Making Compost & Building a Composter

Step-by-step winter compost production (greens/browns/manure, moisture, temperature rise) and building a local wooden or wire mesh composter.



CONTENTS

1 We will show you how to set up your compost in a market gardening business
2 What is compost?
3 To make and use your compost, you will need the following tools: a measuring tape, 1 shovel or a hoe, 1
4 To make compost, you will need the following ingredients: 1.5 m3 of green ingredients such as
5 1.5 m3 of brown materials such as dead leaves, branches, dry crop residues or
6 You will also need 5 buckets of cow dung or cow urine or soil or old compost, and the volume
7 Compost setup is a 6-step process. If all materials are gathered, it's a job that takes no more
8 STEP 1: STARTING COMPOST PRODUCTION
9 Layer brown and green materials alternately, adding a microorganism-rich starter after each layer
10 The first 30 cm layer is made with brown material. Sprinkle a bucket of one of the starters on
11 The second 30 cm layer is made with green matter. Then sprinkle a bucket of your starter.
12 Repeat the operation to obtain 5 to 6 layers of 30 cm, always finishing with the most readily
13 STEP 2: TRANSFER AND
14 After 2-3 weeks, the raw organic matter has decreased in volume.
15 Using the shovel, transfer the compost to the 2nd compartment, adding half the bag of charcoal.
16 Mix for a Homogeneous Pile
17 As soon as the 1st compartment is empty, restart compost production as seen in step 1.
18 STEP 3: FINALIZING THE COMPOST
19 After 2-3 weeks, the compost in the 2nd compartment has reduced in volume.
20 Transfer it to the 3rd compartment using the second half of the charcoal bag. The parts
21 As in Step 2, transfer the 1st compartment into the 2nd, adding half a bag of charcoal.
22 When the first compartment is free: stack the ingredients again.
23 After 2-3 weeks, empty the 2nd compartment into the 3rd and the 1st into the 2nd.
24 STEP 4: CONTINUE FEEDING THE
25 Now that you know the winter composting technique, repeat these operations throughout the winter
26 STEP 5: PREPARING COMPOST TEA
27 x2
28 x3
29 STEP 6: USING COMPOST
30 Compost and compost tea can be used at different stages of the cropping cycle.
31 Apply compost as an amendment to the beds to prepare the crop beds.
32 Spray compost tea on the soil when flowering begins.
33 Spray compost juice on the soil when fruits and vegetables start to grow.
34 Compost is not a trash can; not all waste decomposes and can even be bad for
35 Congratulations! You now know the technique for making your winter compost and using it in your



We will show you how to set up your compost in a market gardening business

bio-intensive in living soil.



What is compost?

It is the process of decomposing organic waste or materials through soil life, to transform them into a fertile substrate usable for crops.

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watering can, 1 empty barrel, and 1 stick for mixing.

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from the kitchen, weeding products, green manure mowing, or shrub leaves.

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peanut shells.

6

You will also need 5 buckets of cow dung or cow urine or soil or old compost, and the volume of a



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100 kg bag of charcoal powder or charcoal remnants.

7

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than one day for two people.



STEP 1: STARTING COMPOST PRODUCTION

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Layer brown and green materials alternately, adding a microorganism-rich starter after each layer

microorganisms: either **cow dung** or **urine**, or a bucket of **old compost**.

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at your disposal.

