

Gardening 101 with Prepper Dan



Is there a coming crisis?

We ARE CURRENTLY in a crisis!

- **PROVERBS 6:6-11** ⁶ **GO TO THE ANT, YOU SLUGGARD;
CONSIDER ITS WAYS AND BE WISE!**
⁷ **IT HAS NO COMMANDER,
NO OVERSEER OR RULER,**
⁸ **YET IT STORES ITS PROVISIONS IN SUMMER
AND GATHERS ITS FOOD AT HARVEST.**
⁹ **HOW LONG WILL YOU LIE THERE, YOU SLUGGARD?
WHEN WILL YOU GET UP FROM YOUR SLEEP?**
¹⁰ **A LITTLE SLEEP, A LITTLE SLUMBER,
A LITTLE FOLDING OF THE HANDS TO REST —**
¹¹ **AND POVERTY WILL COME ON YOU LIKE A THIEF
AND SCARCITY LIKE AN ARMED MAN.**

Gardening Challenges:

- Never done it before
- Don't know what to do
- Don't have the time
- Can't afford it
- I don't have the space



Gardening Challenges:

- Never done it before – we must adapt to changing times, just like pre-depression day era
- Don't know what to do – we need to learn new skills
- Don't have the time – you never will, but you need to MAKE time
- Can't afford it – you cannot afford NOT to
- I don't have the space – there are options and we will offer those

Man's three basic needs: Food; Water; Shelter/Protection





1. Prepare your garden space

Options: depend on space/ # of people/ type of land



1. Prepare your garden space

Options: Homeowners: Yard/acreage

Soil Ph - 6.5 is basic average

Soil Sample NPK (Nitrogen, Phosphorus, Potash)



1. Prepare your garden space

Till a patch of soil

Lasagna garden

Raised beds

Containers

Greenhouse

Row/Poly tunnels

City/Town – Community Type Garden

- USA: Americans spend \$30 Billion/yr in lawncare annually to maintain 40 million acres of lawn
- If 1/3 of lawns were converted into food producing gardens, hunger could be eliminated
- Grow food, not lawns



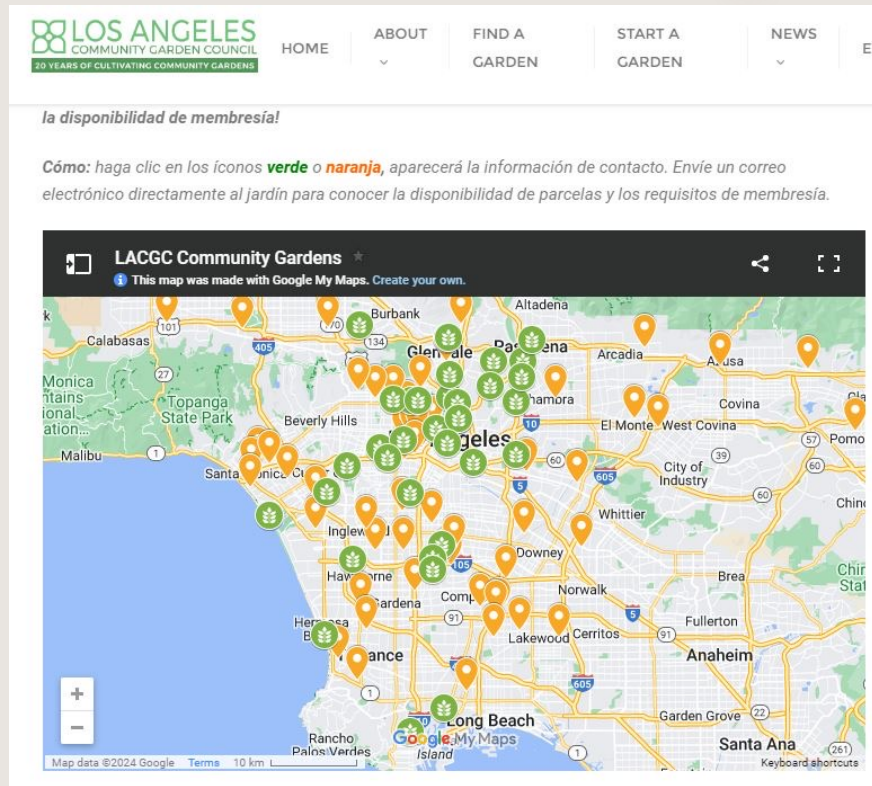
Gardening Communities within Communities



