## Baking with Spelt

Spelt is an ancient relative of wheat that has been cultivated for over 7,000 years and was one of the first grains ever used to make bread. Its use is even documented in the Bible.

Spelt flour comes in two varieties: "whole spelt flour" and "white spelt flour." If the label on your package says simply "spelt flour" then you can assume it is whole spelt.


Spelt is more nutritious and digestible than wheat.

- Because spelt flour is water soluble, it easier to digest than wheat, and its nutrients are absorbed more readily by the human body.
- Approximately 30\% higher in Vitamin B1
- Approximately 25\% higher in Vitamin B6
- Approximately 45\% higher in Vitamin E
- Higher in unsaturated fatty acids
- Up to $40 \%$ higher in protein than wheat
- Higher levels of the amino acid l-tryptophan, the precursor to the neurotransmitter serotonin.
- Spelt contains less gluten, however, it is not suitable for those with celiac disease (gluten allergy)
- Many people who have allergies to wheat can tolerate spelt.

Spelt is much more environmentally friendly and sustainable to grow than modern wheat. Spelt has a short growing season. It grows very well in poor soil and does not require fertilizers to thrive. Because the spelt grain has a thick husk-which was bred out of modern wheat to make threshing easier-spelt is resilient in bad weather and tolerant of frosts, so it does not need fungicides. Its husk also makes it less susceptible to insect damage, so pesticides are also unnecessary. Spelt is an ancient grain, not genetically modified, and it is therefore not susceptible to most of the plant diseases, funguses and other problems that plague modern wheat strains.

Measuring spelt flour is no different from measuring wheat flour. To measure spelt flour in a measuring cup, use the "fluff, scoop \& level" method. First, dip your measuring cup into the flour with a sweeping motion and let the flour fall out of the cup. (The object of this is to fluff up the flour in the event that it has compacted in storage.) Using the same sweeping motion, scoop up an over-flowing portion of flour in the measuring cup, taking care not to pack the flour in the cup. Use a flat-sided object, like the handle of a wooden spoon or the straight edge of a knife to remove excess flour from the top of the measuring cup and level its contents. Note: Because white spelt flour is less refined, it is best sifted before adding to ingredients in order to break up small lumps and remove bits of bran. One cup of whole or white spelt flour weighs approximately $41 / 2$ oz or 120 g .


Spelt requires less liquid than called for in your wheat flour recipe. To substitute spelt flour for wheat flour, you will want to make some quantity adjustments. The most reliable way to duplicate the results from your wheat flour recipes-such as bread, cake, biscuits and pancakes-is to decrease the liquid in your recipe by $10 \%-15 \%$.


## Reduce Liquids by 10\%

## American Liquid Measure Conversion Chart

| Liquid Amount in <br> Wheat Baking <br> Recipe | Reduced Liquid Amount for Spelt <br> Baking Recipe |
| :---: | :---: |
| 2 tablespoons | $51 / 2$ teaspoons |
| $1 / 4$ cup | 3 tablespoons +2 teaspoons |
| $1 / 3$ cup | $1 / 4$ cup +1 tablespoon |
| $1 / 2$ cup | $1 / 3$ cup +2 tablespoons |
| $2 / 3$ cup | $1 / 2$ cup +2 tablespoons |
| $3 / 4$ cup | $2 / 3$ cup |
| 1 cup | $3 / 4$ cup +2 tablespoons |
| $11 / 4$ cups | 1 cup +2 tablespoons |
| $11 / 3$ cups | 1 cup +3 tablespoons |
| $11 / 2$ cups | $11 / 3$ cups |
| $12 / 3$ cups | $11 / 2$ cups |
| $13 / 4$ cups | $11 / 2$ cups +1 tablespoon |
| 2 cups | $13 / 4$ cups +1 tablespoon |
| $21 / 4$ cups | 2 cups |
| $21 / 3$ cups | 2 cups +2 tablespoons |
| $21 / 2$ cups | $21 / 4$ cups |
| $2 / 3$ cups | $21 / 3$ cups +1 tablespoon |
| $23 / 4$ cups | $21 / 2$ cups |
| 3 cups | $2 \frac{1}{3}$ cups |



If your recipe contains a liquid that is difficult to reduce, such as whole egg, increase the flour quantity by $10 \%$ to $15 \%$. This works particularly well for fresh pasta and certain cookie doughs which do not have any liquid ingredients except eggs and a little flavoring extract. Keep in mind that the extra flour you add could also require you to also similarly adjust amounts of sugar, salt or other flavorings.

