

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)

Radishes
Vegetable
Green Beans
Vegetable

Generated on May 23, 2025 at 06:00 PM by JardAIIn - AI Garden Planner

Radishes

Vegetable

Plant Information

Category: Vegetable
Sun Requirements: full sun
Water Needs: moderate
Days to Harvest: 25
Plant Spacing: 1 inches
Planting Depth: 0.5 inches

Planting Schedule

Direct Sow Outdoors: April 15
Harvest Period: May 10 to June 03

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 Radishes seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.5 inches deep with 1 inch spacing between plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Radishes 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 Radishes approximately 25 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 Radishes 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

Green Beans

Vegetable

Plant Information

Category:	Vegetable
Sun Requirements:	full sun
Water Needs:	moderate
Days to Harvest:	50
Plant Spacing:	6 inches
Planting Depth:	1.5 inches

Planting Schedule

Direct Sow Outdoors: May 15

Harvest Period: July 10 to September 03

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 Green Beans seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 1.5 inches deep with 6 inch spacing between plants Transplant outdoors 2 weeks after 2025-05-10 when nighttime temperatures stay above 50°F

Care & Maintenance

Water Green Beans 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 Green Beans approximately 50 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 Green Beans 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

April

- **Radishes:** Direct Sow (April 15)

May

- **Radishes:** Harvest Begins (May 10)
- **Green Beans:** Direct Sow (May 15)

July

- **Green Beans:** Harvest Begins (July 10)

* Important Frost Dates

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

Garden Layout Guide

Plant Spacing Guide

Plant	Spacing	Depth	Sun	Water
Radishes	1 inches	0.5 inches	full sun	moderate
Green Beans	6 inches	1.5 inches	full sun	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