Gardening Communities within communities



Gardening Communities within communities





Grow Food, Not Lawns

Kitchen Garden


Edible Flower Garden

Salad Garden

Kids Garden

The image is a split-screen photograph. The left half shows a green lawn with a wooden fence and a house in the background. The right half shows a garden with raised beds, straw mulch, and people working. The text "Grow Food, Not Lawns" is overlaid in the center.

Grow Food, Not Lawns



Grow Food, Not Lawns

























Start Seedlings

Planting Dates for Spring				
On average, your last spring frost occurs on May 27 (at SYDNEY A, NS climate station, elevation 200 feet).				
<div><div>⚙️ Based on Frost Dates</div><div>🌙 Based on Moon Dates</div></div>				
Crop	Start Seeds Indoors	Plant Seedlings or Transplants	Start Seeds Outdoors	Last Date to Plant
Arugula	<div>⚙️ Apr 1-15</div> <div>🌙 Apr 8-15</div>	<div>⚙️ May 6-20</div> <div>🌙 May 7-20</div>	<div>⚙️ Apr 29-May 6</div>	Sep 12
Asparagus	N/A	N/A	<div>⚙️ May 13-27</div> <div>🌙 May 24-27</div>	May 27
Basil	<div>⚙️ Apr 15-29</div> <div>🌙 Apr 15-23</div>	<div>⚙️ Jun 10-24</div> <div>🌙 Jun 10-21</div>	<div>⚙️ Jun 10-24</div> <div>🌙 Jun 10-21</div>	Aug 29
Beets	N/A	<div>⚙️ May 13-27</div> <div>🌙 May 24-27</div>	<div>⚙️ Apr 29-May 6</div> <div>🌙 Apr 29-May 6</div>	Jun 10
Bell Peppers	<div>⚙️ Mar 18-Apr 1</div> <div>🌙 Mar 18-25</div>	<div>⚙️ Jun 10-17</div> <div>🌙 Jun 10-17</div>	N/A	Jul 18
Bok Choy	<div>⚙️ Apr 15-29</div> <div>🌙 Apr 15-23</div>	<div>⚙️ Jun 10-17</div> <div>🌙 Jun 10-17</div>	<div>⚙️ Jun 10-17</div> <div>🌙 Jun 10-17</div>	Jul 8
Broccoli	<div>⚙️ Apr 1-15</div> <div>🌙 Apr 8-15</div>	<div>⚙️ May 13-27</div> <div>🌙 May 13-23</div>	<div>⚙️ Apr 29-May 6</div>	Aug 8
Brussels Sprouts	<div>⚙️ Apr 15-29</div> <div>🌙 Apr 15-23</div>	<div>⚙️ May 13-27</div> <div>🌙 May 13-23</div>	<div>⚙️ Apr 29-May 6</div>	Jul 4

