

# Key Card Food Growing Instruction Cards

See the booklets for growing techniques (Bronze, Silver and Gold)

Including pest and disease control, crop rotation, seed saving, fruit pruning, thinning seedlings and more

## Bean, Broad

Vegetable



### The aim

Typical plants and harvests

### A selection of plants

With suggested varieties to get you started, all suited to school growing

### Growing instructions at a glance

Plants need general care like weeding, watering, hardening-off, etc

### Growing calendar

Typical timings for term-time, but do experiment with different varieties and cold protection. Also adjust for local weather conditions; like the further north you are, the later the last frost is likely to be

## Bean, Broad

Suggested varieties: *Buryards Exhibition, Express, The Sutton*

Vegetable

GROW PLANT



Sow seed 2cm deep in pots or rows. Thin or transplant to 20x30cm apart. Sow every three weeks for a continuous crop. Choose sunny site

GROW PLANT



Water plants when the pods are swelling (if dry weather). Remove weeds and stake if needed. Pinch out shoot tips to deter black fly

EAT



Regularly cut pods when 8cm long for using whole. For 'shelling', wait for the seeds to start showing through the pod

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors  
 ■ Sow outdoors  
 ■ Plant out/transplant  
 ■ Harvest  
 Use cloche

2.5cm = 1 inch   30 cm = 1 foot

Growing guide

Easy

Average time to harvest  
12-16 weeks (spring sown)

Equipment needed  
Stakes, twine

Germination time  
7-14 days

Average plant size  
75cm tall, 30cm wide

Family group to grow with  
Legumes: French beans, peas

Seed saving group  
2 - Annual, can cross-pollinate

Key nutritional content  
Fibre, vitamin C, folate

Just the facts

See next key card for details



# Key Card **Food Growing Instruction Cards**

Vegetable

Edible Flowers

Fruit

Herbs

Green Manures

} Tabs

Average time to harvest

32-40 weeks

Equipment needed

Mulch (eg compost)

Germination time

7-12 days

Average plant size

20-30cm tall and wide

Family group to grow with

Brassica: broccoli, kohlrabi

## Facts and figures

To help plan planting and equipment needed.

The heading 'Germination time' changes to 'When to prune' in instructions for fruit crops

## Growing plants in different locations each year in 'crop rotation'

Avoiding plant nutrient deficiencies and build up of soil pests and diseases

## Guide to how easy something is to grow, eg

Growing guide

Easy!

Growing guide

Give it a go...

Growing guide

Trickier



# Key Card **Food Growing Instruction Cards**

See the four  
glossary cards  
for definitions of  
gardening terms

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

Vitamin C, vitamin A, folate

## Keeping healthy

Major nutrients per 100g servings;  
nutrients arranged in highest  
content first (see Silver and Gold  
booklet for details)



## Group 1: Annual, self-pollinating

Plants grow from seed, flower, and produce seed in one year. They don't 'cross' (produce a mix) with similar plants

## Group 2: Annual, can cross-pollinate

Plants grow from seed, flower, and seed in one year, but they can cross with similar plants and may produce a mix

## Group 3: Annual, needs isolation

Plants grow from seed, flower, and seed in one year, but can cross with similar plants and are likely to produce a mix. Isolate from others by distance or barriers to maintain a variety

## Group 4: Biennial, needs isolation

Plants grow from seed in one year and flower the next. Most will cross with similar plants nearby. Isolate from others by distance or barriers to maintain variety

## Group 5: Specialist or not applicable

Plants need expert techniques or are 'propagated' (multiplied) by non-seed methods (cuttings, division, and tubers)



# Artichoke, Globe

Suggested varieties: *Green Globe*, *Purple Globe Romanesco*

Vegetable

PLANT



Sow seed 1cm deep in pots and transplant, or plant 'rooted offsets' 5cm deep. Space plants 90cm apart. Choose fertile soil in sunny sheltered site

GROW



Water in prolonged dry weather. Mulch to conserve moisture. Protect roots in colder areas with straw. Replace plants every three years for the best harvests

EAT



Cut 'plump' flower heads with short stems when the scales are still soft, green and tight. Side shoots may produce a smaller second crop

## Growing guide

Give it a go...

## Average time to harvest

18 months

## Equipment needed

Mulch (eg compost), straw

## Germination time

7-14 days

## Average plant size

120cm tall, 90cm wide

## Family group to grow with

None (long term crop)

## Seed saving group

5 - Specialist or not applicable

## Key nutritional content

Folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■									
		■	■	■		■	■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Artichoke, Globe

Vegetable





# Artichoke, Jerusalem

Vegetable

Suggested varieties: Fuseau

PLANT



Plant 5cm long tubers 15cm deep, pointing upwards. Space tubers 30cm apart and 90cm between rows. Choose fertile soil in sunny site

GROW



When 30cm tall, pull soil to cover 10cm of stem ('earthing-up'). Stake if needed. Remove flowers for a bigger crop. Cut stems to 15cm in autumn

EAT



Dig up tubers as needed, covering with straw in winter so the soil can still be dug in freezing weather. Carefully remove all tubers by spring to stop re-growth

## Growing guide

Give it a go...

## Average time to harvest

From 24 weeks

## Equipment needed

Stakes, twine, straw (optional)

## Germination time

Tubers sprout in 10-20 days

## Average plant size

150cm tall, 30cm wide

## Family group to grow with

Asteraceae: chicory, salsify

## Seed saving group

5 - Specialist or not applicable

## Key nutritional content

Fibre

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Artichoke, Jerusalem

Vegetable



# Asparagus

Suggested varieties: *Ariane F1*, *Connover's Colossal*, *Pacific 2000 F1*

## Vegetable

### PLANT



Plant one year old 'crowns' 30cm apart, spreading roots over a 10cm high ridge in a 20cm deep trench. Half fill with soil; backfill the rest as plants grow

### GROW



Water until established. Remove weeds by hand as plants are shallow rooted. Stake on windy sites. Cut stems to 2.5cm when leaves yellow in autumn

### EAT



Harvest from second year. Cut 15-20cm high 'spears' just below the soil surface for eight weeks; then let shoots grow. Plants produce for 15 years

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■								
			■	■	■						

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

### Growing guide

Give it a go...