Increase flour by 10\%
American Volume Measure Conversion Chart

| Wheat Flour Amount | Increased Flour Amount for Spelt Baking Recipe |
| :---: | :---: |
| 1 cup | 1 cup + 2 tablespoons |
| $11 / 4$ cups | $11 / 3$ cups + 1 tablespoon |
| $11 / 3$ cups | $11 / 2$ cups |
| 1112 cups | $12 / 3$ cups |
| 12/3 cups | $13 / 4$ cups |
| 13/4 cups | 2 cups |
| 2 cups | 2114 cups |
| 2114 cups | $21 / 3$ cups |
| $21 / 3$ cups | $21 / 2$ cups +1 tablespoon |
| 21⁄2 cups | 23/4 cups |
| 22/3 cups | 23/4 cups + 3 tablespoons |
| $23 / 4$ cups | 3 cups |
| 3 cups | $31 / 4$ cups + 1 tablespoon |
| 3114 cups | $31 / 2$ cups + 1 tablespoon |
| $31 / 3$ cups | $32 / 3$ cups |
| 3112 cups | $33 / 4$ cups + 2 tablespoons |
| $32 / 3$ cups | 4 cups |
| 33/4 cups | 4 cups + 2 tablespoons |
| 4 cups | $41 / 3$ cups + 1 tablespoon |

To substitute white spelt flour for self-rising wheat flour, first convert your wheat recipe by either reducing liquid ingredients or increasing the flour amount. Then sift in $3 / 4$ teaspoon of baking powder with each cup of white spelt flour in your converted recipe.

## Self-Rising Flour

## American Volume Measure Conversion Chart

| For this amount of White Spelt Flour | Add this amount of Baking Powder |
| :---: | :---: |
| 1 cup | $3 / 4$ teaspoon |
| 11/4 cups | scant teaspoon |
| 11/3 cups | 1 teaspoon |
| 11/2 cups | 1 teaspoon |
| 12/3 cups | 11/4 teaspoons |
| 13/4 cups | 11/4 teaspoons |
| 2 cups | 11/2 teaspoons |
| 21/4 cups | $13 / 4$ teaspoons |
| 21/3 cups | 13/4 teaspoons |
| 21⁄2 cups | $13 / 4$ teaspoons |
| 22/3 cups | 2 teaspoons |
| 23/4 cups | 2 teaspoons |
| 3 cups | 21/4 teaspoons |
| 311/4 cups | 21/2 teaspoons |
| $31 / 3$ cups | 21/2 teaspoons |
| $31 / 2$ cups | 21/2 teaspoons |
| 32/3 cups | 23/4 teaspoons |
| $33 / 4$ cups | 23/4 teaspoons |
| 4 cups | 3 teaspoons |




To substitute white spelt flour for cake flour, mix $80 \%$ white spelt flour with $20 \%$ arrowroot or corn starch. To keep cake flour substitute on hand, mix four parts white spelt flour with one part arrowroot or cornstarch, whisk or sift together, and store in an air-tight container. Always sift the white spelt flour with the starch before using in your cake flour recipe. Remember to reduce the liquid in your cake flour recipe by $10 \%$.