Start Seedlings

Salsify	N/A	N/A	☃ Apr 29-May 13 ☾ Apr 29-May 6	Jul 4
Spinach	☃ Apr 15-29 ☾ Apr 15-23	☃ May 6-13 ☾ May 7-13	☃ Apr 29-May 6	Jun 10
Sweet Potatoes	N/A	N/A	☃ Jun 10-24 ☾ Jun 22-24	Jun 27
Swiss Chard	☃ Apr 15-29 ☾ Apr 15-23	☃ May 13-27 ☾ May 13-23	☃ May 6-27 ☾ May 7-23	Jun 10
Thyme	☃ Mar 18-Apr 1 ☾ Mar 18-25	☃ Jun 3-10 ☾ Jun 6-10	N/A	Jul 18
Tomatillos	☃ Apr 15-29 ☾ Apr 15-23	☃ Jun 10-24 ☾ Jun 10-21	N/A	Jul 25
Tomatoes	☃ Apr 1-15 ☾ Apr 8-15	☃ Jun 10-17 ☾ Jun 10-17	N/A	Jul 11
Turnips	N/A	N/A	☃ Apr 29-May 6 ☾ Apr 29-May 6	Sep 12
Watermelons	☃ May 6-20 ☾ May 7-20	☃ Jun 10-17 ☾ Jun 10-17	☃ Jun 3-10 ☾ Jun 6-10	Jul 11
Winter Squash	☃ May 6-13 ☾ May 7-13	☃ Jun 3-17 ☾ Jun 6-17	☃ Jun 10-17 ☾ Jun 10-17	Jun 20
Zucchini and Summer Squash	☃ May 6-13 ☾ May 7-13	☃ Jun 3-17 ☾ Jun 6-17	☃ Jun 10-17 ☾ Jun 10-17	Aug 8

Start Seedlings

Planting Dates for Fall				
On average, your first fall frost occurs on October 10 (at SYDNEY A, NS climate station).				
<div><div> Based on Frost Dates</div><div> Based on Moon Dates</div></div>				
Crop	Start Seeds Outdoors	Transplant	Average Days to Maturity	Frost Tolerance
Arugula	<div><div> Aug 22-Sep 26</div><div> Sep 2-17</div></div>	N/A	40	Frost-hardy
Beets	<div><div> Jul 18-Aug 15</div><div> Jul 22-Aug 3</div></div>	N/A	50	Frost-tolerant
Bok Choy	<div><div> Aug 1-22</div><div> Aug 4-19</div></div>	N/A	50	Frost-tolerant
Broccoli	<div><div> Jul 11-18</div><div> Jul 11-18</div></div>	<div><div> Aug 1-15</div><div> Aug 4-15</div></div>	60	Frost-tolerant
Brussels Sprouts	<div><div> Jun 20-Jul 4</div><div> Jun 20-21</div></div>	N/A	100	Frost-hardy
Cabbage	<div><div> Jul 11-18</div><div> Jul 11-18</div></div>	<div><div> Aug 1- 8</div><div> Aug 4- 8</div></div>	90	Frost-tolerant
Carrots	<div><div> Jul 25-Aug 1</div><div> Jul 25-Aug 1</div></div>	N/A	70	Frost-tolerant
Cauliflower	<div><div> Jul 4-11</div><div> Jul 5-11</div></div>	<div><div> Jul 18-25</div><div> Jul 18-21</div></div>	75	Frost-tolerant



Start Seedlings (Feb-May)

- Broccoli
 - Brussels Sprouts
 - Cauliflower
 - Cucumber
 - Celery
 - Eggplant
 - Kale
- Kohlrabi
Leeks
Lettuce
Melons
Onion seeds
Peppers
Tomatoes



Direct Sow (May-Sept)

- Beans (bush & pole)
- Cabbage
- Corn
- Lettuce
- Parsnips
- Potatoes
- Radish
- Squash
- Swiss Chard

Beets
Carrots
Cucumber
Onion sets
Peas
Pumpkins
Spinach

Buying Seed

10% off seed order: use coupon code Action4Canada at checkout

'Kentucky Wonder Green' - Pole Bean

4-5 seeds/gram The growth requirements for pole beans are mostly the same as bush beans. The main difference is pole beans need to be grown on trellises, open weave fencing, nylon bean netting strung between supports or on bamboo or pole teepees. Securely anchor temporary structures to prevent collapse during the growing season. Make sure irrigation supplements rainfall during droughty weather.

