

Garden Overview

Location Information

Location: Moncton, New Brunswick E1E 2A2
Climate Zone: 4a-6a
Last Spring Frost: May 10
First Fall Frost: October 01

Selected Plants (2 varieties)

Tomato
Broccoli

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Tomato

Plant Information

Sun Requirements: full sun
Water Needs: moderate to high
Days to Harvest: 75
Plant Spacing: 24 inches
Planting Depth: 0.25 inches

Planting Schedule

Start Seeds Indoors: March 15
Transplant Outdoors: May 10
Harvest Period: July 15 to September 30

Growing Instructions

Soil Preparation

Test soil pH to 6.0-6.8 using digital meter 2-3 weeks before planting Work 2-3 inches compost into top 8 inches soil when temperature reaches 50°F Choose location with full sun receiving 6-8 hours direct sunlight daily

Planting

Start Tomato seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.25 inches deep with 24 inch spacing between

plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Tomato deeply 1-1.5 inches per week checking soil moisture 2 inches deep every 3 days Apply 10-10-10 fertilizer at 2 tablespoons per plant every 3 weeks starting 2 weeks after transplant Mulch with 2-3 inches organic matter keeping 6 inches away from plant stem

Harvesting

Begin harvesting Tomato approximately 75 days after transplant when fruits reach full size Harvest in early morning 6-8 AM when temperatures below 75°F for best quality and flavor Cut stems with clean sharp shears 1/4 inch above leaf node to encourage continued production

Pest & Disease Management

Inspect Tomato weekly for common zone 4a-6a pests from May through September Apply neem oil spray at 2 tablespoons per gallon water every 14 days if pests detected Use floating row covers first 3 weeks after transplant to prevent early season pest damage

Broccoli

Plant Information

Sun Requirements: full sun

Water Needs: moderate to high

Days to Harvest: 65

Plant Spacing: 18 inches

Planting Depth: 0.5 inches

Planting Schedule

Direct Sow Outdoors: May 01

Harvest Period: June 15 to July 20

Growing Instructions

Soil Preparation

Test soil pH to 6.0-7.0 using digital meter 2-3 weeks before planting Work 2-3 inches compost into top 8 inches soil when temperature reaches 50°F Choose location with full sun receiving 6-8 hours direct sunlight daily

Planting

Start Broccoli seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.5 inches deep with 18 inch spacing between plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Broccoli deeply 1-1.5 inches per week checking soil moisture 2 inches deep every 3 days Apply 10-10-10 fertilizer at 2 tablespoons per plant every 3 weeks starting 2 weeks after transplant Mulch with 2-3 inches organic matter keeping 6 inches away from plant stem

Harvesting

Begin harvesting Broccoli approximately 65 days after transplant when fruits reach full size Harvest in early morning 6-8 AM when temperatures below 75°F for best quality and flavor Cut stems with clean sharp shears 1/4 inch above leaf node to encourage continued production

Pest & Disease Management

Inspect Broccoli weekly for common zone 4a-6a pests from May through September Apply neem oil spray at 2 tablespoons per gallon water every 14 days if pests detected Use floating row covers first 3 weeks after transplant to prevent early season pest damage

Planting Calendar for 4a-6a

March

- **Tomato:** Start Seeds Indoors (March 15)

May

- **Tomato:** Transplant Outdoors (May 10)
- **Broccoli:** Direct Sow (May 01)

June

- **Broccoli:** Harvest Begins (June 15)

July

- **Tomato:** Harvest Begins (July 15)

* Important Frost Dates

- **Last Spring Frost:** May 10
- **First Fall Frost:** October 01

Garden Layout Guide

Plant Spacing Guide

Plant	Spacing	Depth	Sun	Water
Tomato	24 inches	0.25 inches	full sun	moderate to high
Broccoli	18 inches	0.5 inches	full sun	moderate to high

Layout Tips

- Plant tall crops on the north side to avoid shading shorter plants
- Group plants with similar water needs together
- Consider companion planting benefits
- Leave pathways for easy access and maintenance