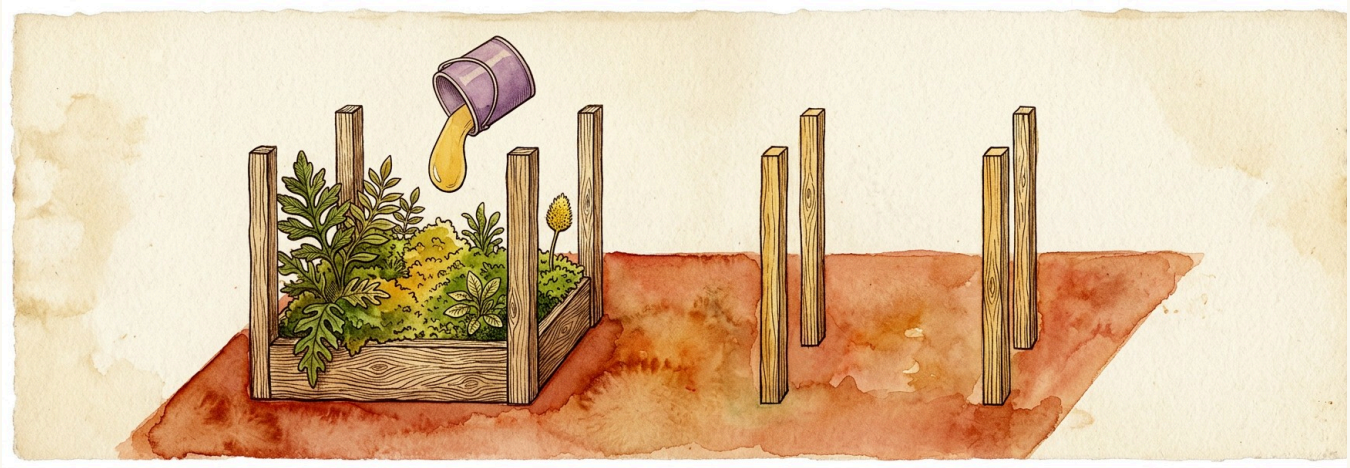
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The second 30 cm layer is made with green matter. Then sprinkle a bucket of your starter.



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Repeat the operation to obtain 5 to 6 layers of 30 cm, always finishing with the most readily available material

available.

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MIX THE COMPOST

14

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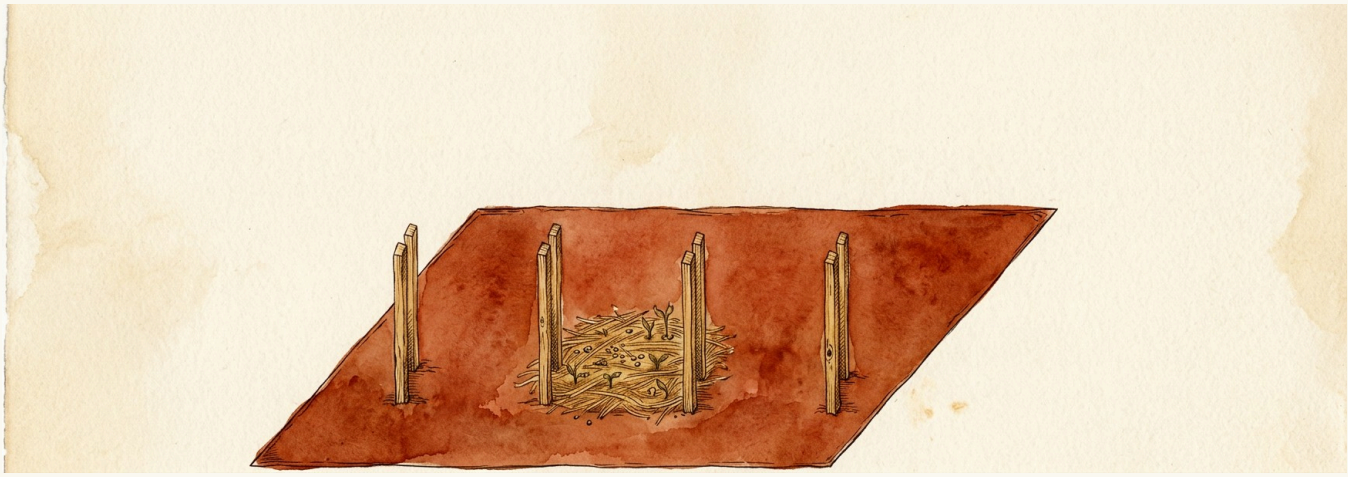
The outside should end up in the middle and the center on the outside.



