BALCONY FOOD FACTORY

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And now, here's your crop growing guide:

How To Grow Ginger In Containers Or Indoors From Ginger Root



by JIM BOERE

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Imagine snapping a piece off a pot on your balcony and grating fresh ginger straight into your dinner. It sounds like something that needs a greenhouse

and a tropical climate, but it doesn't. You can start with a piece of ginger root from the grocery store and grow it in a container.

Here is the honest part up front: ginger growth is slow. A mature harvest can take eight to ten months or longer, depending on growing conditions.

The good news is that ginger doesn't need constant attention, it can grow in partial shade, and it can be brought indoors when the weather turns cold.

That makes it an interesting crop for small-space gardeners, especially if you have a balcony corner that doesn't get enough sun for tomatoes or peppers.

This guide takes you through the entire growing ginger cycle, from choosing a piece of ginger root to harvesting your own rhizomes.

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1. Can You Really Grow Ginger In Containers On A Balcony?
2. A Year Of Growing Ginger
3. What You Need To Get Started
4. Choosing And Preparing Your Ginger
5. Sprouting Ginger Indoors In Late Winter
6. Planting Ginger In A Container
7. Where To Put Ginger On Your Balcony
8. Watering And Feeding Ginger
    1. Feeding Ginger
9. Bringing Ginger Indoors For Winter
    1. If Your Ginger Is Still Growing
    2. If Your Ginger Goes Dormant
10. When And How To Harvest Ginger
    1. Baby Ginger
    2. Mature Ginger
    3. What Kind Of Harvest Can You Expect?
11. Saving Ginger For Next Season
12. Troubleshooting Common Ginger Problems
    1. Nothing Is Sprouting
    2. The Rhizome Is Soft Or Smells Bad
    3. The Leaves Turn Yellow In Summer
    4. The Leaf Tips Turn Brown Or The Leaves Look Scorched
    5. Growth Is Very Slow

6. Tiny Webs Or Speckled Leaves Appear Indoors
13. Frequently Asked Questions
    1. Can I Grow Ginger From Grocery Store Ginger?
    2. How Long Does Ginger Take To Grow?
    3. Can I Grow Ginger Entirely Indoors?
    4. Does Ginger Need Full Sun?
    5. Can I Grow Ginger In A Small Pot?
    6. Can I Use The Same Method For Turmeric?
14. Final Thoughts

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1. Can You Really Grow Ginger In Containers On A Balcony?

Yes, with one important adjustment. Ginger is a tropical plant, so in a cool climate, like where I live in The Netherlands, it cannot stay outside all year. Think of it as a crop that spends the warmer months on your balcony and the cold months indoors.

Ginger grows from a rhizome, which is the knobby underground stem you buy as ginger root. It doesn't grow from seed, and the rhizomes spread sideways rather than deep into the soil. **That detail shapes almost every choice in this guide**, especially the container.

Here is what ginger needs to grow well:

- **Warmth:** Ginger grows best in warm conditions and is not frost-tolerant.
- **Partial shade:** It prefers filtered light or gentle morning sun rather than strong afternoon sun.
- **Consistent moisture:** The potting mix should remain evenly moist during active growth without becoming waterlogged.
- **Good drainage:** Excess water must be able to escape freely.
- **A long growing season:** The longer ginger can grow in warm conditions, the better its chances of producing a substantial harvest.

You don’t need a greenhouse or a large garden. A suitable container, a warm indoor spot for starting, and a little patience can be enough.

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2. A Year Of Growing Ginger

In The Netherlands and other climates with cool winters, ginger needs a little planning. Starting ginger indoors gives it a head start, while moving it outside during the warmer months lets it take advantage of the summer.

Here is a typical schedule to help you plan.