### Average time to harvest

24 months

### Equipment needed

Stakes, twine

### Germination time

7-21 days

### Average plant size

120cm tall, 30cm wide

### Family group to grow with

None (long term crop)

### Seed saving group

5 - Specialist or not applicable

### Key nutritional content

Folate, vitamin C

2.5cm = 1 inch 30 cm = 1 foot

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# Asparagus

Vegetable



# Asparagus Pea

Suggested varieties: *Tetragonolobus purpureus* (botanical name)

Vegetable

PLANT



Sow seed 1cm deep in pots and transplant, or sow in single or double rows. Space plants 15x30cm apart. Choose fertile soil in sunny site

GROW



Avoid making young plants too wet; they are slow to develop and prone to rotting. Water plants after flowering starts to make pods more tender

EAT



Regularly cut off pods when 2-3cm long. Longer pods are stringy. Pods are easier to pick in the evening as the leaves fold downwards

## Growing guide

Give it a go...

## Average time to harvest

8-10 weeks

## Equipment needed

None

## Germination time

21 days

## Average plant size

60cm tall, 15cm wide.

## Family group to grow with


Legumes: beans, peas

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Vitamin C, folate


Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
											

Sow indoors

Sow outdoors

Plant out/transplant

Harvest

 Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Asparagus Pea

Vegetable



# Aubergine

Suggested varieties: *Black Beauty, Long Purple, Orlando F1*

Vegetable

PLANT



Sow seed 0.1cm deep in pots. Transplant into large pots in a greenhouse (preferable) or plant 45cm apart outdoors (choose sheltered sunny site)

GROW



Keep soil moist. Feed with an organic high-potash feed. Remove growing tip when 30cm tall (for bushy habit) and all flowers once five fruits have set

EAT



Cut aubergines with a 2cm long stalk when a good size, but before the surface shine has gone. Dull fruit are usually over ripe and bitter

## Growing guide

Trickier

## Average time to harvest

16-20 weeks

## Equipment needed

Stakes, twine, feed

## Germination time

14-21 days

## Average plant size

60cm tall, 30cm wide

## Family group to grow with

*Solanaceae: potato, pepper*

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Fibre, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■	🏠	■						
				🏠	■		■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Aubergine

Vegetable





# Bean, Broad

Suggested varieties: *Bunyards Exhibition, Express, The Sutton*

## Vegetable

### PLANT



Sow seed 2cm deep in pots or rows. Thin or transplant to 20x30cm apart. Sow every three weeks for a continuous crop. Choose sunny site

### GROW



Water plants when the pods are swelling (if dry weather). Remove weeds and stake if needed. Pinch out shoot tips to deter black fly

### EAT



Regularly cut pods when 8cm long for using whole. For 'shelling', wait for the seeds to start showing through the pod

### Growing guide

Easy!

### Average time to harvest

12-16 weeks (spring sown)

### Equipment needed

Stakes, twine

### Germination time

7-14 days

### Average plant size

75cm tall, 30cm wide

### Family group to grow with

Legumes: French beans, peas

### Seed saving group

2 - Annual, can cross-pollinate

### Key nutritional content

Fibre, vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■					■	■	
	🌱				■	■	■				

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Bean, Broad

Vegetable



# Bean, French

## Vegetable

Suggested varieties: *Purple Queen*, *Speedy* (dwarf); *Helda*, *Neckar Queen* (climbing)

### PLANT



Sow seed 2cm deep in pots or rows. Thin or transplant to 20x30cm apart. Sow every three weeks for a continuous crop. Choose sheltered site

### GROW



Water plants when the pods are swelling (if dry weather). Support dwarf plants with twiggy sticks and climbing with wigwams from bamboo canes

### EAT



Cut pods when they cleanly snap in half. Pick every 2-3 days. For dried beans, leave pods to go brown and hang the plant upside-down to dry in a shed

### Growing guide

Easy!

### Average time to harvest

8-12 weeks

### Equipment needed

Canes, twiggy sticks, twine

### Germination time

7-14 days

### Average plant size

60cm tall (dwarf); 2m (climbing)

### Family group to grow with

Legumes: broad beans, peas

### Seed saving group

I - Annual, self-pollinating

### Key nutritional content

Folate, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Bean, French

Vegetable



# Bean, Runner

Butler, Enorma Elite, Painted Lady

Vegetable

PLANT



Sow seed 3cm deep in pots or rows. Thin or transplant to 15cm apart in double rows 30cm apart. Choose deep fertile soil and sheltered site

GROW



Water plants when pods are swelling (if dry weather). Mulch to conserve moisture. Make sturdy frameworks to support growth (eg wigwams from bamboo canes)

EAT



Cut 15-20cm long pods every 2-3 days (longer pods are tough and stringy). Pick thoroughly as any ripe pods left on the plant will stop production

## Growing guide

Easy!

## Average time to harvest

10-14 weeks

## Equipment needed

Canes, mulch (eg compost)

## Germination time

7-14 days

## Average plant size

2.5m tall, 30cm wide

## Family group to grow with

Legumes: French beans, peas

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
			■	■	■						
				■	■			■	■		

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Bean, Runner

Vegetable



# Beetroot

Suggested varieties: *Boltardy, Moneta, Red Ace*

## Vegetable

### PLANT



Sow seed 0.5cm deep in rows 20-30cm apart. Thin seedlings to 7-13cm apart. Use bolt resistant cultivars for early sowings. Can be sown in pots and transplanted

### GROW



Water every two weeks in dry weather for steady growth. Too much water promotes excess foliage; too little produces woody roots and poor yield

### EAT



Start lifting roots when still quite small, eating these thinnings and leaving other plants to grow on. Twist off the leaves rather than cutting

### Growing guide

Easy!

### Average time to harvest

8-12 weeks

### Equipment needed

None

### Germination time

10-14 days

### Average plant size

30cm tall, 10cm wide

### Family group to grow with

*Chenopodiaceae*: leaf beet

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Folate, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		🌱	🌱	🌱	🌱						
		🌱				🌱	🌱	🌱	🌱		

🟡 Sow indoors

🟠 Sow outdoors

🟤 Plant out/transplant

🟡 Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Beetroot

Vegetable





# Broccoli, Sprouting

Suggested varieties: *Purple Sprouting Early, Rudolph*

## PLANT



Sow seed 0.5cm deep in pots or seedbed. Transplant 45x60cm apart in fertile soil when 10cm tall. Plant so the bottom leaves touch the soil, firming well

## GROW



Water in prolonged dry weather. Mulch to conserve moisture. Plants are top-heavy so stake and pull soil around stems ('earth-up')

## EAT



Cut or snap off heads ('spears') when 10-20cm long, before flowers open. Start with the central spear to encourage branching. Cut regularly for 6-8 weeks

## Growing guide

Give it a go...