Mix for a Homogeneous Pile

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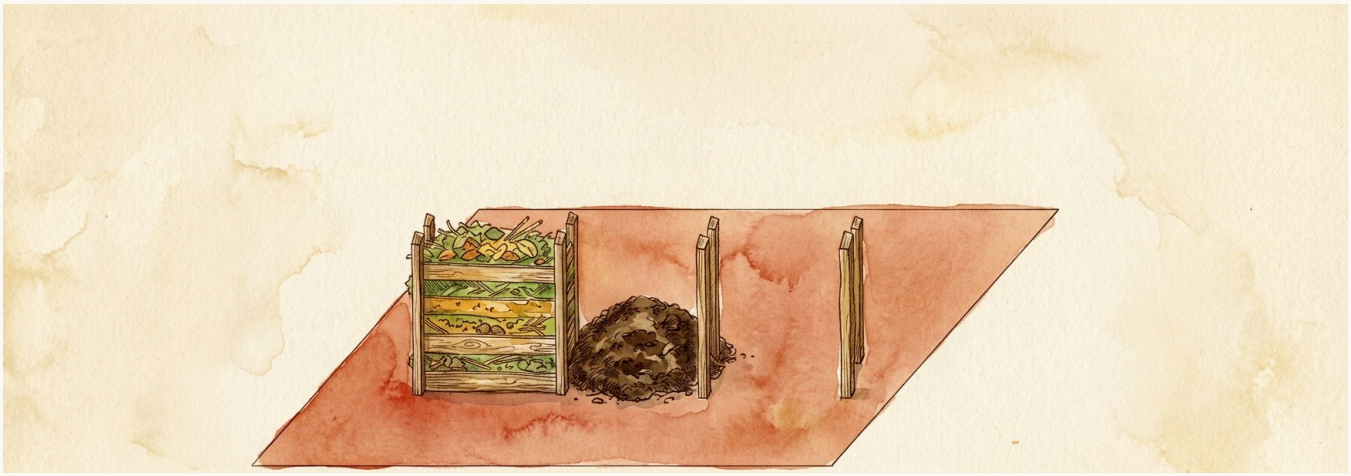
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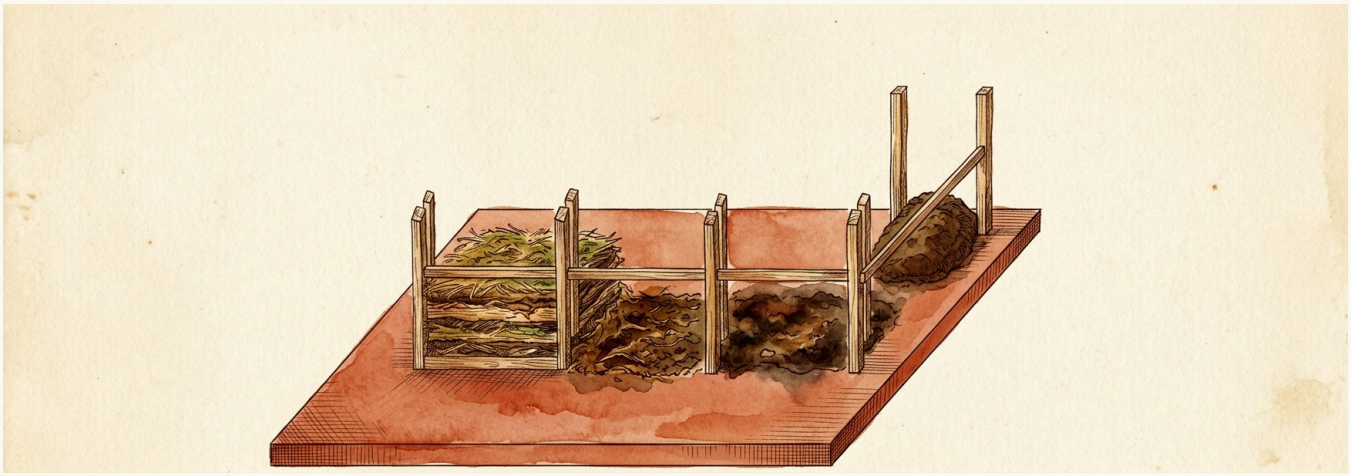