Life Cycle: Annual
Propagation: Sow Direct
Days to Emergence: 8
Light: Full Sun
Growth Habit: Climbing
Height: Tall (> 70 cm)
Frost Tolerance: Killed by Frost
Days to Harvest: 65
Degree of Difficulty: Easy
Heritage: Heirloom
Family Name: Papilionoideae
Latin: Phaseolus vulgaris

'Stringless Green Pod' - Green Beans

4-5 seeds/gram Culture: Beans tolerate a wide range of soil types. Their best growth is in light, organic, well drained soil with a pH of about 6.5. Beans have a distinct dislike for cold, wet soils, so sow seed only after the soil has warmed to at least 16 C (60 F). Sow 2.5 cm (1") deep and 8 cm (3") apart in rows spaced 45 to 70 cm (18 to 28") apart. To ensure a continuous harvest, sow bush-type varieties every 10 days until mid-July. Keep beans evenly watered, particularly when the plants are in flower and when production of the pods start. Avoid the use of high nitrogen fertilizer. Nitrogen promotes excessive foliage. Avoid disturbing beans when leaves are damp to reduce the incidence of disease.

Blooming Season Begins: Early Summer
Life Cycle: Annual
Propagation: Sow Direct
Days to Emergence: 8
Light: Full Sun
Growth Habit: Bushy
Height: Medium Tall (30 to 70 cm)
Frost Tolerance: Killed by Frost
Days to Harvest: 52
Degree of Difficulty: Easy
Heritage: Heirloom
Family Name: Papilionoideae
Latin: Phaseolus vulgaris

'Blue Lake Pole' - Green Bean

4-5 seeds/gram The growth requirements for pole beans are mostly the same as bush beans. The main difference is pole beans need to be grown on trellises, open weave fencing, nylon bean netting strung between supports or on bamboo or pole teepees. Securely anchor temporary structures to prevent collapse during the growing season. Make sure irrigation supplements rainfall during droughty weather.

Rainbow Seeds - Welcome Back!



Connect



ONLINE SEED STORE

VARIETY PACKS

more...

Cart (0)

Search



Bulk / Wholesale

Plants / Pickup Only

New Garden Seeds

Artichoke

Asian Varieties - New!

Asparagus

Beans

Baby Greens

Beets

Broccoli & Rapini

Brussel Sprouts

Cabbage / Collard

Carrots

Cauliflower

Celery

Corn

Cress / Peppergrass



Herbs Variety Seeds Packs - Canadian Climates - 10% Savings!

CA\$20.00

Shop



Tomato Seeds Variety Pack - Top 10 Sellers - 20% Savings!

CA\$20.00

Shop



'Herbal Teas' - (Non-GMO) - Variety Seeds Packs - 20% Savings!

CA\$20.00

Shop



Heirloom & Non-GMO - Vegetable Garden Seeds



'Moskovitch' - (Non-GMO) -
Slicer Tomato Seeds - 200mg
(Heirloom)
CAS2.49 - CAS10.58



'Heinz 1439' - (Non-GMO) -
Canning Tomato Seeds -
200mg
CAS2.49 - CAS17.93



'Lucky Self' - (Non-GMO) -
Dwarf Tomato Seeds - 200mg
CAS2.49 - CAS17.93



'Oregon Spring' - (Non-GMO) -
Slicer Tomato Seeds - 100mg
CAS1.89 - CAS8.51



'Mortgage Lifter' - (Non-GMO) -
Tomato Seeds - 200mg -
(Heirloom)
CAS2.49 - CAS17.93



'Early Pollock' - (Non-GMO) -
Slicing Tomato Seeds - 200mg
CAS2.49 - CAS10.58



'Cuostaler' - (Non-GMO) -
Tomato Seeds - 200mg -
(Heirloom)
CAS2.49 - CAS10.58



'Black Brandywine' - (Non-
GMO) - Tomato Seeds -
200mg - (Heirloom)
CAS2.49



'Campbell 33' - (Non-GMO) -
Processing Tomato Seeds -
200mg - (Heirloom)
CAS2.49 - CAS10.58