## Average time to harvest

From 35 weeks

## Equipment needed

Stakes, twine

## Germination time

7-12 days

## Average plant size

90cm tall, 60cm wide

## Family group to grow with

Brassica: cabbage, turnip

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

Folate, vitamin C, calcium

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

# Broccoli, Sprouting

Vegetable



# Brussels Sprouts

Vegetable

Suggested varieties: *Darkmar 21, Nautic FI, Rubine*

PLANT



Sow seed 0.5cm deep in pots or seedbed. Transplant seedlings when 10cm tall at 60cm apart in firm fertile soil; bottom leaves touching the soil

GROW



Mulch to conserve moisture. Plants are top-heavy so stake and pull soil around stems ('earth-up'). Remove yellowing leaves. Cover with netting to help protect from pests

EAT



Cut or tug sharply to remove sprouts ('buttons') when 3cm across and tightly closed, working up the stem. Can taste better after frost. Use the top leaves as a cabbage

## Growing guide

Give it a go...

## Average time to harvest

From 20 weeks

## Equipment needed

Stakes, twine, netting

## Germination time

7-12 days

## Average plant size

75cm tall, 40cm wide

## Family group to grow with

Brassica: swede, calabrese

## Seed saving group

5 - Biennial, needs isolation

## Key nutritional content

Folate, vitamin C, fibre

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■	■	■						
■	■	🌱						■	■	■	■

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest

🌱 Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Brussels Sprouts

Vegetable



# Cabbage, Chinese

Suggested varieties: *Green Rocket FI, Nikko, Tatsoi*

Vegetable

PLANT



Sow seed 0.5cm deep in rows. Thin seedlings to 20-30cm apart. Plants prefer not to be transplanted. Use bolt resistant cultivars for early sowings. Choose fertile moist soil

GROW



Keep soil moist to stop bolting. Tie plants loosely with twine when 'hearts' of compact leaves form (no need for 'self-heartering' types). Advance late harvests with cloches

EAT



Cut 2.5cm above soil level when the base feels firm. Stumps will sprout edible leaves ('cut-and-come-again'). Flower shoots are also edible

## Growing guide

Give it a go...

## Average time to harvest

8-10 weeks

## Equipment needed

Twine

## Germination time

7-12 days

## Average plant size

30cm tall, 15cm wide

## Family group to grow with

*Brassica: broccoli, kale*

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

*Vitamin C, calcium, folate*

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Cabbage, Chinese



# Cabbage, Spring

Suggested varieties: *Advantage F1, Myatt's Offenham, Pixie, Wintergreen*

## Vegetable

### PLANT



Sow seed 0.5cm deep in pots or seedbed. Thin or transplant to 10x30cm apart, planting firmly. Choose fertile soil and sunny site

### GROW



Pull soil around stems ('earth-up') in autumn and firm plants loosened by wintry weather. Remove yellowing leaves. Use cloches to advance growth in spring

### EAT



Use thinnings for early leaves. Leave alternate plants to form 'hearts' of compact leaves and cut when firm. Stumps will sprout leaves (cut crosses into stems 1cm deep)

### Growing guide

Give it a go...

### Average time to harvest

32-40 weeks

### Equipment needed

None

### Germination time

7-12 days

### Average plant size

20-30cm tall and wide

### Family group to grow with

*Brassica: cauliflower, turnip*

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

*Vitamin A, folate, vitamin C*

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Cabbage, Spring

Vegetable





# Cabbage, Summer and Autumn

Vegetable

Suggested varieties: *Derby Day*, *Minicole F1*

PLANT



Regularly sow seed 0.5cm deep in pots or seedbed. Thin or transplant to 30cm apart (45cm for larger heads). Plant firmly. Choose fertile moist soil

GROW



Water in dry weather. Mulch to conserve moisture. Remove yellowing leaves. Feed with a general organic fertiliser in summer to boost growth

EAT



Cut 'hearts' of compact leaves when firm, 2.5cm above soil surface. Stumps will sprout smaller cabbages (even more if you cut crosses into stems 1cm deep)

## Growing guide

Give it a go...

## Average time to harvest

20 weeks

## Equipment needed

Mulch (eg compost)

## Germination time

7-12 days

## Average plant size

20-30cm tall and wide

## Family group to grow with











*Brassica: broccoli, cauliflower*


## Seed saving group


4 - Biennial, needs isolation


## Key nutritional content

Vitamin C


Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
											
											

 Sow indoors

 Sow outdoors

 Plant out/transplant

 Harvest

 Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Cabbage, Summer and Autumn

Vegetable



# Cabbage, Winter and Savoy

## Vegetable

Suggested varieties: *January King* (winter); *Vertus* (Savoy)

### PLANT



Regularly sow seed 0.5cm deep in pots or seedbed.  
Transplant to 50cm apart (closer spacing for smaller heads).  
Plant firmly

### GROW



Use a general organic fertiliser at planting. Pull soil around stems ('earth-up') in autumn and firm plants loosened by wintry weather. Remove yellowing leaves

### EAT



Cut hardy varieties as needed after the 'heart' of compact leaves is firm. Cut hearted white and red varieties before frost; store on slatted shelves in a dry shed

### Growing guide

Give it a go...

### Average time to harvest

32-40 weeks

### Equipment needed

Feed

### Germination time

7-12 days

### Average plant size

20-30cm tall and wide

### Family group to grow with

*Brassica: broccoli, kohlrabi*

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin C, vitamin A, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Cabbage, Winter and Savoy

Vegetable



# Calabrese

Suggested varieties: *Belstar FI, Fiesta FI, Green Sprouting, Waltham*

## Vegetable

### PLANT



Sow seed 0.5cm deep in small pots or seedbed. Transplant 45x60cm apart in fertile soil when 10cm tall. Plant so the bottom leaves touch the soil, firming well

### GROW



Water in prolonged dry weather. Mulch to conserve moisture. Plants are top-heavy so stake and pull soil around stems ('earth-up')

### EAT



Cut or snap off heads ('spears') when 10-20cm long, before flowers open. Start with the central spear to encourage branching. Cut regularly

### Growing guide

Give it a go...