## Cake Flour

## American Volume Measure Conversion Chart

| Amount of Flour in <br> Cake Flour Recipe | White Spelt Flour | Arrowroot or Cornstarch |
| :---: | :---: | :---: |
| $\mathbf{1}$ cup | $3 / 4$ cup +1 tablespoon | 3 tablespoons |
| $11 / 4$ cups | 1 cup | $1 / 4$ cup |
| $11 / 3$ cups | 1 cup +1 tablespoon | $1 / 4$ cup +1 teaspoon |
| $11 / 2$ cups | 1 cup +3 tablespoons | $1 / 4$ cup +2 teaspoons |
| $12 / 3$ cups | $11 / 3$ cups | $1 / 4$ cup +1 tablespoon |
| $13 / 4$ cups | $11 / 3$ cups +1 tablespoon | $1 / 4$ cup +2 tablespoons |
| 2 cups | $11 / 2$ cups +1 tablespoon | $1 / 4$ cup +2 tablespoons |
| $21 / 4$ cups | $11 / 3$ cups +3 tablespoons | $1 / 4$ cup +3 tablespoons |
| $21 / 3$ cups | $13 / 4$ cups +2 tablespoons | $1 / 3$ cup |
| $21 / 2$ cups | 2 cups | $1 / 2$ cup |
| $2 \frac{2}{3}$ cups | 2 cups +2 tablespoons | $1 / 2$ cup +1 tablespoon |
| $23 / 4$ cups | 2 cups +3 tablespoons | $1 / 2$ cup +2 tablespoons |
| 3 cups | $21 / 3$ cups +1 tablespoon | $1 / 2$ cup +3 tablespoons |
| $31 / 4$ cups | $21 / 2$ cups +2 tablespoons | scant $2 / 3$ cup |
| $31 / 3$ cups | $2 \frac{2 / 3}{}$ cups | 2 cup |
| $31 / 2$ cups | $23 / 4$ cups +1 tablespoon | $2 / 3$ cup + scant 1 tablespoon |
| $32 / 3$ cups | $23 / 4$ cups +2 tablespoons | $2 / 3$ cup +1 tablespoon |
| $33 / 4$ cups | 3 cups | $3 / 4$ cup |
| 4 cups | 3 cups +3 tablespoons | $3 / 4$ cup +1 tablespoon |

## Tips for Yeast-Raised Bread, Rolls, Pizza Dough, etc.

Unsweetened baked goods made with spelt flour do not brown quite as readily as do those made from modern wheat. To enhance browning, add $1 / 4$ teaspoon rice bran syrup, maple syrup, molasses or brown sugar for each cup of spelt flour in your recipe for breads, rolls, pizza dough, etc. (Most cookies, cakes and other baked sweets have plenty of sugar in them to support oven browning.)


One rise in the bowl and one after forming will produce the best result. Most yeast-raised bread recipes for modern wheat call for two rises in the bowl before shaping into loaves. With spelt flour, one rise is all you need. More than one rise in the bowl will cause your dough to not rise sufficiently after forming into loaves.

Do not over-rise. Spelt flour dough does not benefit from rising "until double in size" like most wheat-based dough. The rise in the oven will be substantially better if you do not over-rise your spelt loaves, rolls or pizzas, etc., before baking. A rule of thumb is a rise of $11 / 2$ to $13 / 4$ times the original dough volume for a wheat recipe which calls for a rise of double the original volume.

Use active-dry or cake yeast. For best results do not use rapid-rise yeast.


Spelt bread dough is softer and a little stickier than wheat dough, so take care not to add too much flour when kneading. If your mixer has a dough-hook attachment, knead on low speed. Or you can knead in a 14-cup-capacity food-processor, fitted with a plastic blade.

Bread machine baking can be very successful if you manually set your machine to have only two rising cycles before it bakes the loaf. (Three rising cycles is usually the automatic setting.) Large seeds, nuts or dried fruit are best kneaded in by hand because they tend to break up in machine-kneading.

Spelt dough is not as "robust" as dough made from bread flour. Spelt flour is a little lower in gluten than wheat flour, and its gluten strands are shorter. If your recipe calls for "bread flour" - a high-gluten flour - you may substitute spelt, but be aware that the dough will not be as firm, nor will the rise be quite as robust. If you follow the guidelines and do not over-rise your dough, you will have the best chance of success.

Cutting slashes in risen spelt bread dough can cause your loaf to deflate, especially if the dough has over-risen. To avoid deflation, slash formed loaves before rising. If you slash risen dough, use an exceptionally sharp knife, and do not cut too deeply.

