

Establishing a Community Garden



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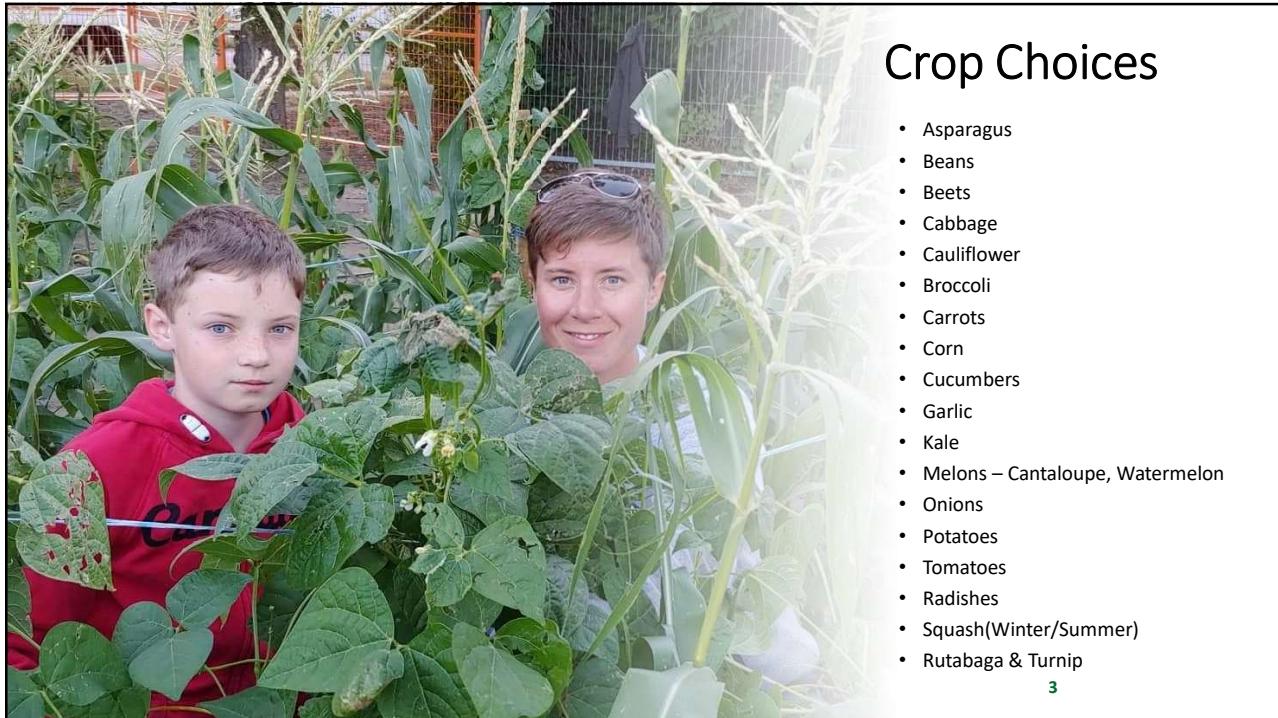
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Food, Fitness & Fellowship



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Garden Planning

Vegetable Source: Farmers Way	How Much to Plant per Person
Asparagus	10 Plants
Broccoli	5 Plants
Bush Green Beans	20 Plants
Cabbage	10 Plants
Carrots	40 square feet
Celery	5 Plants
Corn	60 square feet
Cucumbers	2 Plants
Garlic	30 Plants
Green Onions	50 plants
Lettuce	40 square feet
Dry Onion	50 plants
Peppers	5 Plants
Potatoes	50 ft row
Shelling Peas	40 ft row
Zucchini	2 plants
Tomatoes	6 – 8 plants
Winter Squash	2 Plants