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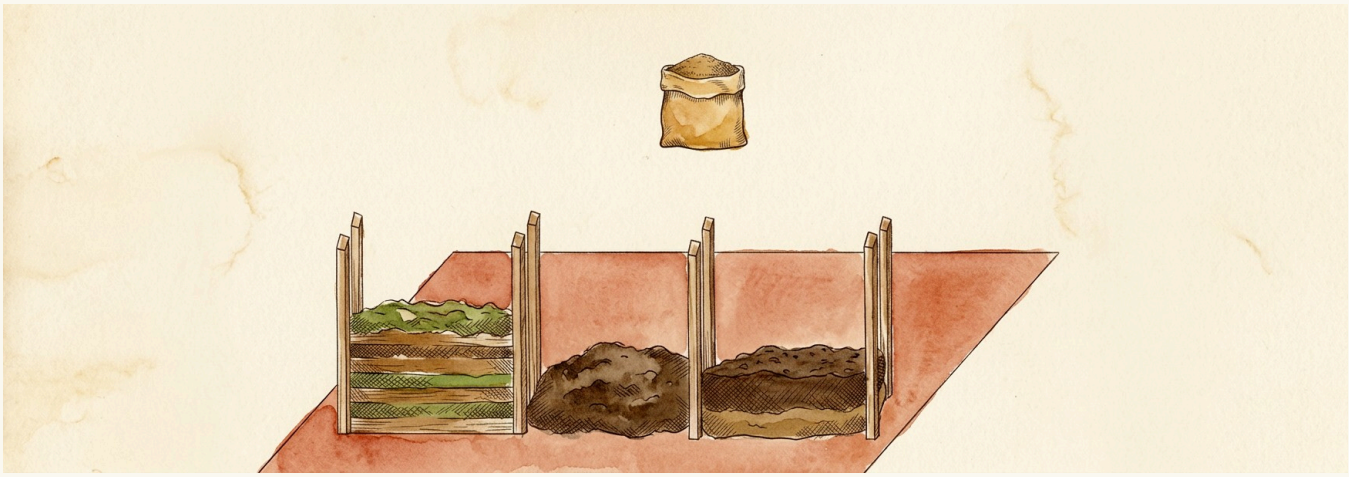
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outside should end up in the middle and vice versa. The mixture must be very homogeneous at the end.

