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**Vegetable Garden  
Suggestions**  
for  
**Virginia Farmers**

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*Vegetable Gardening Specialists*

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Virginia Agricultural and Mechanical College and Polytechnic Institute  
and the United States Department of Agriculture, Cooperating.  
Extension Division, John R. Hutcheson, Director.  
Blacksburg, Virginia

# SUGGESTIVE GARDEN PLAN FOR VIRGINIA FARMERS

(100 x 200 ft. = approximately ½ acre)

	{ Hot bed }	{ Cold frame }			
	6 ft. x 6 ft.	6 ft. x 6 ft.	4 ft. Asparagus 120 ft.-----	Rhubarb 60 ft.-----	4 ft.
			4 ft. Potato Onions 180 ft.-----		4 ft.
			5 ft. Parsnips 200 ft.-----		3 ft.
			3 ft. Carrots 100 ft.-----	Salsify 100 ft.-----	3 ft.
			3 ft. Swiss Chard 100 ft.-----	Spring Kale 100 ft.-----	3 ft.
			3 ft. Lettuce 100 ft.-----	Followed by Fall Beets 100 ft.-----	Spinach 100 ft.-----
			3 ft. Radishes 100 ft.-----	Followed by Fall Spinach 100 ft.-----	Followed by Fall Radishes 100 ft.-----
			3 ft. Onion sets 200 ft.-----	Followed by Fall Spinach 200 ft.-----	Followed by Fall Lettuce 100 ft.-----
			3 ft. Onion sets 200 ft.-----	Followed by Late Cabbage 200 ft.-----	3 ft.
			3 ft. Onion sets 200 ft.-----	Followed by Fall Snap Beans 200 ft.-----	3 ft.
			3 ft. Early Cabbage 200 ft.-----	Followed by Fall Snap Beans 200 ft.-----	3 ft.
			3 ft. Peas 200 ft.-----	Followed by Fall Kale 200 ft.-----	3 ft.
			3 ft. Peas 200 ft.-----	Followed by Fall Kale 200 ft.-----	3 ft.
			3 ft. Peas 200 ft.-----	Followed by Fall Carrots 200 ft.-----	3 ft.
			3 ft. Snap Beans 200 ft.-----	Followed by Fall Celery 200 ft.-----	3 ft.
			3 ft. Snap Beans 200 ft.-----	Followed by Turnip Salad 200 ft.-----	3 ft.
			3 ft. Early Tomatoes 200 ft.-----	Followed by Turnips 200 ft.-----	3 ft.
			3 ft. Early Potatoes 200 ft.-----	Followed by Turnips 200 ft.-----	3 ft.
			3 ft. Early Potatoes 200 ft.-----	Followed by Turnips 200 ft.-----	3 ft.
			3 ft. Late Potatoes 200 ft.-----		3 ft.
			3 ft. Late Potatoes 200 ft.-----		3 ft.
			3 ft. Late Tomatoes 100 ft.-----	Eggplant 50 ft.-----	Peppers 50 ft.-----
			3 ft. Lima Beans 200 ft.-----		3 ft.
			3 ft. Lima Beans 200 ft.-----		3 ft.
			3 ft. Sweet Potatoes 200 ft.-----		3 ft.
			3 ft. Sweet Potatoes 200 ft.-----		3 ft.
			5 ft. Cucumbers 50 ft.-----	Muskmelons 50 ft.-----	Summer Squash 50 ft.-----
			5 ft. Sweet Corn 200 ft.-----		Watermelons 50 ft.-----
			3 ft. Sweet Corn 200 ft.-----	Pumpkins planted in corn-----	Winter Squash planted in corn-----
			3 ft. Sweet Corn 200 ft.-----		3 ft.
			4 ft.		4 ft.

The above plan is only suggestive. It will not entirely suit your needs. It should be of value to you, however, by helping you to definitely plan your own garden. With a definite plan, intelligently thought out, you have gone a long way toward having a successful garden.