'Old German' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS2.49 - CAS17.92



'Money Maker' - (Non-GMO) -
Greenhouse Tomato Seeds -
200mg
CAS2.49 - CAS17.93



'Ponderosa Pink' - (Non-GMO) -
Tomato Seeds - 200mg
CAS2.49 - CAS17.93



'Black Krim' - (Non-GMO) -
Tomato Seeds - 200mg -
(Heirloom)
CAS2.49 - CAS10.58



'Yellow Brandywine' - (Non-
GMO) - Tomato Seeds -
200mg - (Heirloom)
CAS2.49 - CAS17.93



'Siberian' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS2.49 - CAS17.93



'Sicilian Sauce' - (Non-GMO) -
Tomato Seeds - 200mg
CAS2.49 - CAS17.93



'Thru'da' - (Non-GMO) - Tomato
Seeds - 200mg - (Heirloom)
CAS1.89 - CAS14.74



'Jubilee' - (Non-GMO) - Yellow
Tomato Seeds - 200mg -
(Heirloom)
CAS1.89 - CAS14.74

Tomato - Main



'Indian Moon' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS2.49 - CAS17.92



'Rainbow Mix' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
300mg
CAS2.49 - CAS17.92



'Beefsteak' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
300mg
CAS1.89 - CAS72.10



'Kellogg's Breakfast' - (Non-
GMO) - Tomato Seeds -
(Heirloom) - 200mg
CAS2.49



'Brandywine' - (Non-GMO) -
Amish - Tomato Seeds -
(Heirloom)
CAS2.49 - CAS17.92



'Scotia' - (Non-GMO) - Tomato
Seeds - 200mg
CAS1.89 - CAS14.74



'Bonny Best' - (Non-GMO) -
Tomato Seeds - 200mg
CAS1.89 - CAS14.74



'Golden Queen' - (Non-GMO) -
Yellow Tomato Seeds -
(Heirloom)



'Cherokee Purple' - (Non-GMO) -
Tomato Seeds - 200mg
CAS2.49 - CAS17.92



'Potentate' - (Non-GMO) -
Dwarf Tomato Seeds - 200mg
CAS1.89 - CAS14.74



'Black Zebra' - (Non-GMO) -
Tomato Seeds - 200mg
CAS1.89 - CAS14.74



'Quebec 5' - (Non-GMO) -
Tomato Seeds - 200mg
CAS2.49 - CAS17.93



'Black & Brown Bear' - (Non-
GMO) - Tomato Seeds -
200mg
CAS2.49 - CAS17.93



'Box Car Willie' - (Non-GMO) -
Tomato Seeds - 200mg -
(Heirloom)
CAS1.89 - CAS14.74



'Puck' - (Non-GMO) - Dwarf
Tomato Seeds - 200mg
CAS1.89 - CAS14.74



'Pink Boar' - (Non-GMO) -
Tomato Seeds - 200mg
CAS1.89 - CAS14.74



'Carbon' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS2.49 - CAS17.93



'Extreme Dwarf Bush' - (Non-
GMO) - Tomato Seeds -
200mg
CAS2.49



'Pink Brandywine' - (Non-
GMO) - Tomato Seeds -
300mg - (Heirloom)
CAS1.89 - CAS14.72



'Amish Gold' - (Non-GMO) -
Tomato Seeds - 200mg
CAS3.50



'Meme Beauce' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS3.50



'Picardy' - (Non-GMO) -
Tomato Seeds - (Heirloom) -
200mg
CAS3.50



'Valencia' - (Non-GMO) -
Tomato Seeds - 200mg
CAS3.50

3. Transplants, Direct Seed & Buying Plants

- Harden off period 7-10 days
- Lay out your garden area
- Consider companion planting benefits

Maximize your space – grow “up” as much as possible



Garden Design to
include companion
planting and variety
can be fun.