### Average time to harvest

12 weeks

### Equipment needed

Stakes, twine

### Germination time

7-12 days

### Average plant size

90cm tall, 60cm wide

### Family group to grow with

Brassica: Brussels sprouts, rocket

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Folate, vitamin C, vitamin A

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
			■	■	■	■					
							■	■	■	■	

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Calabrese

Vegetable



# Carrot

Suggested varieties: *Nantes 2*, *Napoli F1* (early); *Flakkee*, *Resistaflay F1* (maincrop)

## Vegetable

### PLANT



Regularly sow seed 1cm deep in rows 10-15cm apart. Thin seedlings to 7cm. Remove thinnings so not to attract 'carrot root fly'. Choose deep sandy soil for long roots

### GROW



Remove weeds by hand. Water fortnightly in dry weather for steady growth. If left dry for too long, sudden watering or rain can cause the roots to 'split' open

### EAT



Start lifting roots when still quite small, eating thinnings and leaving others grow on. Twist off the leaves rather than cutting. Lift maincrop carrots for storage from September

### Growing guide

Give it a go...

### Average time to harvest

10 weeks (early); 16 (maincrop)

### Equipment needed

Horticultural fleece

### Germination time

17 days

### Average plant size

30cm tall, 15cm wide

### Family group to grow with

Apiaceae: parsnip, celery

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin A

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

Sow indoors

Sow outdoors

Plant out/transplant

Harvest

Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Carrot

Vegetable





# Cauliflower

Vegetable

Suggested varieties: *Belot FI*, *Neckarperle* (summer/autumn); *Galleon*, *Medaillon FI* (winter)

PLANT



Sow seed 0.5cm deep in pots or seedbed. Transplant when seedlings have five leaves; 45cm apart (summer/autumn); 60cm (winter). Choose firm fertile soil

GROW



Keep soil moist (otherwise small flower heads form). Mulch to conserve moisture. Bend leaves over developing heads to protect from sun-scorch and frost

EAT



Begin cutting when flower heads are fairly small. Heads are over-mature when 'florets' start to separate or the head turns yellow

## Growing guide

Trickier

## Average time to harvest

16-20wks (sum); 40-50 (winter)

## Equipment needed

Mulch (eg compost)

## Germination time

7-12 days

## Average plant size

45cm tall, 60cm wide

## Family group to grow with

Brassica: cabbage, kohlrabi

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

Folate, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

www.gardenorganic.org.uk

# Cauliflower

Vegetable



# Celery

Suggested varieties: *Daybreak*, *Green Utah* (self-blanching); *Solid White* (trench)

Vegetable

PLANT



Sow seed 0.1cm deep in pots. Harden off and transplant 15-30cm apart. Plant 'trench' varieties at the base of a 10cm deep trench; backfilling left-over soil to 'blanch' (below)

GROW



Water in dry weather. For best flavour, 'blanch' trench varieties when 30cm tall (tie newspaper 'columns' around stems, leaving leaf tips showing; pull soil around)

EAT



Dig up as required; finish harvesting 'self-blanching' varieties before frosts, trenched plants from October. Harvest before leaves yellow

## Growing guide

Trickier

## Average time to harvest

25wks (self-blanching); 40(trench)

## Equipment needed

Newspaper (optional)

## Germination time

12-18 days

## Average plant size

45cm tall, 30cm wide

## Family group to grow with

Apiaceae: carrot, parsnip

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■		■	■					
■	■							■	■	■	■

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Celery

Vegetable



# Chicory

Suggested varieties: *Palla Rossa*, *Sugar Loaf* (hearting); *Dura Witloof* (for forcing)

## Vegetable

### PLANT



Sow seed 1cm deep in pots or rows 15-30cm apart. Thin or transplant seedlings to 15-20cm apart. Choose fertile soil and sunny site

### GROW



Water in dry weather. Dig up Witloof chicory in autumn to produce 'forced' pale coloured shoots (cut off the leaves, plant roots in wide pots; put in a cool dark place)

### EAT



Cut 'hearts' of compact leaves when firm (red and sugar loaf hearting); cut 'forced' shoots of Witloof chicory in winter. Can pick seedling leaves all year

### Growing guide

Give it a go...

### Average time to harvest

20-30 weeks

### Equipment needed

Wide pots (eg 20cm)

### Germination time

7-14 days

### Average plant size

15-20cm tall and wide

### Family group to grow with

*Asteraceae*: lettuce, salsify

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Chicory

Vegetable



# Courgette and Marrow

Vegetable

Suggested varieties: *Defender F1*; *Tiger Cross F1*

PLANT



Sow seed in pots, 1.5cm deep on their side. Harden off and transplant 60-90cm apart. Choose fertile soil and sunny sheltered site

GROW



Mulch to conserve moisture. Protect from slugs. Pinch out growing tips of trailing stems when 60cm long. Put marrows on a tile to stop rotting

EAT



Cut (not pull) 10cm long courgettes and 20cm marrows (leave marrows longer to produce a tougher skin if storing). Keep picking for more fruit. Flowers are edible

## Growing guide

Easy!

## Average time to harvest

10-14 weeks

## Equipment needed

Mulch (eg compost), tiles

## Germination time

5-8 days

## Average plant size

45cm tall, 120cm wide

## Family group to grow with

Cucurbits: pumpkin, squashes

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Courgettes: vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Courgette and Marrow

Vegetable





# Cucumber, Greenhouse

## Vegetable

Suggested varieties: *Cumlaude FI*, *Flamingo FI* (female)

### PLANT



Sow seed in pots, 1.5cm deep on their side. Transplant into large pots. 'FI' varieties produce only female flowers; fertilised fruit is bitter

### GROW



Keep soil moist. Ventilate greenhouse and spray floor with water to keep air humid. Tie side shoots to wires or net, removing their growing tips two leaves beyond each fruit

### EAT



Cut (not pull) green cucumbers when a reasonable size and the sides have grown parallel. Yellow fruit are overripe and will stop the plant producing fruit if not removed

### Growing guide

Trickier

### Average time to harvest

12 weeks

### Equipment needed

Stakes, twine, wires or net

### Germination time

3-5 days

### Average plant size

2m tall; side shoots 60cm

### Family group to grow with

Cucurbits: pumpkin, squashes

### Seed saving group

5 - Specialist or not applicable

### Key nutritional content

Low calorie complement

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■	■							
						■	■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Cucumber, Greenhouse

Vegetable



# Garlic

Suggested varieties: *Printanor*, *Thermidrome*

Vegetable

PLANT



Plant individual bulb segments ('cloves') 10cm apart in rows 20cm apart. Plant upright, 2.5cm deep in heavy clay soil; up to 10cm deep in sandy soil

GROW



Autumn planting produces higher yields as plants need one or two months at 0-10°C. Remove weeds carefully. Water fortnightly in dry weather

EAT



Dig up plants when the first six leaves have turned yellow. Handle carefully to avoid bruising. Dry in the sun or an airy shed

## Growing guide

Easy!

