

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)

Broccoli
Peppers
Spinach

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Broccoli

Plant Information

Category: Vegetable
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: April 15
Harvest Period: June 20 to July 25

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

Peppers

Plant Information

Category: Vegetable
Sun Requirements: full sun
Water Needs: moderate
Days to Harvest: 80
Plant Spacing: 18 inches
Planting Depth: 0.25 inches

Planting Schedule

Direct Sow Outdoors: May 01
Harvest Period: July 25 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 Peppers seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.25 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 Peppers 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 Peppers approximately 80 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 Peppers 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

Spinach

Plant Information

Category:	Vegetable
Sun Requirements:	partial shade
Water Needs:	moderate
Days to Harvest:	40
Plant Spacing:	4 inches
Planting Depth:	0.5 inches

Planting Schedule

Direct Sow Outdoors: April 01

Harvest Period: May 15 to June 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 partial shade receiving 6-8 hours direct sunlight daily

Planting

Start Spinach seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.5 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 Spinach 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 Spinach approximately 40 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 Spinach 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

- **Broccoli:** Direct Sow (April 15)
- **Spinach:** Direct Sow (April 01)

May

- **Peppers:** Direct Sow (May 01)
- **Spinach:** Harvest Begins (May 15)

June

- **Broccoli:** Harvest Begins (June 20)

July

- **Peppers:** Harvest Begins (July 25)

✱ Important Frost Dates

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

Garden Layout Guide

Plant Spacing Guide

Plant	Spacing	Depth	Sun	Water
Broccoli	18 inches	0.5 inches	full sun	moderate to high
Peppers	18 inches	0.25 inches	full sun	moderate
Spinach	4 inches	0.5 inches	partial shade	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