## Basic Spelt Recipes

## White Spelt Bread

Makes 2 loaves

## Ingredients

$1 / 4$ cup / 60 ml lukewarm water $21 / 2$ teaspoons / $7 \mathrm{~g} / 1 / 4$ oz. dry yeast $13 / 4$ cups / 415 ml lukewarm water $1 / 2$ cup / 120 ml milk or plain yogurt 1 tablespoon / 15 ml molasses
 $81 / 3$ cups / 1 kilo / $2 \mathrm{lb}+31 / 4$ oz. white spelt flour
1 tablespoon / 18 g sea salt
1 tablespoon / 7 g butter for preparing the pans

1. In a large mixing bowl, dissolve the yeast in $1 / 4$ cup lukewarm water and allow to stand for 10 minutes until bubbly. Add $13 / 4$ cups lukewarm water, yogurt and molasses.

Kneading by Hand: add the flour and salt to the wet ingredients. Stir until the mass is "shaggy" and becomes too difficult to stir. Tip onto a floured surface and knead for 7 to 10 minutes, adding as little flour as possible, until the dough is smooth and elastic. (The dough will be softer and stickier than wheat-flour dough.)
Kneading by Mixer with dough-hook attachment: add the flour and knead on low speed for 4 minutes. Add salt and knead on low speed for one additional minute.

Kneading by Food Processor with 14-cup-capacity: place flour and salt in food processor bowl. With the machine running, slowly pour in liquid ingredients through the opening in the lid, and process until the mixture comes together in a ball. Continue processing for 1 minute.
2. Place the dough in a large, oiled bowl. Cover tightly and allow to rise in a warm, draft-free place for about an hour, until it has risen to $1 \frac{1}{2}$ to $13 / 4$ its original volume. Do not over-rise.
3. Scrape the risen dough onto a floured surface and divide into 2 equal portions. Form into round loaves, dust tops with flour, and place onto buttered $8^{\prime \prime}$ or $9^{\prime \prime}(20 \mathrm{~cm}$ or 24 cm ) diameter pie pans. If you are using loaf pans, butter two pans, approximately $8^{\prime \prime} \times 4^{\prime \prime} \times 3^{\prime \prime}(20 \mathrm{~cm} \times 10$ $\mathrm{cm} \times 7.5 \mathrm{~cm}$ ) in size, place loaves in the pans and dust the tops with flour.
4. Slash loaves shallowly, if desired. Slash round loaves in a cross-hatch pattern. For loaves in loaf pans, slash lengthwise down the center of the loaf. Cover loaves with a floured cloth.
5. Preheat the oven to $375^{\circ} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 for at least 30 minutes. Allow loaves to rise until they are $11 / 2$ to $13 / 4$ times their original volume. If using loaf pans, rise until the tops of loaves have risen $1 / 2^{\prime \prime}(1 \mathrm{~cm})$ above the rims of the pans.
6. Bake at $375^{\circ} \mathrm{F} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 for one hour, until the loaves are brown and have shrunk a little from the sides of the pan, or until the internal temperature of the loaves reaches $205^{\circ} \mathrm{F}$ $/ 96^{\circ} \mathrm{C}$. Remove from pans and cool on racks. Bread may be frozen when completely cooled.

Note: This dough may also be formed into rolls. Reduce baking time to $20-35$ minutes, depending upon the size.

## Whole Spelt Bread - Sponge Method

The sponge method really improves the flavor and texture of a yeast-raised, whole-grain loaf. It also makes the bran more digestible. The sponge can be allowed to rest, covered, at room temperature for up to four days. Like any sourdough starter, the longer the sponge ferments, the more sourdough taste the finished loaf will have. Milk or yogurt "softens" the crumb, and the lactic acid in yogurt also improves keeping quality.