## Average time to harvest

From 20 weeks

## Equipment needed

Airy shed

## Germination time

Cloves sprout in two weeks

## Average plant size

30cm tall, 5-10cm wide

## Family group to grow with

Alliaceae: leek, onion

## Seed saving group

5 - Specialist or not applicable

## Key nutritional content

Fibre, vitamin C, protein, iron, zinc

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Garlic

Vegetable



# Kale

Suggested varieties: *Nero di Toscana*, *Pentland Brig*, *Red Winter*

## Vegetable

### PLANT



**Sow seed 0.5cm deep in pots or seedbed. Transplant 45cm apart when 10cm tall. Plant so the bottom leaves touch the soil, firming well**

### GROW



**Water in dry weather. Mulch to conserve moisture. Stake plants and pull soil around stems ('earth-up') for support. Cover with netting to help protect from pests**

### EAT



**Cut young leaves regularly when about 10cm long; older leaves are bitter when cooked. Snap-off fleshy side-shoots from February**

### Growing guide

Give it a go...

### Average time to harvest

From 30 weeks

### Equipment needed

Stakes, twine, netting

### Germination time

7-12 days

### Average plant size

90cm tall, 60cm wide

### Family group to grow with

Brassica: broccoli, rocket

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Kale

Vegetable



# Kohl Rabi

Suggested varieties: *Azur Star, Noriko, Olivia F1*

Vegetable

PLANT



Regularly sow seed 1cm deep in pots or rows. Thin or transplant seedlings to 15-30cm apart. Choose fertile soil and sunny site

GROW



Water in dry weather for steady growth. Too little water produces woody flesh. Boost growth with a general organic fertiliser if needed

EAT



Dig up swollen base stems when still small (golf ball to tennis ball size). Check often as plants mature quickly. Leaves are also edible

Growing guide

Easy!

Average time to harvest

8-12 weeks

Equipment needed

None

Germination time

10 days

Average plant size

30cm tall, 20cm wide

Family group to grow with

*Brassica: cabbage, radish*

Seed saving group

4 - Biennial, needs isolation

Key nutritional content

Vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Kohl Rabi

Vegetable





# Leaf Beet

Suggested varieties: *Rainbow Chard, Swiss Chard, Perpetual Spinach*

Vegetable

PLANT



Regularly sow seed 1cm deep in pots or rows. Thin or transplant seedlings to 15-30cm apart. Choose fertile soil and sunny site

GROW



Water in dry weather for steady growth. Mulch to conserve moisture. Boost growth with a general organic fertiliser if needed

EAT



Cut off outer leaves when big enough to use. Can also use younger seedling leaves when 10cm high (cutting to 2.5cm; plants will regrow several times)

## Growing guide

Easy!

## Average time to harvest

8-12 weeks

## Equipment needed

Mulch (eg compost)

## Germination time

10-14 days

## Average plant size

60cm tall, 30cm wide

## Family group to grow with

*Chenopodiaceae: spinach*

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

*Vitamins A and C, folate, iron*

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Leaf Beet

Vegetable



# Leek

Suggested varieties: *Atlanta, Pandora, Siegfried, Swiss Giant Zermatt*

## Vegetable

### PLANT



**Sow seed 1cm deep in a seedbed. Transplant seedlings when 20cm tall at 15-30cm apart, trimming leaf-tips and roots. Drop into 15cm deep holes made with a dibber**

### GROW



**Water to settle plants; don't fill planting holes with soil. Carefully remove weeds. Pull soil around stems when plants are larger to further exclude light ('blanch')**

### EAT



**Start lifting plants when still quite small to prolong the harvest period. Lift remaining plants as required during winter. Loosen with a fork before lifting**

### Growing guide

Give it a go...

### Average time to harvest

35 weeks

### Equipment needed

Dibber

### Germination time

14-18 days

### Average plant size

45cm tall, 20cm wide

### Family group to grow with

Alliaceae: garlic, shallot

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Folate, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■	■	■						
■								■	■	■	■

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Leek

Vegetable



# Lettuce

Suggested varieties: *Belize, Bughatti, Fristina* (loose-leaf); *Bedford, Tintin, Sylvesta* (heating)

## Vegetable

### PLANT



Regularly sow seed 0.5cm deep in pots or rows. Thin or transplant seedlings to 15-30cm apart. Use cloches and greenhouses to extend growing season

### GROW



Water in dry weather (stops tough and bitter leaves). Water in the morning to discourage disease. Protect from slugs. Ventilate greenhouses and cloches

### EAT



Pick individual leaves of 'loose-leaf' lettuce as needed. Cut 'heating' varieties when central leaves are fairly firm. Regularly cut seedling leaves

### Growing guide

Easy!

### Average time to harvest

6-8wks (loose-leaf); 8-14 (heating)

### Equipment needed

Slug protection

### Germination time

6-12 days

### Average plant size

20cm tall and wide

### Family group to grow with

Asteraceae: chicory, salsify

### Seed saving group

I - Annual, self-pollinating

### Key nutritional content

Vitamin A, folate, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■		■	■	■	
			■	■	■	■	■		■	■	■
			■	■	■	■	■		■	■	■

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Lettuce

Vegetable



# Mushroom

Suggested varieties: *Hericium*, *Shiitake*, *Tree Oyster* (bought kits)

Vegetable

PLANT



Buy 'spawned' material that contains mushroom 'mycelium' (similar to roots). Try compost, 'dowel' sticks or impregnated hardwood logs

GROW



Follow instructions with kits. Generally keep warm (minimum 12°C) and moist for mycelium to spread before 'fruiting' starts weeks or months later

EAT



Do not cut mushroom stalks. Instead twist upwards to remove with minimum soil disturbance. Fruiting can continue for several weeks

