

AIP CANADA SUPPLEMENT 33/22

FLIGHT OPERATIONS: FOREST SPRAYING LAC SAINT-JEAN, NORTH SHORE, LOWER ST. LAWRENCE, AND GASPESIE

This year, the Société de protection des forêts contre les insectes et maladies (SOPFIM) will once again carry out a large-scale aerial application of biological pesticides (Btk) to counter the ravages of the spruce budworm.

A total of 113 aircraft, including 19 pointers, 79 spray planes, and 15 spray helicopters will be spread over 11 operating bases across the province of Québec.

The following is a list of SOPFIM operating bases:

- Dolbeau / St-Félicien, QC (CYDO)
- Chicoutimi / St-Honoré, QC (CYRC)
- Charlevoix, QC (CYML)
- Forestville, QC (CYFE)
- Baie-Comeau / Pointe Lebel, QC (CYBC)
- Mont-Joli, QC (CYYY)
- Matane, QC (CYME)
- Ste-Anne-des-Monts, QC (CYSZ)
- Gaspé (Michel-Pouliot), QC (CYGP)
- Bonaventure, QC (CYVB)
- Du Rocher-Percé / Pabok, QC (CTG3)
- Charlo, NB (CYCL)

The following table provides an overview of the maximum number of planes per region, per base, during the busiest period of operations:

Lac Saint-Jean				
CYDO: 8 airplanes		CYRC: 9 airplanes		
North Shore				
CYFE: 4 airplanes		CYBC: 3 airplanes		CYML: 4 airplanes
Lower St. Lawrence				
CYYY: 4 airplanes			CYME: 6 airplanes	
Gaspesie and New-Brunswick				
CYSZ: 10 airplanes	CYGP: 7 airplanes	CYVB: 9 airplanes	CTG3: 6 airplanes	CYCL: 9 airplanes

A total of seven (7) helicopters will be based on the North Shore and eight (8) helicopters on the South Shore.

Timeline and Workflow

Aerial spraying operations will begin around 29 May 2022, in Lac Saint-Jean (on the North Shore) and in Bas-St-Laurent. Those in Gaspésie will begin as soon as the weather permits. The end of the operations is scheduled for the beginning of July.

Morning operations usually take place from 4:00 a.m. to 7:30 a.m. (local time) and may occasionally extend until 11:00 a.m. (local time). In the evening, operations take place from 6:00 p.m. to 9:30 p.m. (local time). For spraying operations to take place, the winds must be calm and there must be no precipitation.

Calibration and reconnaissance flights will be carried out during the day between 25 May 2022 and 1 June 2022. The plane usually sprays its pesticide about 50 feet above the tops of the trees. A surveillance aircraft flies and coordinates operations approximately 1,000 feet above the spraying aircraft. Spraying aircraft fly to designated areas at approximately 1,000 above ground level (AGL) and return to bases at approximately 2,500 feet above sea level (ASL), 3,000 feet ASL and 3,500 feet ASL.

The helicopters will be positioned at temporary operating sites. Crews will move frequently during the day to strategically position themselves for operations.

Aircraft Models and Communication Frequency

The following tables presents the aircraft models as well as their respective colors so that you can clearly identify them:

Spraying Aircraft

Models	Colours
Air Tractor 502	White or yellow
Air Tractor 504	
Air Tractor 602	
Air Tractor 802	
Thrush 510P	

Surveillance Aircraft

Models	Colours
Islander (BN-2)	White background lined with different colors
Partenavia (P-68)	
Piper Seneca (PA-34)	
Piper Navajo (PA-31)	
King Air 100 (BE10)	
Cessna 310 (C310)	
Cessna 337 (C337)	
Piper Seneca II	
Piper Seneca II Turbo (PA-34)	
Twin Comanche (PA-30)	
Piper Aztec (PA-23)	
Beechcraft Baron (BE-58)	

The surveillance aircraft pilot provides position reports on the 126.7 MHz frequency with the mention "SOPFIM Operations" each time a spraying operation takes place. You can communicate at any time with the surveillance aircraft pilot or the helicopter pilot on the 126.7 MHz frequency.

Map of Aerial Spraying Operations by Region

The following image shows a map of the regions where the spraying operations will take place, including all the sectors that will be sprayed.

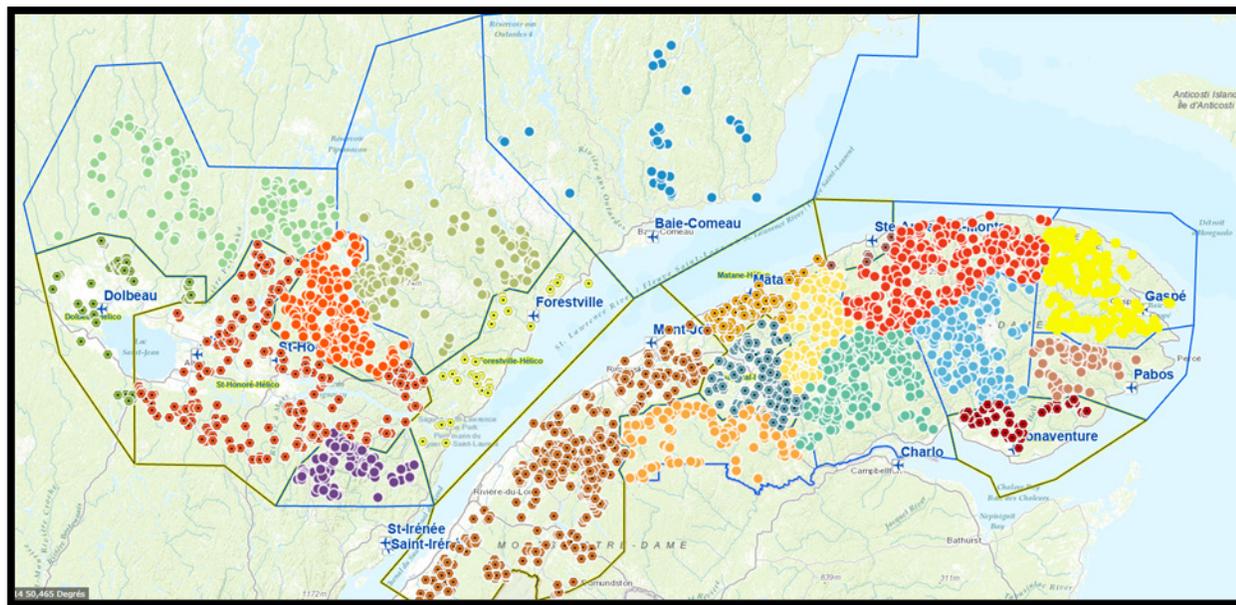


Figure 1: Aerial spraying operations map by region

If you must operate at low altitude in the same sectors, or if you think there will be a conflict with one of our aircraft, do not hesitate to notify us by email or phone. Our operations will be particularly intense on bases CYSZ, CYGP, CYVB, CTG3 and CYCL (Bas-St-Laurent and Gaspésie) as well as in the Monts-Valin sector (CYRC).

To obtain additional information, please contact:

La Société de protection des forêts contre les insectes et maladies (SOPFIM)
Attn: Nicolas Verreault, Deputy Director of Operations

Tel.: 418-554-1611
E-mail: n.verreault@sopfim.qc.ca

Chris Bowden
Acting Director, Aeronautical Information Management and Flight Operations