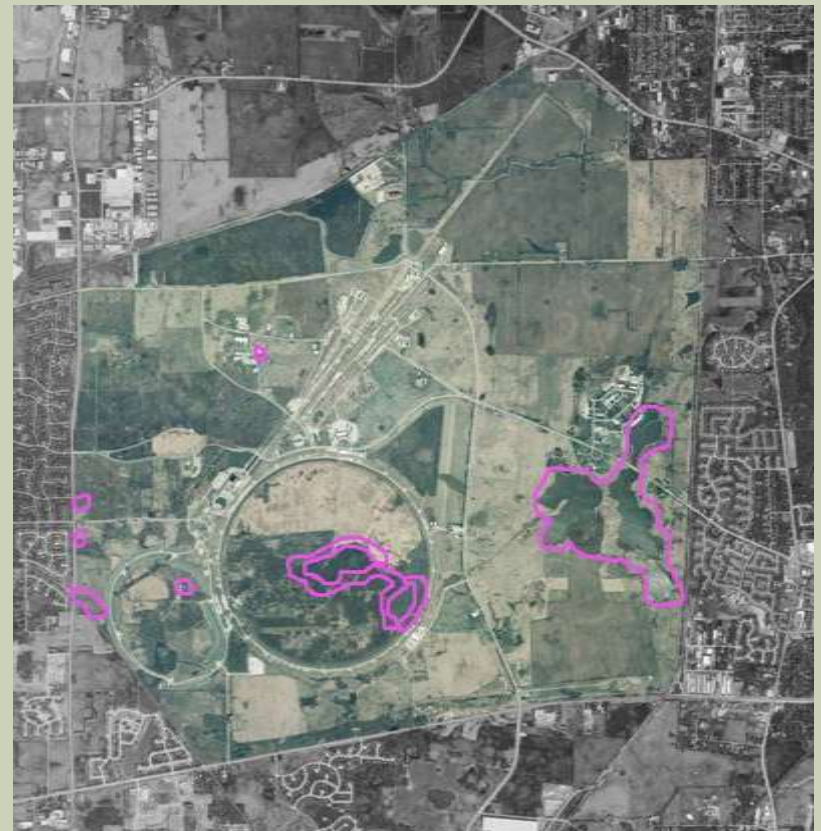


LYTHRUM SALICARIA- PURPLE LOOSESTRIFE

- Cut and Sprayed
 - Used boats on the lakes
- Pesticide- Aquaneat
 - At 2% per gallon



CaroLhe Savage, St. Lawrence Centre



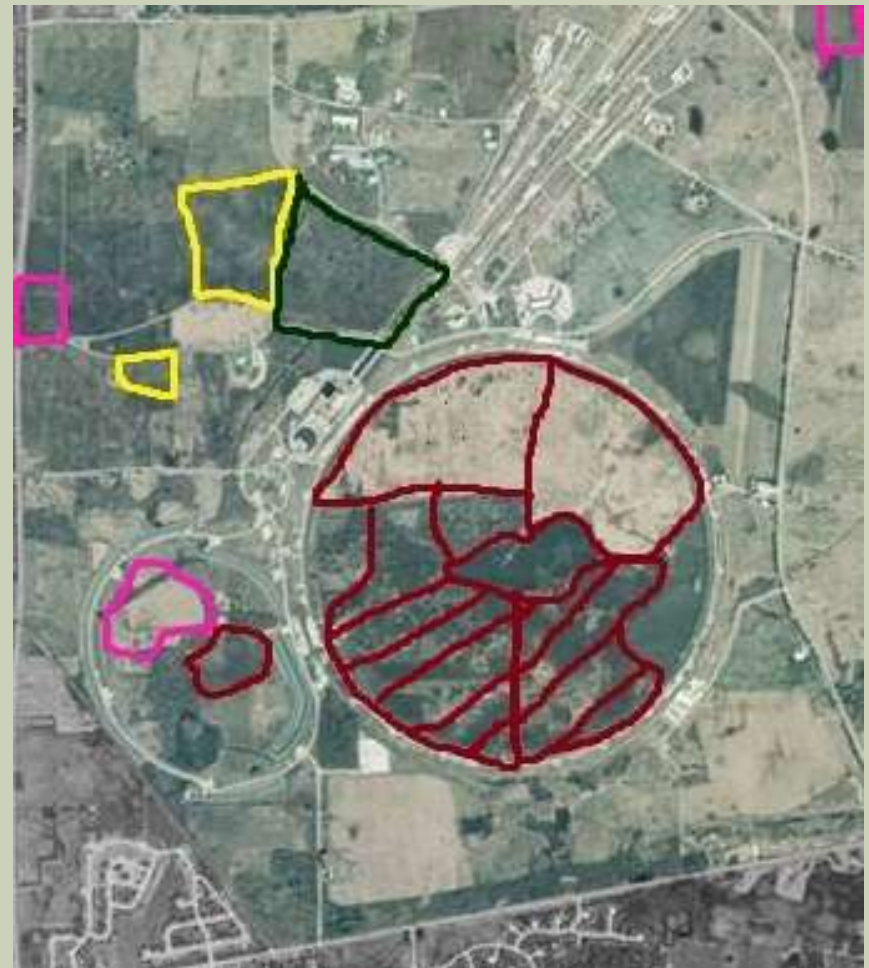
TOTAL AREA COVERED



- Total areas covered:
 - 2518.67 acres
 - 109,713,265.2 sq. ft
 - 37.04% of Femilab

ASSESSING INVASIVE SPECIES IN THE RESTORED NATURAL AREAS

- Invasive Species Cover Scale:
 - Dark Green: Very Good (1-5%)
 - Light Green: Good (6-15%)
 - Yellow: Fair (16-35%)
 - Pink: Poor (36-50%)
 - Red: Very Poor (51-100%)



NORTHWEST QUAD

- **Very Poor 52%**
 - 5% is invasive woody
 - 7% is invasive grass
 - 40% is invasive forbs
- **Biggest issue is Crown Vetch**
 - Especially along the water and far left corner



SOUTHEAST QUAD

- **Very Poor 75%**
 - 10% is invasive woody
 - 65% is invasive grass
- **Biggest issues are Reed Canary and Cattails**
 - Can't burn because of water levels



PLOT 15: INTERPRETIVE TRAIL

- **Fair 21%**
 - 1% is invasive woody
 - 5% is invasive grass
 - 15% is invasive forb
- **Major problems**
 - Reed Canary
 - Crown Vetch
 - Sweet Clover
 - Birdsfoot trefoil



BIG WOODS

- **Very Good 5.5%**
 - 2% is invasive woody
 - .5% is invasive grass
 - 3% is invasive forb
- **Problems**
 - Garlic Mustard
 - Buckthorn
 - Honeysuckle
 - Japanese Barberry



OVERALL

- Got a great head start this year
 - Last year was a lot of learning, experimenting and organization
 - We were able to go right at it thanks to experience
- Three of us working as a team we covered more areas
- Went above and beyond our goals
- Big differences from last year in areas that we sprayed
- Seeing positive grow back in spots sprayed previously

