

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)

Beets
Green Onions
Lettuce

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Beets

Plant Information

Sun Requirements: full sun
Water Needs: moderate
Days to Harvest: 55
Plant Spacing: 3 inches
Planting Depth: 0.5 inches

Planting Schedule

Direct Sow Outdoors: May 01
Harvest Period: June 15 to July 10

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 Beets seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.5 inches deep with 3 inch spacing between plants

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

Care & Maintenance

Water Beets 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 Beets approximately 55 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 Beets 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 Onions

Plant Information

Sun Requirements: full sun

Water Needs: moderate

Days to Harvest: 65

Plant Spacing: 2 inches

Planting Depth: 0.5 inches

Planting Schedule

Direct Sow Outdoors: May 01

Harvest Period: June 20 to August 15

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 Onions 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 Green Onions 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 Onions 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 Green Onions 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

Lettuce

Plant Information

Sun Requirements: partial shade

Water Needs: moderate

Days to Harvest: 45

Plant Spacing: 6 inches

Planting Depth: 0.25 inches

Planting Schedule

Direct Sow Outdoors: April 20

Harvest Period: May 25 to July 01

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 Lettuce seeds indoors 6-8 weeks before 2025-05-10 at 70-75°F soil temperature Sow seeds 0.25 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 Lettuce 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 Lettuce approximately 45 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 Lettuce 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

- **Lettuce:** Direct Sow (April 20)

May

- **Beets:** Direct Sow (May 01)
- **Green Onions:** Direct Sow (May 01)
- **Lettuce:** Harvest Begins (May 25)

June

- **Beets:** Harvest Begins (June 15)
- **Green Onions:** Harvest Begins (June 20)

✱ Important Frost Dates

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

Garden Layout Guide

Plant Spacing Guide

Plant	Spacing		Depth	Sun	Water
Beets	3 inches	0.5 inches		full sun	moderate
Green Onions	2 inches	0.5 inches		full sun	moderate
Lettuce	6 inches	0.25 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