

JardAIIn - AI Garden Planner

Your Personalized Garden Plan

Moncton, New Brunswick

E1E 2A2

Climate Zone: 4a-6a

Last Spring Frost: May 10

First Fall Frost: October 01

3 Plants Selected
4a-6a Growing Zone

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AI-Powered Garden Planning

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 (3 varieties)

Tomato
Vegetable
Carrots
Vegetable
Garlic
Vegetable

Tomato

Vegetable

Plant Information

Category: Vegetable
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 15
Harvest Period: July 15 to October 01

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

Carrots

Vegetable

Plant Information

Category: Vegetable
Sun Requirements: full sun
Water Needs: moderate
Days to Harvest: 70
Plant Spacing: 2 inches
Planting Depth: 0.5 inches

Planting Schedule

Direct Sow Outdoors: May 15
Harvest Period: July 01 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 Carrots seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.5 inches deep with 2 inch spacing between plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Carrots 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 Carrots approximately 70 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 Carrots 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

Garlic

Vegetable

Plant Information

Category: Vegetable
Sun Requirements: full sun
Water Needs: low to moderate
Days to Harvest: 240
Plant Spacing: 4 inches
Planting Depth: 2.0 inches

Planting Schedule

Direct Sow Outdoors: October 01
Harvest Period: June 15 to July 31

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 Garlic seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 2.0 inches deep with 4 inch spacing between plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Garlic 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 Garlic approximately 240 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 Garlic 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

January

No plantings scheduled

February

No plantings scheduled

March

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

April

No plantings scheduled

May

- **Tomato:** Transplant Outdoors (May 15)
- **Carrots:** Direct Sow (May 15)

June

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

July

- **Tomato:** Harvest Begins (July 15)
- **Carrots:** Harvest Begins (July 01)

August

No plantings scheduled

September

No plantings scheduled

October

- **Garlic:** Direct Sow (October 01)

November

No plantings scheduled

December

No plantings scheduled

* 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
Carrots	2 inches	0.5 inches	full sun	moderate
Garlic	4 inches	2.0 inches	full sun	low to moderate

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