Timing	What to Do
February–March	Choose fresh ginger root and start sprouting it in a warm indoor spot.
March–April	Pot up sprouted pieces and encourage steady growth indoors.
Mid-May–June	Move plants outside once nights are reliably mild and the weather is warm enough.
June–September	Maintain moisture, feed regularly, and protect the leaves from strong sun and wind.
September–October	Bring the container indoors before cold nights arrive.
Autumn–Winter	Continue caring for an actively growing plant or allow a naturally dormant rhizome to rest.

After a long growing season	Harvest baby ginger or mature rhizomes, depending on how the plant has developed.

Treat these dates as **a guide rather than a fixed calendar**.

Ginger needs warmth more than it needs a particular planting date. If your home is cool in February, waiting until March or April may give you better results than starting too early in unsuitable conditions.

A plant started in March may also need longer than one growing season to produce a large harvest, especially if it spends much of the year growing slowly indoors.

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3. What You Need To Get Started

The shopping list is short:

- A piece of fresh ginger, preferably with visible buds
- A wide container or grow bag with drainage holes
- Good-quality potting mix that retains moisture without becoming soggy
- A warm indoor spot for sprouting
- Compost and a suitable balanced fertilizer for feeding

For one or two pieces of ginger, a container about 12 inches (30 cm) wide and 8–10 inches (20–25 cm) deep is a reasonable starting point. A longer planter gives you room for more pieces.

Choose width over depth because ginger rhizomes grow horizontally. A larger container can accommodate more planting pieces, provided they have enough room to spread.

Make sure the drainage holes remain unobstructed. You don’t need to put a layer of gravel at the bottom; good potting mix and proper drainage are more important.

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4. Choosing And Preparing Your Ginger

Start with plump, firm ginger. Look for small, slightly swollen buds, sometimes called eyes, near the ends or along the sides of the rhizome. These are the points from which new shoots can develop.

Avoid pieces that are shriveled, soft, badly damaged, or moldy.

Organic ginger is worth considering because some conventionally sold ginger may have been treated with a growth inhibitor to discourage sprouting during storage. However, organic certification doesn’t guarantee that a piece will sprout. Even healthy-looking ginger can sometimes fail to grow.

To prepare your ginger:

1. **Soak it if you wish.** Leave the whole piece in lukewarm water for several hours. This can help rehydrate it, but soaking does not reliably remove growth inhibitors.
2. **Cut it into sections if needed.** Each section should have at least one or two healthy buds. Pieces about 1–2 inches (3–5 cm) long are a good size.
3. **Let cut surfaces dry.** Leave freshly cut pieces in a clean, airy spot for a day or two so the cut surfaces can dry and begin to seal. This helps reduce the risk of rot.

You can also plant a whole small rhizome if it has several healthy buds and fits comfortably in your container.

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5. Sprouting Ginger Indoors In Late Winter

Ginger needs a long growing season. Starting indoors in late winter gives the plant a head start, provided you can keep it warm enough.

Ginger is a tropical plant, and warmth is particularly important before the shoots appear. A cold windowsill may look like a good place to start, but it can slow sprouting considerably.

Here's how to get started:

1. Fill a shallow tray or pot with moist potting mix.
2. Lay the ginger pieces on the surface with their buds (eyes) pointing upward.
3. Cover them with approximately 1 inch (2.5 cm) of potting mix.
4. Keep the container warm, ideally around 22–28°C (72–82°F). A heated propagator can help if your home is cool.
5. Keep the mix lightly moist, not wet.
6. Once shoots emerge, move the container to a bright spot where the young leaves can receive plenty of light while the rhizome remains warm.

Sprouting can take several weeks, so don't assume that nothing is happening just because you can't see growth yet.

Check the potting mix occasionally rather than watering automatically. If a piece becomes soft or develops an unpleasant smell, remove it before the rot spreads.

If you don't have a reliably warm place to sprout ginger in February, wait until March or early April. A later start in suitable conditions can be more successful than an early start in a cold room.

6. Planting Ginger In A Container

You have **two options**: sprout the ginger in a small container and move it later, or plant it directly into its final container.

Starting in a smaller container can make it easier to provide warmth, but planting directly into the final container avoids disturbing the developing rhizomes. Either method can work.