Makes 2 loaves

## For the sponge:

$13 / 4$ cups / 415 ml lukewarm water
$1 / 2$ teaspoon / 1.5 g dry yeast
4 cups / $500 \mathrm{~g} / 1 \mathrm{lb}+11 / 2 \mathrm{oz}$. whole spelt flour

## For the dough:

$1 / 4$ cup / 60 ml lukewarm water
2 teaspoons / 5 g dry yeast
$1 / 2$ cup / 120 ml milk, plain yogurt or water
1 tablespoon / 15 ml molasses or rice bran syrup
4 cups / $500 \mathrm{~g} / 1 \mathrm{lb}+11 / 2$ oz. white or whole spelt flour
1 tablespoon / 18 g sea salt
1 tablespoon / 7 g butter for preparing the pans
1 cup / 120 g hulled pumpkin or sunflower seeds (optional)


1. To prepare the sponge: The night before (or up to four days ahead), make the sponge. Dissolve $1 / 2$ teaspoon yeast in $13 / 4$ cups warm water and allow to stand for 10 minutes, until bubby. Mix in 4 cups of whole spelt flour. Cover tightly and allow to ferment for at least 8 hours. The mixture will rise and fall in the bowl.
2. To prepare the dough: Dissolve 2 teaspoons yeast in $1 / 4$ cup lukewarm water and allow to stand for 10 minutes until bubbly. Add to the starter, along with the yogurt and molasses.

Kneading by Hand: add the flour and salt to the wet ingredients. Stir until the mass is "shaggy" and becomes too difficult to stir. Tip onto a floured surface and knead for 7 to 10 minutes, adding as little flour as possible, until the dough is smooth and elastic. (The dough will be softer and stickier than wheat-flour dough.)

Kneading by Mixer with dough-hook attachment: add the flour and knead on low speed for 4 minutes. Add salt and knead on low speed for one additional minute.

Kneading by Food Processor with 14-cup-capacity: place flour and salt in food processor bowl. With the machine running, slowly pour in liquid ingredients through the opening in the lid, and process until the mixture comes together in a ball. Continue processing for 1 minute.
3. Place the dough in a large, oiled bowl. Cover tightly and allow to rise in a warm, draft-free place for about an hour, until it has risen to $1 \frac{1}{2}$ to $13 / 4$ its original volume. Do not over-rise.
4. Scrape the risen dough onto a floured surface and divide into 2 equal portions. Form into round loaves, dust tops with flour, and place onto buttered 8 " or $9^{\prime \prime}(20 \mathrm{~cm}$ or 24 cm ) diameter pie pans. If you are using loaf pans, butter two pans, approximately 8 " x 4 " x 3 " $(20 \mathrm{~cm} \times 10$ $\mathrm{cm} \times 7.5 \mathrm{~cm}$ ) in size, place loaves in the pans and dust the tops with flour.
5. Slash loaves shallowly, if desired. Slash round loaves in a cross-hatch pattern. For loaves in loaf pans, slash lengthwise down the center of the loaf. Cover loaves with a floured cloth.
6. Preheat the oven to $375^{\circ} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 for at least 30 minutes. Allow loaves to rise until the loaves are $11 / 2$ to $13 / 4$ times their original volume. If using loaf pans, rise until the tops of loaves have risen $1 / 2^{\prime \prime}(1 \mathrm{~cm})$ above the rims of the pans.
7. Bake at $375^{\circ} \mathrm{F} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 for one hour, until the loaves are brown and have shrunk a little from the sides of the pan, or until the internal temperature of the loaves reaches $205^{\circ} \mathrm{F}$ $/ 96^{\circ} \mathrm{C}$. Remove from pans and cool on racks. Bread may be frozen when completely cooled.

## Spelt Bread for a Bread Machine

Makes 1 loaf

## Ingredients

$21 / 2$ teaspoons / $7 \mathrm{~g} / 1 / 4$ oz. dry yeast
1 teaspoon / 6 g sea salt
3 cups / $360 \mathrm{~g} / 12^{3} / 4 \mathrm{oz}$. white or whole spelt flour, or a combination of the two
1 tablespoon / 7 g softened butter
1 tablespoon / 15 ml molasses
$3 / 4$ cup / 175 ml water
$1 / 2$ cup / 120 ml milk, goat milk, soymilk, almond milk, rice milk or plain yogurt

1. Be sure all ingredients are at room temperature.
2. Put the yeast, salt, flour, butter, molasses, water and milk into the machine in that order.
3. Program the machine for 2 rising cycles (normal is 3 ). Press start.
4. Follow machine directions for removing and cooling your loaf.