## Growing guide

Trickier

## Average time to harvest

6 weeks to several months

## Equipment needed

Mushroom spawn

## Germination time

Once mycelium has spread

## Average plant size

5cm tall and wide

## Family group to grow with

Not part of crop rotation

## Seed saving group

5 - Specialist or not applicable

## Key nutritional content

Adds flavour and texture

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Mushroom

Vegetable





# Okra

Suggested varieties: *Burgundy Red, Clemsons Spineless*

## Vegetable

### PLANT



**Soak seed in warm water for two hours. Sow 1cm deep in pots. Transplant into larger pot in a greenhouse (preferable) or outdoors in a sheltered site**

### GROW



**Water in dry weather. Mulch to conserve moisture. Stake taller plants. Remove growing tips of fast growing shoots to encourage bushiness**

### EAT



**Regularly cut pods for a continuous supply. Pick pods when young (2-10cm long); older pods become stringy. Handle gently as pods are easily bruised**

### Growing guide

Trickier

### Average time to harvest

From 24 weeks

### Equipment needed

Stakes, twine, mulch (eg compost)

### Germination time

15 days

### Average plant size

150cm tall, 60cm wide

### Family group to grow with

Miscellaneous

### Seed saving group

2 - Annual, can cross-pollinate

### Key nutritional content

Folate, vit. C, fibre, calcium, vit. A

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■		■	■						
				⬆			■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest

⬆ Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Okra

Vegetable



# Onion, Bulb

## Vegetable

Suggested varieties: *Ailsa Craig*, *Golden Bear F1*, *Red Barron* (seed); *Radar*, *Sturon Globe* (sets)

### PLANT



Sow seed 1.5cm deep in rows 15-20cm apart. Thin seedlings to 5-10cm. Plant sets at the same spacing just beneath the soil surface with the tip showing

### GROW



Carefully remove weeds by hand. Water plants in dry weather, stopping once the bulbs have swollen. Break off any flower stems that appear

### EAT



Dig up bulbs two weeks after leaves turn yellow and topple over, choosing a dry day. Loosen with a hand fork. Leave bulbs to dry in the sun before storing

### Growing guide

Easy!

### Average time to harvest

20 weeks

### Equipment needed

None

### Germination time

21 days

### Average plant size

30cm tall, 10cm wide

### Family group to grow with

Alliaceae: garlic, shallot

### Seed saving group

2 - Annual, can cross-pollinate

### Key nutritional content

Adds flavour and texture

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Onion, Bulb

Vegetable



# Onion, Salad

Suggested varieties: *Crimson Forest, De Rebouillon, White Lisbon*

Vegetable

PLANT



Regularly sow seed 0.5cm deep in rows 10cm apart. Thin seedlings if needed to 2.5-5cm. Remove thinnings so not to attract 'onion root fly'

GROW



Weeds easily damage plants so carefully remove by hand. Water plants in dry weather for steady growth. Break off any flower stems that appear

EAT



Gently lift bulbs when 1-2cm across and the leaves are still green. Loosen with a hand fork if needed. Sowing regularly will give a succession of harvests

## Growing guide

Easy!

## Average time to harvest

10-12 weeks

## Equipment needed

None

## Germination time

21 days

## Average plant size

20cm tall, 5cm wide

## Family group to grow with

Alliaceae: garlic, shallot

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Folate, vitamin C, iron, vit. A

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Onion, Salad

Vegetable



# Parsnip

Suggested varieties: *Gladiator F1*, *Tender & True*, *Turga*

## Vegetable

### PLANT



Sow seed 1cm deep, three seeds every 10-15cm. Thin to leave the strongest plant. Rows 15-30cm apart (more space for larger roots). Deep soil preferred

### GROW



Remove weeds by hand. Water fortnightly in dry weather for steady growth. If left dry for too long, sudden watering or rain can cause the roots to 'split' open

### EAT



Dig up as needed from autumn. Twist off the leaves rather than cutting. Can leave parsnips in the soil over winter until spring. Frost often improves the flavour

### Growing guide

Easy!

### Average time to harvest

From 20 weeks

### Equipment needed

None

### Germination time

10-28 days (can be erratic)

### Average plant size

20cm tall, 10cm wide

### Family group to grow with

*Apiaceae*: carrot, celery

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin C, fibre, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Parsnip

Vegetable





# Pea

Suggested varieties: *Sugar Pea Norli (mangetout)*; *Ambassador, Cavalier, Waverex (shelling)*

## Vegetable

### PLANT



Regularly sow seed 3cm deep in pots and transplant, or sow in two lines in 10cm wide rows (seeds 5cm apart). Space rows of plants 60-90cm apart

### GROW



Protect seedlings from birds. Water established plants from when flowering starts. Mulch to conserve moisture. Support plants with wire mesh, netting or twiggy sticks

### EAT



Cut 'mangetout' when pods are still flat; 'shelling' types when peas are felt through the pod (eg round pea, wrinkled, and petit pois). Pick regularly for more pods

### Growing guide

Give it a go...

### Average time to harvest

10-14 weeks

### Equipment needed

Twiggy sticks, mulch (eg compost)

### Germination time

7-10 days

### Average plant size

90cm tall, 30cm wide

### Family group to grow with

Legumes: beans, peas

### Seed saving group

I - Annual, self-pollinating

### Key nutritional content

Vitamin C, fibre, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	🌱	🌱							🌱	🌱	

🌱 Sow indoors

🟡 Sow outdoors

🟤 Plant out/transplant

🟡 Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

[www.gardenorganic.org.uk](http://www.gardenorganic.org.uk)

# Pea

Vegetable



# Pepper

Suggested varieties: *Bell Boy F1*, *Bendigo F1*, *Golden California Wonder*

## Vegetable

### PLANT



Sow seed 0.2cm deep in pots. Re-pot several times before transplanting into large final pots in a greenhouse (preferable) or outdoors in a sheltered site

### GROW



Stake plants and feed regularly with an organic high-potash feed. Keep soil moist, but not too wet. Hand pollinate flowers with a small paint brush to encourage fruit set

### EAT



Start picking when green, swollen and glossy. Leave peppers longer to develop mature colour and sweeter taste. Pick regularly for more fruit

### Growing guide

Trickier

### Average time to harvest

20 weeks

### Equipment needed

Stakes, twine, feed

### Germination time

14-21 days

### Average plant size

50cm, 20cm wide

### Family group to grow with

*Solanaceae*: aubergine, tomato

### Seed saving group

2 - Annual, can cross-pollinate

### Key nutritional content

Vitamin A, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■		■							
							■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Pepper

Vegetable



# Potato

Suggested varieties: *Colleen, Orla (early); Golden Wonder, Cara (maincrop)*

## Vegetable

### PLANT



Buy disease-free 'seed' potatoes. Plant 15cm deep. Space 'earlies' 30x50cm apart after six weeks in a cool light place to grow shoots ('chitting'). Plant 'maincrops' at 35x70cm

### GROW



Protect shoots from frost with horticultural fleece. Pull soil around stems ('earth-up') when 15cm tall (leave top leaves showing). Water if dry. Mulch to conserve moisture

### EAT



Carefully dig up earlies as needed once plants flower; maincrops three weeks after leaves yellow (leave tubers to dry for two hours before storing). Remove all tubers

### Growing guide

Give it a go...