Further essentials are (1) Locate the garden on fertile, well-drained soil, convenient to the house. (2) Plow as early as possible; harrow thoroughly just before planting. (3) Plant only good seed of suitable varieties, purchased from a reliable source. (4) Apply manure annually at the rate of from 20 to 30 tons per acre. (5) Use 1,000 to 1,500 pounds of a 5-10-5 or 4-12-4 fertilizer per acre, thoroughly mixed with the soil a few days before planting. (6) Practice thorough shallow cultivation sufficiently often to kill weeds. (7) Follow a thorough pest control program. (8) Consult your County Extension Agents concerning any of your garden problems.

# VEGETABLE CHART

Vegetable	Variety	Seed for 100 feet of row	Planting time	Distance between rows		Distance between plants or hills in row	Yield per 100 feet of row
				Horse cultivation	Hand cultivation		
Asparagus	Mary Washington	66	Feb. and Mar. or Oct. and Nov.	4—5 ft.	3—4 ft.	18 in.	50 bunches (100 lbs.)
Beans, Bush	Bountiful Stringless Green Pod Tendergreen Pencil Pod Black Wax	1 to 2 lbs.	April to August	3 ft.	2 ft.	3—6 in.	1 to 2 bushels
Beans, Pole	Kentucky Wonder	½ lb.	April and May	4 ft.	4 ft.	36—48 in.	2 to 4 bushels
Beans, Bush Lima	Fordhook (Large Seeded) Prolific (Small Seeded) Baby Potato (Small Seeded)	1 lb.	May	3—3½ ft.	2—2½ ft.	12—18 in.	1½ bushels
Beans, Pole Lima	King of the Garden (Large Seeded) Eureka (Small Seeded)	½ lb. ¼ lb.	May	4 ft.	4 ft.	36—48 in.	2 to 3 bushels
Beets	Detroit	2 oz.	March to August	2½—3 ft.	1—2 ft.	4—6 in.	1 to 2 bushels
Broccoli	Calabrese	66 plants	April July	2½—3 ft.	2—3 ft.	18 in.	25 bunches
Brussels Sprouts	Long Island Improved	66 plants	March and April July	2½—3 ft.	2—3 ft.	18 in.	40 to 50 quarts
Cabbage	Early—Charleston Wakefield Copenhagen Market Medium—All Seasons Late—Late Flat Dutch Danish Ballhead Wisconsin All Seasons¹	50 to 66 plants	March and April  July	3 ft.	2—2½ ft.	15—18 in.  18—24 in.	100 to 150 pounds
Carrots	Red Cored Chantenay Imperator	1 oz.	March to July	2½—3 ft.	1—2 ft.	3—4 in.	1 to 2 bushels
Cauliflower	Early Snowball	66 plants	Set plants in April and July	3 ft.	2—2½ ft.	18 in.	3 to 5 dozen heads
Celery	Golden Plume Giant Pascal	120 to 150 plants	Set plants in July	3 ft.	1½—2 ft.	8—10 in.	100 stalks
Chinese Cabbage	Improved Pekin	½ oz.	March and April; June and July	3 ft.	2—3 ft.	18 in.	50 heads
Collards	Southern Short Stem	1 oz.	March and April; June and July	3 ft.	2—3 ft.	18—24 in.	200 pounds
Corn	Golden Cross Bantam Golden Giant Country Gentleman Stowell's Evergreen	¼ to ½ lb.	April to July	3 ft.	2—3 ft.	10—15 in.	6 to 8 dozen ears
Cucumber	Long Green A & C	½ oz.	May and June	5 ft.	3—4 ft.	36—48 in.	30 dozen
Eggplant	Black Beauty	50 plants	May and June	3 ft.	2—3 ft.	24 in.	12 dozen
Kale (Spring)	Hanover Salad	1 to 2 oz.	March to May	3 ft.	1½—2 ft.	8—10 in.	150 pounds
Kale	Dwarf Blue Curled Scotch	1 to 2 oz.	March, August and September	3 ft.	1½—2½ ft.	12—18 in.	150 pounds
Leek	American Flag	1 oz.	March and April	2—3 ft.	1½—2 ft.	3—5 in.	40 to 50 bunches
Lettuce	Black Seeded Simpson (Leaf) Imperial No. 44 or 847 (Head) Big Boston (Head)	¼ oz.	March to May August	2—3 ft.	1½ ft.	8—10 in.	10 to 12 dozen heads