An Example

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Seed Required

DIRECT-SEEDED VEGETABLE CROPS CHART					
Vegetable	AVERAGE SEEDS NEEDED PER 100' Row	AVERAGE YIELD PER 100'		AVERAGE YIELD PER Acre	
		Weight	# of seeds/H-1,000	lb.	lb.
Beets, bush	200 seeds	1.00M	80	4,000	16,000
Beets, pole	420 seeds	40M	80	11,600	46,400
Beets, lima	1 lb.	145 lb.	17	2,000	7,600
Beets, shell	7/8 lb.	22 lb.	8	3,400	12,600
Beets, red	7/8 lb.	87 lb.	20	4,000	15,200
Beets, red	1,500 seeds	405M	40	40 lb. greens, 60 lb. roots	14,400 lb. roots
Broccoli	200 seeds	67M	50	7,250	29,000
Broccoli sprouts	200 seeds	29-37M	50	8,000	32,000
Brussels sprouts	700 seeds	6 lb.	60	13,000	52,000
Buckwheat	7/8 oz.	10 oz.	60	20 lb. fresh, 12 lb. dry	2,000
Cabbage	200 seeds	29M	150	85 heads	22,000
Cabbage, Chinese	200 seeds	64M	140	80 heads	23,200
Carrot	3,000 seeds	720M	150	80	33,000
Carrot	200 seeds	29M	120 lb. 60 heads	17,000	20,000
Cauliflower	720 seeds	1 lb.	70	16,000	64,000
Celery	720 seeds	30M	8 dozen ears	1,200 dozen ears	9,600
Corn, sweet	250 seeds	18 1/4 lb.	20 lb. fresh, 12 lb. dry	2,000	8,000
Corn, ornamental	7/8 lb.	15M	120	17,500	66,000
Cucumber	200 seeds	175M	100	17,500	175,000
Eggplant	200 seeds	10 oz.	100	100 heads	10,000
Greens, mustard	1,600 seeds	17 1/2 lb.	100	29,000	35,000
Kale	450 seeds	1 lb.	120	16,000	19,200
Kohlrabi	1,300 seeds	25M	120	14,000	16,800
Leeks	500 seeds	11 oz.	105M	100 stalks	32,500 stalks
Lettuce	500 seeds	15 oz.	140M	100 heads	29,000 heads
Melons	200 seeds	15 oz.	110M	100 fruits	14,000 fruits
Onions, bulbing	2,000 seeds	50M	140	45,000	180,000
Onions, bunching	720 seeds	7 1/2 lb.	1,710M	100 lb.	29,000 lb.
Parsnips	7 oz. or 2,000 seeds	4 lb.	4,050M	75 lb.	16,000 lb.
Parsnips	7 oz.	2,000M	25	5,000	12,500
Pumpkin	200 seeds	3 lb.	15M	300 lb.	21,000
Radish, small	7/2 oz.	31 lb.	1,555M	100 bunches	25,000 bunches
Radicchio	7/8 oz.	7 lb.	20M	40 lb.	1,600
Rutabaga	500 seeds	14 oz. or 40	131M	120 lb.	32,400 lb.
Salsify	74 oz.	10 1/2 lb.	60	60	17,400
Squash, full size	1,000 seeds	29M	40	11,600	46,400
Squash, summer	300 seeds	22-26M	200	30,000	108,000
Zucchini	300 seeds	22-26M	200	30,000	108,000
Yellow Summer	300 seeds	22-26M	200	30,000	108,000
Winter Parsnips	200 seeds	23M	200	20,000	80,000
Spinach, winter	200 seeds	15M	200	30,000	108,000
Turnip	77 oz.	87 lb.	100 lb. greens, 50 lb. roots	14,500 lb. roots	58,000
Watermelon	200 seeds	17 1/2 lb.	15M	75 fruits	12,000

From Johnnyseeds.com

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Seed Sources

- Local Garden Supply Stores
- Mail Order/ On-line
 - Stokes Seeds – <https://www.stokesseeds.com/ca/>
 - Early's Farm & Garden – <https://www.earlysgarden.com/>
 - Johnny's Seeds – <https://www.earlysgarden.com/>
 - Vesey's – <https://www.veseys.com/ca/vegetables>
 - T & T - <https://ttseeds.com/>
- There are many, many more options...
- The reason I use so many is that I like specific varieties. Some perform much better than others in our climate or for specific markets.
 - Dr. Doug Waterer conducted many trials to find suitable varieties
Resource: <https://www.svga.ca/>

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Equipment Required

Depends on size of garden:

- Rototiller (own or
- Fertilizer Applicator
- Seeder
- Hand tools (Hoe, Rake, Spade, Digging Fork, Trowels)
- Tractor
- Cultivation Equipment (Garden prep & weed control)
- Sprayer
- Mulch Layer?
- Irrigation
- Storage
- Bins, Buckets...

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Site Selection

Key Factors to Consider

- Field History
 - What was there before
 - Potential issues?
- Field Topography
 - Slope
 - Soil depth
 - Drainage
 - Stones
- Shelter
- Soil Information
 - Mineral Composition (Sand, Silt Clay)
 - Organic Matter
- Access to Good Quality Water
 - Irrigation
 - Washing



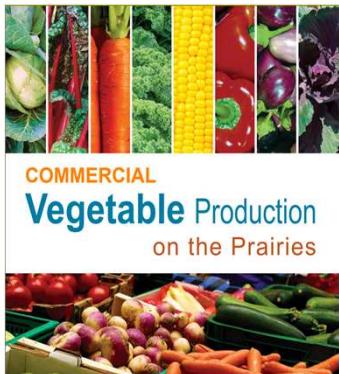
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Additional Resources

- Commercial Vegetable Production on the Prairies
[https://www1.agric.gov.ab.ca/\\$Department/deptdocs.nsf/all/agdex15123/\\$FILE/250_13-1_web.pdf](https://www1.agric.gov.ab.ca/$Department/deptdocs.nsf/all/agdex15123/$FILE/250_13-1_web.pdf)



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