



# Regional Agricultural Weather Report

Issued: Monday, June 15, 2026  
— 06:00 AM NDT

Target Region: Central NL

Next Update: June 16, 2026 —  
06:00 AM NDT

## 1. Active Alerts & Risk Matrix

**⚠ ACTIVE SEVERE WEATHER ALERT:** A sharp cold front approaching Tuesday night brings a risk of localized thundershowers with brief intense downpours and small hail across Central production zones.

Risk Category	Risk Level	Operational Impact Period
Spraying Window	● HIGH RISK	Tuesday AM through Wednesday PM (High winds/Rain)
Frost / Freeze	● LOW RISK	Overnight lows holding above critical thresholds
Heat Stress	● LOW RISK	Temperatures remaining cool to near-seasonal
Drought Impact	● MODERATE	Below-average long-range accumulation profile

## 2. Short & Long-Range Operational Forecasts

### Short-Range Outlook (48-Hour Core Planning)

A slow-moving low-pressure system crossing the Newfoundland will dictate regional conditions over the next 48 hours.

- **Today (Monday):** Increasing high cloudiness. High 15°C except 9°C along exposed coastlines. Winds light, turning easterly 15 km/h by afternoon. No precipitation expected during daylight hours.
- **Tonight:** Overcast. Low 7°C. Winds shifting east-northeast and increasing to 25 km/h.
- **Tuesday:** Rain developing by midday across Central zones, pushing to the Avalon by late afternoon. High 17°C inland, but suppressed to 11°C near east-facing coasts. Total rainfall amounts of 10–15 mm by midnight.

### Long-Range Outlook (6-Day Trend Analysis)

Date	Max Temp	Min Temp	Precip Probability	Ag-Impact Summary
Wed, Jun 17	11°C	6°C	80% (Showers, 5-10 mm)	Saturated soils, cool soil temps delaying germination
Thu, Jun 18	14°C	7°C	40% (Scattered showers)	Leftover moisture; breaks of sun by late afternoon
Fri, Jun 19	17°C	10°C	20% (Mainly cloudy)	Improving conditions for mechanical field entry
Sat, Jun 20	13°C	8°C	70% (Showers, 10 mm)	Secondary front limits sustained field access

### 3. Specialized Agri-Metrics

#### Spraying Operations Wind Forecast

- **Monday Morning Window: OPTIMAL.** Winds variable under 10 km/h until 11:00 AM.
- **Monday Afternoon: MARGINAL.** Easterly winds increasing to 18 km/h. Increased drift risk for fine droplets.
- **Tuesday through Wednesday: UNFAVORABLE.** Sustained northeast winds 25 to 35 km/h with gusts exceeding 45 km/h. Operations should be suspended.

#### Frost and Freeze Monitoring

- **Current Soil Temp (10 cm depth): 11°C.**
- **Frost Risk: None.** The low-pressure system brings cloud cover, keeping nighttime boundary layers insulated. Overnight minimums will remain at or above 5°C, well clear of the 0°C crop damage threshold for emerging seedlings.

#### Heat Stress Tracking (Livestock & Crop)

- **Maximum THI (Temperature-Humidity Index):** Expected peak of 58 on Tuesday inland.
- **Livestock Status: SAFE.** Comfort zone maintained; no cooling mitigation required.
- **Crop Transpiration Rate:** Low demand due to high relative humidity and cloud cover.

### Rainfall Tracking & Soil Moisture

- **Last 7 Days Accumulation:** 4.2 mm (Deficit against historical seasonal norms).
- **48-Hour Forecast Accumulation:** 15 to 25 mm localized totals expected by Wednesday night.
- **Topsoil Moisture Status:** Currently *Short* in well-drained soils, but expected to recharge to *Adequate* or *Surplus* following the Tuesday night system.

### Drought Monitor (Long-Term Trend)

While this week's rainfall provides short-term relief for shallow-rooted forage crops, long-term deep soil moisture reserves remain under monitoring for early-stage drought development heading into July.

© Wx Centre

DO NOT COPY