To plant your ginger:

1. Fill your container with potting mix, leaving a little space below the rim for watering.
2. Position each piece approximately 1 inch (2.5 cm) below the surface, with the buds pointing upward.
3. Leave around 8 inches (20 cm) between planting pieces if you're growing several in one container.
4. Water gently but thoroughly, allowing excess water to drain away.

Keep the container warm while the plant establishes itself.

As the ginger grows, check whether any developing rhizomes are becoming exposed. If they are, gently add a little more potting mix over them. The aim is to keep the rhizomes covered, not to bury the stems deeply.

Wait until the weather is reliably mild before moving your plant outside. In the Netherlands, for me mid-May is a useful starting point to consider, but a sheltered location and the actual nighttime temperatures matter more than the date. If nights are still chilly, keep the plant indoors a little longer.

Remember that ginger is sensitive to cold. Moving it outside too early can set back its growth just when you want it to get established.

7. Where To Put Ginger On Your Balcony

This is where balcony gardeners can make good use of an otherwise awkward space.

Many crops, including tomatoes and peppers, compete for the sunniest spots. Ginger is different. It grows well in partial shade, and strong direct sunlight can scorch its leaves, particularly when a plant has been raised indoors.

Look for a place with:

- Partial shade or gentle morning sun
- Protection from strong wind
- Warm conditions, such as near a wall that retains some heat
- Enough light for healthy leaf growth without prolonged exposure to harsh afternoon sun

On a south-facing balcony, you might place the ginger behind taller plants, in a sheltered corner, or beneath a trellis that provides some filtered shade. Shade cloth can also help during periods of intense sunlight.

Avoid putting the container in a permanently dark corner. Ginger tolerates shade, but it still needs light to grow.

This is a good example of making every part of a balcony useful. A corner that is too shady for sun-loving crops may be just right for ginger.

8. Watering And Feeding Ginger

Ginger likes consistent moisture while it is actively growing. The trick is to keep the potting mix moist without allowing it to become waterlogged.

Check the surface and feel a little deeper into the mix before watering. If the surface is beginning to dry and the mix below is only slightly moist, it's usually time to water. In warm weather, containers may need checking daily, although that doesn't mean they need watering every day.

Water thoroughly and allow the excess to drain away. **Never** leave the container sitting in standing water for extended periods. Constantly wet conditions can cause the rhizomes to rot.

Feeding Ginger

Ginger grows over a long season, so it benefits from regular feeding.

Mix some mature compost into the potting mix when planting, then use a balanced fertilizer suitable for edible container plants according to the product instructions during active growth.

Avoid assuming that more fertilizer will produce a bigger harvest. Excessive feeding can cause problems, and a healthy plant needs a balance of nutrients, warmth, moisture, and light.

You can also apply a thin layer of mature compost to the surface of the potting mix. This adds organic matter and helps retain moisture.

Remember that feeding requirements decrease when growth slows. A dormant rhizome doesn't need regular fertilizer.

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9. Bringing Ginger Indoors For Winter

In a climate like mine (compares to USDA Zone 8b), your ginger will need protection when the weather turns cold.

Bring the container indoors before nighttime temperatures approach 10°C (50°F), particularly if the plant is still actively growing. Don't wait for frost.

What you do next depends on the plant's condition.

If Your Ginger Is Still Growing

Place it near your brightest suitable window or provide a grow light if natural light is insufficient. Keep it warm and away from cold drafts.

Continue watering when needed, allowing the surface to dry slightly between waterings. Growth may slow during the darker months, so the plant will generally use less water than it did in summer.

Reduce feeding if growth has slowed considerably.

If Your Ginger Goes Dormant

As the growing season ends, ginger may naturally turn yellow and lose its leaves. **This can be part of its normal growth cycle** rather than a sign that something is wrong.

If the foliage dies back naturally and the rhizome becomes dormant, you can reduce watering substantially. Keep the container in a warm, frost-free place and avoid leaving the potting mix constantly wet.