Be Creative with your space



Water & Fertilizer

Manure tea: 5 gal bucket + bag of cow or sheep manure

Fill $\frac{1}{4}$ with manure and rest with water

Let sit for 1-2 days

Dilute 1 part "tea" to 10 parts water 1x week





Water & Fertilizer

- Psalms 72:16 May grain abound throughout the land; on the tops of the hills may it sway. May the crops flourish like Lebanon and thrive like the grass of the field.
- Acts 14:17 Yet he has not left himself without testimony: He has shown kindness by giving you rain from heaven and crops in their seasons; he provides you with plenty of food and fills your hearts with joy.

5. Mulch

Straw

Compost

Wood chips

Cardboard

Shredded paper

Dry grass clippings

Black plastic

Landscape fabric

Shredded leaves



6. Maximize your space

Climbing plants:

Cukes

Pole beans


Peas

Summer squash




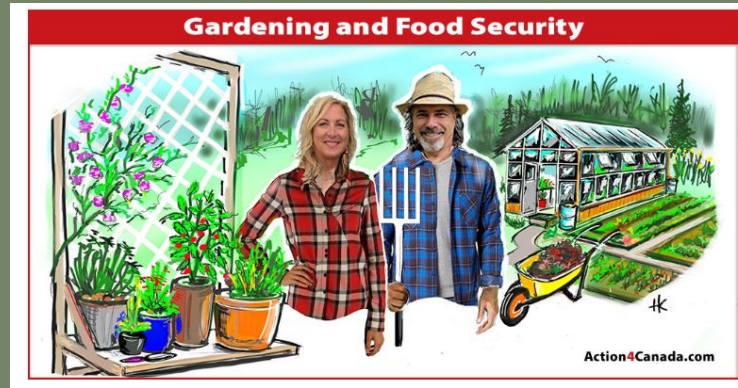
Maximize your space

- Companion planting

<p><u>TOMATOES</u></p> 	<p>Asparagus Basil Borage Calendula Dill Garlic Nasturtium Onion Parsley Thyme</p>	<p>Calendula deters general garden pests</p> <p>Asparagus repels nematodes.</p> <p>Basil repels whiteflies, mosquitoes, spider mites, and aphids.</p> <p>Basil also attracts bees, which improves pollination, tomato health, and flavor.</p> <p>Borage repels hornworms.</p> <p>Dill makes it difficult for cutworms to lay their eggs and supports parasitic wasps that attack pest caterpillars.</p> <p>Thyme reduces egg laying by armyworms.</p>
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Maximize your space

<p><u>CUCUMBERS</u></p> 	<p>Beans Borage Dill Lettuce Nasturtiums Oregano Radish Sunflowers Tansy</p>	<p>Dill is thought to protect against aphids and mites. Nasturtium deters aphids, beetles, and bugs and improves growth and flavor. Oregano deters pests in general. Radish, Nasturtium, and Tansy repel cucumber beetles; radish also repels flea beetles. Tansy also deters ants, beetles, bugs, and flying insects, as does borage, improving flavor and growth.</p>
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7. Harvest, Preserve & Enjoy

<https://action4canada.com/food-security/>

Learn from the Valiant Woman Proverbs 31


- Proverbs 31:13 She selects wool and flax and works with eager hands. **Household goals**
- Proverbs 31:15 She gets up while it is still night; she provides food for her family. **Rises early**
- Proverbs 31:24 She makes linen garments and sells them, and supplies the merchants with sashes. **Entrepreneur**
- Proverbs 31:16 She considers a field and buys it; out of her earnings she plants a vineyard. **Long term goals**

Tower Garden by Juice Plus





<https://je1.towergarden.com/>

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- Ecclesiastes 11:6 Sow your seed in the morning, and at evening let your hands not be idle, for you do not know which will succeed, whether this or that, or whether both will do equally well.