### Average time to harvest

10 weeks (early); 20 (maincrop)

### Equipment needed

Horticultural fleece; mulch

### Germination time

Seed potatoes sprout in two weeks

### Average plant size

70cm tall and wide

### Family group to grow with

*Solanaceae: aubergine, tomato*

### Seed saving group

5 - Specialist or not applicable

### Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■								
					■	■		■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Potato

Vegetable



# Pumpkin and Squashes

**Vegetable**

Suggested varieties: *Atlantic Giant, Uchiki Kuri*

**PLANT**



Sow seed in pots, 1.5cm deep on their side. Harden off and transplant 60-90cm apart. Choose fertile soil in sunny sheltered site

**GROW**



Mulch to conserve moisture. Pinch out growing tips of trailing stems when 60cm long. Protect from slugs. Place larger fruit on a tile to stop rotting

**EAT**



Cut with 10cm stalk when fruit have coloured and sound hollow when tapped, but before frosts. Let skin harden in the sun for 10 days if storing. Flowers are edible

## Growing guide

Easy!

## Average time to harvest

14-20 weeks

## Equipment needed

Mulch (eg compost), tiles

## Germination time

5-8 days

## Average plant size

45cm tall, 120cm wide

## Family group to grow with

Cucurbits: courgettes, marrows

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Vitamin A, vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

Sow indoors

Sow outdoors

Plant out/transplant

Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

[www.gardenorganic.org.uk](http://www.gardenorganic.org.uk)

# Pumpkin and Squashes

Vegetable





# Radish

Suggested varieties: *Icicle, Rudolph, Scarlet Globe, Short Top Forcing* (summer); *China Rose, Rosa* (winter)

Vegetable

PLANT



Regularly sow seed 0.5cm deep in rows 10-15cm apart. Thin seedlings of summer varieties to 2.5cm; winter varieties to 10cm (sow from July)

GROW



Remove weeds by hand. Water weekly in dry weather for rapid and continuous growth. Too much water produces lots of leaves and small roots

EAT



Pull up summer varieties when small (from the size of a five pence coin); bigger roots are woody. Pull up larger winter varieties from autumn as needed

## Growing guide

Easy!

## Average time to harvest

3-6 wks(summer); 10-12(winter)

## Equipment needed

None

## Germination time

4-7 days

## Average plant size

15cm tall, 10cm wide

## Family group to grow with

*Brassica: broccoli, cabbage*

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

*Vitamin C, folate*

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Radish

Vegetable



# Rocket

Suggested varieties: *Ruola*, *Wild Rocket*

## Vegetable

### PLANT



Regularly sow seed 0.5cm deep in pots or rows. Thin or transplant to 15cm apart. Avoid summer sowings as plants tend to flower early ('bolt'). Choose partially shaded site

### GROW



Keep soil moist for continuous growth. Protect from slugs. Grow early and late crops under cloches, horticultural fleece or in a greenhouse

### EAT



Cut leaves when plants are 5-10cm tall. Cut regularly to encourage new growth of young tender leaves (plants regrow many times)

### Growing guide

Easy!

### Average time to harvest

From 4 weeks

### Equipment needed

Horticultural fleece

### Germination time

4-8 days

### Average plant size

10cm tall, 5cm wide

### Family group to grow with

Brassica: *calabrese*, *cauliflower*

### Seed saving group

2 - Annual, can cross-pollinate

### Key nutritional content

Calcium, vitamin C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Rocket

Vegetable



# Salad, Autumn and Winter

## Vegetable

Suggested varieties: Chicory, Claytonia, Corn Salad, Land Cress, Lettuce

### PLANT



Sow seed 0.5cm deep in pots or rows. Thin seedlings or transplant, giving more space to produce bigger plants (eg 5cm for seedling crops; 15cm for mature plants)

### GROW



Keep soil moist, but not too wet to prevent rotting. Plants are more reliable if protected by a cloche, greenhouse or horticultural fleece (ventilate well)

### EAT



Use thinnings or cut seedlings to 2.5cm when plants are 10cm tall (plants regrow many times). Cut outer leaves of semi-mature plants or whole salad heads

### Growing guide

Easy!

### Average time to harvest

4-12 weeks

### Equipment needed

Horticultural fleece

### Germination time

3-12 days

### Average plant size

20cm tall and wide

### Family group to grow with

Various

### Seed saving group

I - Annual, self-pollinating

### Key nutritional content

Vitamin C, iron

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Salad, Autumn and Winter

Vegetable



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# Salad, Oriental

Vegetable

Suggested varieties: Komatsuna, Mizuna, Mustard Greens, Mustard Spinach, Pak Choi

PLANT



Regularly sow seed 0.5cm deep in pots or rows. Thin seedlings or transplant; giving more space to produce bigger plants

GROW



Keep soil moist for continuous growth. Remove weeds carefully. Protect from slugs. Grow early and late crops under cloches or horticultural fleece

EAT



Use thinnings or cut seedlings to 2.5cm when plants are 10cm tall (plants regrow many times). Cut outer leaves of semi-mature plants or whole salad heads

## Growing guide

Easy!

## Average time to harvest

4-12 weeks

## Equipment needed

Horticultural fleece

## Germination time

3-12 days

## Average plant size

20cm tall and wide

## Family group to grow with

Various

## Seed saving group

I - Annual, self-pollinating

## Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

Sow indoors

Sow outdoors

Plant out/transplant

Harvest

Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Salad, Oriental

Vegetable





# Salad, Spring and Summer

## Vegetable

Suggested varieties: *Endive, Lettuce, Rocket*

### PLANT



Regularly sow seed 0.5cm deep in pots or rows. Thin seedlings or transplant, giving more space to produce bigger plants. Can plant between slower growing plants

### GROW



Keep soil moist for continuous growth; plants in dry soil produce tough or bitter leaves and may flower early ('bolt'). Remove weeds carefully. Protect from slugs

### EAT



Use thinnings or cut seedlings to 2.5cm when plants are 10cm tall (plants regrow many times). Cut outer leaves of semi-mature plants or whole salad heads

### Growing guide

Easy!

