

JardAI - AI Garden Planner

AI-Powered Garden Planning

Your Personal Garden Plan

Moncton, New Brunswick

USDA Zone 4a-6a

2

Plant Varieties

4a-6a

USDA Zone

Growing Days

Your Selected Plants

Peppers

Beets

Generated on May 23, 2025

Last Frost: May 10 * First Frost: October 01

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Garden Overview

Your Location

Location
Moncton, New Brunswick E1E 2A2

USDA Hardiness Zone
Zone 4a-6a

Last Spring Frost
May 10
✱
First Fall Frost
October 01

Plant Selection Summary

Vegetable (2)
Peppers, Beets

✧ Quick Reference

Start Planning
Begin indoor seedlings 6-8 weeks before last frost

Temperature Watch
Monitor night temperatures before transplanting outdoors

Watering Guide
Deep, infrequent watering promotes strong root systems

Sun Requirements
Most vegetables need 6-8 hours of direct sunlight daily

Your Personalized Planting Calendar

180
Growing Season Days
Spring
Summer
Fall
March

Peppers
Start Seeds Indoors
March 15

May

Peppers
Transplant Outdoors
May 20

Beets
Direct Sow
May 20
June
✱

Beets
Harvest Begins
June 15
July
✱

Peppers
Harvest Begins
July 25

Legend

Sowing/Planting
Transplanting
Harvesting

Peppers

Vegetable

80 days
Days to Harvest

18 inches
Plant Spacing
✱

Sun Requirements
full sun

Water Needs
moderate

Planting Depth
0.25 inches

Planting Timeline

Start Seeds Indoors
March 15

Transplant Outdoors
May 20

Harvest Period
July 25 to September 10

Complete Growing Guide

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 Instructions

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 Guide

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

Beets

Vegetable

55 days
Days to Harvest

3 inches
Plant Spacing



Sun Requirements
full sun

Water Needs
moderate

Planting Depth
0.5 inches

Planting Timeline

Direct Sow Outdoors
May 20

Harvest Period
June 15 to July 10

Complete Growing Guide

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 Instructions

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 Guide

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

Garden Layout Recommendations

Optimized Plant Placement

Based on your plant selection, here are AI-powered recommendations for optimal garden layout considering companion planting, spacing requirements, and growth patterns.

Plant Spacing Guide

Peppers
18 inches
Beets
3 inches

Expert Gardening Tips

Water in the early morning to reduce evaporation and prevent disease

Start with healthy soil - add compost regularly to improve structure and nutrients

Encourage beneficial insects by planting flowers among your vegetables

Give plants proper spacing to ensure good air circulation and prevent disease

Succession plant lettuce and radishes every 2-3 weeks for continuous harvest

Rotate crops annually to prevent soil depletion and reduce pest problems

Use mulch to regulate soil temperature and retain moisture

✂ Regular harvesting encourages plants to produce more

Keep a garden journal to track what works in your specific location

Harvest herbs in the morning after dew evaporates for best flavor

Happy Gardening!

Your garden plan has been carefully crafted using AI technology and expert gardening knowledge. Remember that gardening is both an art and a science – use this plan as your guide, but don't hesitate to adapt based on your local conditions and observations.

"The best time to plant a tree was 20 years ago. The second best time is now."

- Chinese Proverb

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