	Bottomly (Green) Hearts of Gold (Salmon) Hale's Best (Salmon)	1 oz.	April and May	5 ft.	3—4 ft.	36—48 in.	6 to 12 dozen
Mustard	Tendergreen* Fordhook Fancy	1 oz.	March and April August	2—3 ft.	1—2 ft.	4—6 in.	3 to 5 bushels
Okra	Perkin's Mammoth	1 oz.	May and June	3 ft.	2—3 ft.	18—24 in.	1 to 3 bushels
Onions	Ebenezer	1 to 2 lbs.	March and April	2—3 ft.	1—2 ft.	3—4 in.	1 bushel
Winter Onions	Potato	2 to 3 lbs.	Sept., Oct., and Nov.	3 ft.	1½—2 ft.	4—6 in.	1 bushel
Parsley	Moss Curled	1 oz.	March and April	2 ft.	1—1½ ft.	4—6 in.	50 bunches
Parsnips	Hollow Crown	½ to 1 oz.	March and April	2½—3 ft.	1½—2 ft.	4—5 in.	1 to 2 bushels
Peas	Thomas Laxton Telephone (Late—Tall)	1 to 2 lbs.	February to May	3 ft.	2—3 ft.	1—3 in.	1 bushel
Peppers	California Wonder Long Red Cayenne (Hot)	66 plants	May	3 ft.	2—3 ft.	18 in.	25 to 50 dozen
Potatoes	Irish Cobbler (Early) Green Mountain (Late)	½ peck	March to May	3 ft.	2½—3 ft.	12 in.	1 to 1½ bushels
Pumpkin	Virginia Mammoth Cashaw	½ oz.	May	6 ft.	4 ft.	48 in.	3 to 5 dozen
Radish	Scarlet Globe White Icicle	1 oz.	March to May August and September	2—3 ft.	1—1½ ft.	2—3 in.	30 to 50 dozen
Rhubarb	Myatt's Victoria	25 to 35 roots	March and April October and November	4 ft.	4 ft.	36—48 in.	100 bunches (100 to 150 pounds)
Rutabaga	Purple Top	1 oz.	June and July	2½—3 ft.	2—3 ft.	4—6 in.	2 to 3 bushels
Salsify	Mammoth Sandwich Island	2 oz.	April and May	2½—3 ft.	1—2 ft.	4—5 in.	1 to 1½ bushels
Spinach	Old Dominion* Virginia Savoy*	1 to 2 oz.	March and April August and September	2—3 ft.	1½—2 ft.	4—8 in.	1½ bushels
Squash (Summer)	White Bush Summer Crookneck	½ oz.	April to June	5 ft.	3—5 ft.	36—60 in.	6 to 8 dozen
Squash (Winter)	Hubbard	1 oz.	April and May	5 ft.	3—5 ft.	36—60 in.	3 to 5 dozen
Sweet Potato	Porto Rico Nancy Hall	66 to 100 plants	May and June	3—4 ft.	3 ft.	12—18 in.	1 bushel
Swiss Chard	Lucullus	2 oz.	March and April	3 ft.	1½—2 ft.	6—8 in.	3 to 5 bushels
Tomato	Rutgers* Pritchard* Marglobe*	33 to 40 plants	May and June July	3—5 ft.	2½—3 ft.	30—36 in.	6 bushels
Turnips	Purple Top White Globe Yellow Aberdeen	1 oz.	March and August	2½—3 ft.	1½—2 ft.	4—6 in.	2 to 3 bushels
Turnip Salad	Seven Top Pomeranian White Globe	1 oz.	March and August	2½—3 ft.	1½—2½ ft.	4—6 in.	3 to 5 bushels
Watermelon	Stone Mountain Kleckley Sweet Hawkesbury (Wilt Resistant)	½ oz.	May and June	6 ft.	4—5 ft.	36—72 in.	2 to 5 dozen

\*Yellow Resistant. \*Heat Resistant. \*Blight Resistant. \*Wilt Resistant.

The planting dates in the above chart are for average Virginia conditions. In Eastern Virginia, planting may begin one week to two weeks earlier than the date given on the chart. In Western Virginia, planting should be delayed one to two weeks for the planting of spring vegetables, and advanced one to two weeks for the fall planting of vegetables.

Additional garden information may be obtained upon request from the Vegetable Extension Service, Blacksburg, Virginia.