A dormant rhizome needs much less light than an actively growing plant, but it must not be allowed to freeze or remain waterlogged.

Be careful not to confuse dormancy with problems caused by cold, overwatering, or poor growing conditions. If the plant starts deteriorating unexpectedly while the mix is wet, inspect it for rot before assuming it is simply resting.

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10. When And How To Harvest Ginger

You don’t necessarily have to wait for a full harvest. There are two main options, depending on how long your plant has been growing and what you want to use it for.

Baby Ginger

After several months of active growth, you may be able to harvest a small amount of young ginger. Five or six months can be a useful rough guide, but the plant needs to have developed sufficiently first.

Baby ginger is tender and mild, with thin skin that generally doesn’t need peeling. It can be particularly enjoyable in the kitchen because its texture is softer than that of fully mature ginger.

To harvest a small amount:

1. Gently move some potting mix away from the edge of the container.
2. Locate a developing rhizome and assess whether there is enough growth to spare a piece.
3. Carefully cut or break off a small section without damaging the main plant.
4. Cover any exposed rhizome with potting mix and water lightly if needed.

Take only a small amount and leave enough healthy rhizome and growing points for the plant to continue developing. Early harvesting is optional; if your plant is still small, it is better to let it grow.

Mature Ginger

For a mature harvest, ginger usually needs a long period of active growth in warm conditions. Eight to ten months is a reasonable estimate, but in a cool climate it may take longer.

As the growing season ends, the foliage may naturally yellow and dry out. This can indicate that the rhizomes are maturing, but yellow leaves alone aren't proof. Cold, poor light, overwatering, and other stresses can also cause yellowing.

When the plant has completed its growing cycle and you are ready to harvest:

1. Stop watering and allow the potting mix to become easier to handle.
2. Tip the container onto a suitable surface.
3. Gently remove the potting mix from around the rhizomes.
4. Separate the rhizomes carefully and remove excess roots.
5. Rinse the ginger if you plan to use it fresh, then dry the surface before storing any pieces you want to keep.

The amount you harvest will depend on the variety, container size, warmth, light, and length of the growing season. A plant that has spent much of the year growing slowly indoors may produce a modest harvest.

What Kind Of Harvest Can You Expect?

Growing ginger in a container is as much about enjoying an unusual crop as it is about the harvest.

A healthy plant may produce several new rhizomes, but the amount depends on how long it grows in warm conditions, the variety, and the care it receives. In a cool climate, don’t be disappointed if your first harvest is modest. Each season gives you a chance to learn what works in your own growing conditions.

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11. Saving Ginger For Next Season

If you want to grow ginger again, you can save a healthy piece rather than starting from a new grocery-store rhizome every year.

Choose a plump, healthy section with several viable buds. Avoid pieces that are soft, damaged, or showing signs of rot.

You have two options for keeping it over winter.

Keep it in the container. If you have space indoors, you can leave the rhizome in its pot. If it goes dormant, keep it warm, frost-free, and considerably drier than during active growth. Avoid leaving it in wet potting mix.

Store a harvested rhizome. If you harvest the plant, select a healthy piece for next season. Let any cut surfaces dry, then keep it in a warm, dry, well-ventilated place where it won’t freeze or become excessively dry. Check it occasionally for shriveling or rot.

As spring approaches, inspect the rhizome for healthy buds and start the growing process again.

Saving your own ginger gives you a chance to grow another crop next season, although some stored pieces may fail to sprout.

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12. Troubleshooting Common Ginger Problems

Nothing Is Sprouting

Ginger can take several weeks to sprout. Check that the rhizome is healthy and the potting mix is warm enough. Cool conditions are a common reason for slow or unsuccessful sprouting.

If the rhizome remains firm, give it more time. If it becomes soft or smells unpleasant, it may have rotted.

The Rhizome Is Soft Or Smells Bad

This usually indicates rot, often associated with excessive moisture, poor drainage, or cold conditions.