### Average time to harvest

4-12 weeks

### Equipment needed

None

### Germination time

3-12 days

### Average plant size

20cm tall and wide

### Family group to grow with

Various

### Seed saving group

I - Annual, self-pollinating

### Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		🌱	🌱	🌱	🌱						
		🌱									

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Salad, Spring and Summer

Vegetable



# Salsify and Scorzonera

Vegetable

Suggested varieties: *Mammoth*; *Russian Giant*

PLANT



Sow seed 1cm deep, three seeds every 15cm. Thin to leave the strongest plant. Rows 20-30cm apart. Choose deep soil for longer roots

GROW



Water in dry weather for steady growth. Carefully remove weeds by hand, avoiding damage to roots or they may divide ('fork')

EAT



Dig up as needed from autumn. Can leave in the soil over winter until spring. Dig up carefully as roots are easily broken. Young spring shoots are also edible

## Growing guide

Easy!

## Average time to harvest

From 20 weeks

## Equipment needed

None

## Germination time

12-16 days

## Average plant size

30cm tall, 10cm wide

## Family group to grow with

*Asteraceae*: lettuce, chicory

## Seed saving group

4 - Biennial, needs isolation

## Key nutritional content

Fibre, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Salsify and Scorzoneria

Vegetable



# Seakale

Suggested varieties: *Lillywhite*

## Vegetable

### PLANT



**Sow seed 1cm deep in pots or seedbed. Rub seed with sandpaper first to speed up germination. Transplant seedlings when 10cm tall at 45x45cm apart**

### GROW



**Water until established. Remove weeds and protect from slugs. Mulch yearly with a thin layer of compost over the soil surface. Remove yellowing leaves**

### EAT



**Cover plants with an upturned bucket in spring to exclude light. Pale coloured ('blanched') shoots will sprout; cut when 10-20cm long. Stop cutting in May and let plants grow**

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		■	■	■	■						
	■	■	■	■							

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

### Growing guide

Give it a go...

### Average time to harvest

24 months (will crop for 7 years)

### Equipment needed

Bucket, mulch (eg compost)

### Germination time

10-20 days

### Average plant size

60cm tall and wide

### Family group to grow with

None (long term crop)

### Seed saving group

4 - Biennial, needs isolation

### Key nutritional content

Vitamin C

2.5cm = 1 inch 30 cm = 1 foot

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# Seakale

Vegetable



# Seed Sprouts

Suggested varieties: *Alfalfa, Aduki Bean, Cress, Fenugreek, Mung Bean, Mustard, Radish*

**Vegetable**

**PLANT**



**Soak seed in tepid water overnight and rinse. Scatter seeds onto damp tissue paper in a shallow tray. Cover with polythene and place in the dark**

**GROW**



**Rinse sprouts daily. Keep the tissue constantly moist, but not too wet as the seeds may rot. Drain any free water from the tray. Remove polythene as needed**

**EAT**



**Move into light to 'green' sprouts as needed, eg alfalfa, cress, fenugreek, mustard, and radish. Keep pale coloured sprouts ('forced') in the dark, eg mung beans and aduki beans**

## Growing guide

Easy!

## Average time to harvest

1-2 weeks

## Equipment needed

Shallow tray, tissue paper

## Germination time

4-10 days

## Average plant size

5cm tall shoots or roots

## Family group to grow with

Not part of crop rotation  
None (long term crop)

## Seed saving group

5 - Specialist or not applicable

## Key nutritional content

Mustard, cress: vit. A, vit. C, folate

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Seed Sprouts

Vegetable





# Shallot

Suggested varieties: *Longor, Red Sun, Vigarmor*

## Vegetable

### PLANT



Plant sets 15-20cm apart just beneath soil surface. The tip should be showing. Deter birds from pulling up sets with netting or CDs tied to stakes

### GROW



Weeds easily damage plants so carefully remove by hand. Water plants in dry weather for steady growth. Break off any flower stems that appear

### EAT



Once leaves start to yellow (around July), dig up clusters of bulbs; dry in the sun. Remove dirt when dry and separate individual bulbs ready for storage

### Growing guide

Easy!

### Average time to harvest

20-24 weeks

### Equipment needed

Stakes, CDs, netting

### Germination time

Sets sprout in 11-14 days

### Average plant size

30cm tall, 20cm wide

### Family group to grow with

Alliaceae: garlic, onion

### Seed saving group

5 - Specialist or not applicable

### Key nutritional content

Vitamin C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
	■	■									
						■	■	■			

■ Sow indoors

■ Sow outdoors

■ Plant out/transplant

■ Harvest



Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Shallot

Vegetable



# Spinach, Annual

Vegetable

Suggested varieties: *Matador* (summer); *Giant Winter* (winter)

PLANT



Regularly sow seed 1cm deep in pots or rows. Thin or transplant to 15-30cm apart. Avoid summer sowings as plants tend to flower early ('bolt')

GROW



Keep soil moist for continuous growth. Remove weeds carefully. Protect from slugs. Grow early and late crops under cloches or horticultural fleece

EAT



Cut individual leaves as needed. Can cut seedlings and mature plants to 2.5cm above the soil surface (plants regrow many times)

## Growing guide

Give it a go...

## Average time to harvest

2 weeks (seedling); 10 (mature)

## Equipment needed

Horticultural fleece

## Germination time

10-20 days

## Average plant size

30cm tall, 20cm wide

## Family group to grow with

*Chenopodiaceae*: leaf beet

## Seed saving group

2 - Annual, can cross-pollinate

## Key nutritional content

Calcium, vitamin A, folate, vit. C

Spring Term			Summer Term				Autumn/Winter Term				
J	F	M	A	M	J	J	A	S	O	N	D
		🌱	🌱	🌱	🌱			🌱			
		🏠									

🌱 Sow indoors

🌱 Sow outdoors

🏠 Plant out/transplant

🏠 Harvest



🏠 Use cloche

2.5cm = 1 inch 30 cm = 1 foot

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# Spinach, Annual

Vegetable