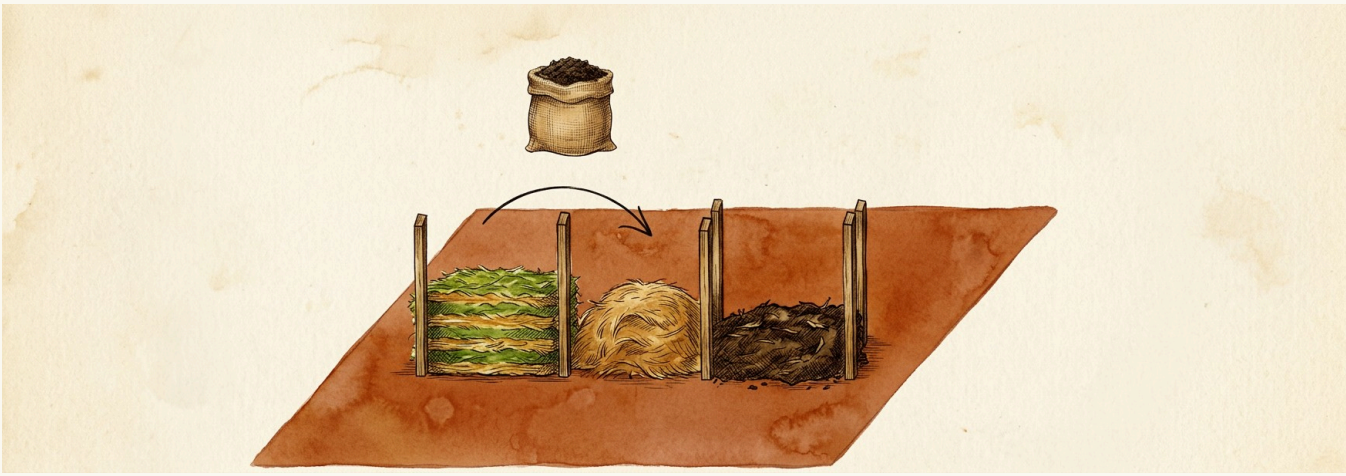
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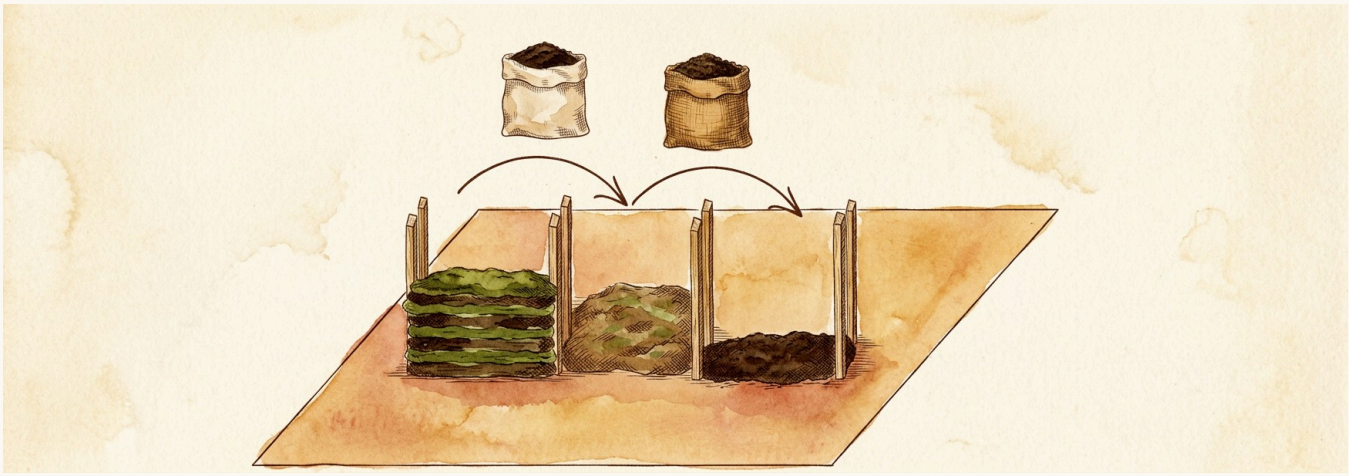
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After 2-3 weeks, empty the 2nd compartment into the 3rd and the 1st into the 2nd.



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When the 1st compartment is empty, stack the ingredients again. And so on.



STEP 4: CONTINUE FEEDING THE

COMPOST PILE

25

Now that you know the winter composting technique, repeat these operations throughout the winter



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until you obtain 5 m3 of compost.



STEP 5: PREPARING COMPOST TEA

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x2



x2

x 20 Put 2 buckets of compost into the barrel and add twenty buckets of rainwater, forage water, or well water. Avoid using tap water, which may contain a disinfectant.

x3



x3

Stir the mixture 3 times.

After 3 days, your compost tea is ready to use.



STEP 6: USING COMPOST

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Apply compost as an amendment to the beds to prepare the crop beds.



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Spray compost juice on the soil when fruits and vegetables start to grow.



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Compost is not a trash can; not all waste decomposes and can even be bad for

compost and soil life.

Batteries, plastic bottles, plastic bags: anything that is not organic does not belong here.

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intensive organic market gardening crops in living soil.