Remove affected pieces, check the drainage holes, and make sure the potting mix isn’t staying wet for long periods.

The Leaves Turn Yellow In Summer

Yellowing can have several causes, including overwatering, insufficient nutrients, cold conditions, or natural aging.

Check the moisture below the surface before watering again. Make sure the plant is warm enough and receiving suitable light, and consider whether it needs feeding. If the leaves are yellowing unexpectedly, don’t assume the plant is ready to harvest.

The Leaf Tips Turn Brown Or The Leaves Look Scorched

Strong direct sunlight, dry conditions, and wind can damage ginger leaves.

Move the container to a more sheltered, partially shaded location and check the potting mix regularly.

Growth Is Very Slow

Ginger grows slowly in cool conditions. Low temperatures, insufficient light, and a short growing season can all limit development.

Keep the plant warm, give it adequate light, and avoid overwatering while growth is slow. Remember that a plant that has only recently sprouted will need time to establish itself.

Tiny Webs Or Speckled Leaves Appear Indoors

Spider mites can become a problem on indoor plants, particularly in warm, dry conditions.

Inspect the undersides of the leaves for tiny mites, webbing, and speckled damage. Wipe the leaves carefully, rinse them if practical, and isolate the plant from other houseplants if you suspect an infestation. Check nearby plants as well.

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13. Frequently Asked Questions

Can I Grow Ginger From Grocery Store Ginger?

Yes. Choose firm, plump pieces with healthy-looking buds. Organic ginger may be a good choice because some conventionally sold ginger has been treated to inhibit sprouting, but neither type is guaranteed to grow.

How Long Does Ginger Take To Grow?

A mature harvest can take eight to ten months or longer. Baby ginger may be ready earlier, after several months of active growth, but the plant needs to have developed sufficiently before you start harvesting.

Can I Grow Ginger Entirely Indoors?

Yes. Use a wide container, keep the plant warm, provide adequate light, and maintain consistent moisture during active growth. A grow light can help during the darker months. Indoor ginger may grow more slowly if temperatures or light levels are insufficient.

Does Ginger Need Full Sun?

No. Ginger generally prefers partial shade or filtered light. Gentle morning sun can work well, while strong afternoon sun may scorch the leaves.

Can I Grow Ginger In A Small Pot?

You can start ginger in a small pot, but a wider container gives the rhizomes more room to spread. A container around 12 inches (30 cm) wide and 8–10 inches (20–25 cm) deep is a reasonable starting point for one or two planting pieces.

Can I Use The Same Method For Turmeric?

The basic method is similar because turmeric also grows from rhizomes and needs warmth. However, turmeric generally needs a long, warm growing season too, so it can be challenging in a cool climate. Growing it indoors may be worth trying if you can provide suitable conditions.

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14. Final Thoughts

Ginger isn't a quick crop, but it doesn't need constant attention either. A piece from your kitchen, a wide container, a warm start, and a suitable spot on your balcony can give you the chance to grow something you would normally buy at the grocery store.

What I particularly like about growing ginger in a small space is that it doesn't have to compete for the sunniest spot. While tomatoes and other sun-loving crops take the brightest positions, ginger can make productive use of a sheltered corner with partial shade.

The harvest may be modest, especially in your first season, but the process is straightforward once you understand what ginger needs: warmth, consistent moisture, good drainage, and time.

I see it as a fun little project. Something different to grow. A fun challenge. If you give it a try, let me know how it went!

About Me

I’m Jim, the gardener behind Balcony Food Factory.

I’ve been growing food for decades, from allotments to my current 10th-floor balcony, where I’ve learned how to grow a surprising amount of food in a surprisingly small space.

Balcony Food Factory is where I share what I’ve learned about growing more food in containers, making the most of limited space, and keeping things practical and manageable.

Have any questions? Anything I can help you with? I would love to hear from you!

Email me: info@balconyfoodfactory.com

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My eBook is out!

The Multi-Harvest Container System Starter Guide