## Spelt Scones

Makes 12 large scones


## Ingredients

4 cups / $500 \mathrm{~g} / 1 \mathrm{lb}+11 / 2 \mathrm{oz}$ white spelt flour 4 teaspoons / 16 g baking powder
$3 / 4$ teaspoon / 4.5 g sea salt 2 tablespoons / 25 g granulated (caster) sugar $1 / 2$ cup (one stick) / $115 \mathrm{~g} / 4 \mathrm{oz}$ cold butter plus a little for preparing the baking sheets
1 egg, beaten
$3 / 4$ cup / 175 ml milk, buttermilk, goat milk, soymilk or rice milk 1 cup / $150 \mathrm{~g} / 51 / 4$ oz golden raisins (sultanas), tossed with a little flour (optional)
Granulated (caster) sugar for sprinkling on the tops (optional)

1. Pre-heat the oven to $400^{\circ} \mathrm{F} / 200^{\circ} \mathrm{C} /$ Gas Mark 6 . Butter baking sheets or line with baking parchment. Sift together dry ingredients. Cut butter into small pieces and rub into the dry ingredients with your fingers until the texture resembles corn (maize) meal. (At this point, you can store the mix in the freezer or the refrigerator in an air-tight container.)
2. Whisk together the eggs and milk. Reserve 2 tablespoons of the mixture for brushing the tops of the scones. Stir the rest into the dry ingredients until just blended. Do not overwork.
3. If making drop scones, the mixture should have a soft, dropping consistency. Add a little more milk if necessary. Scoop out $1 / 4$ cup ( $1 / 2 \mathrm{dl}$ ) portions of the mixture and drop onto prepared baking sheets about 2 " / 5 cm apart. If making rolled scones, tip the mixture onto a floured board, knead a couple of times, adding a little flour as necessary to make the dough firm enough to shape. Pat into a round that is $1^{\prime \prime}(2 \mathrm{~cm})$ thick. Then cut into wedges or cut out with a 2" ( 5 cm ) round cutter. Lift scones onto prepared baking sheets about 2" ( 5 cm ) apart.
4. Brush tops of the scones with the reserved egg-milk mixture and sprinkle with granulated sugar, if desired. Bake at $400^{\circ} \mathrm{F} / 200^{\circ} \mathrm{C} /$ Gas Mark 6 for $12-15$ minutes, until scones have risen and the tops are golden brown.

## Variations:

## Blueberry - Lemon Scones

Gently stir 1 cup / $80 \mathrm{~g} / 23 / 4 \mathrm{Oz}$. fresh blueberries and the grated zest of one lemon into the dry ingredients before mixing in wet ingredients. Proceed with recipe.

## Cranberry - Orange Scones

Stir in 1 cup / $150 \mathrm{~g} / 51 / 4 \mathrm{oz}$ dried cranberries and grated zest of an orange to the dry ingredients before mixing in wet ingredients. Proceed with recipe.

## Savory Scones

Omit sugar. Stir in $1 / 2$ cup / 1 dl finely grated Parmesan or Pecorino Romano cheese and $1 / 4$ cup / $1 / 2 \mathrm{dl}$ minced chives to dry ingredients before mixing in wet ingredients. Proceed with recipe.

## Spelt Pie Crust

Makes a double crust for a 9 " $(24 \mathrm{~cm})$ pie

## Ingredients

$1 / 4$ cup + 2 tablespoons / $90 \mathrm{ml} / 3 \mathrm{oz}$. sour cream, crème fraîche or plain yogurt 2 tablespoons / 30 ml ice water
1 teaspoon / 4 g sugar
$3 / 4$ teaspoon $/ 4.5 \mathrm{~g}$ salt
1 cup ( 2 cubes) / $230 \mathrm{~g} / 8$ oz. very cold butter
$21 / 2$ cups / $300 \mathrm{~g} / 111 / 4 \mathrm{oz}$. white spelt flour


1. By hand: In a small bowl, combine the sour cream, ice water, sugar and salt until blended. Cut the cold butter into $1 / 2^{\prime \prime} / 1 \mathrm{~cm}$ pieces and toss with the flour. Cut butter into flour with a pastry cutter until the butter is the size of small peas, about $1 / 4^{\prime \prime} / 5 \mathrm{~mm}$ or a little less in diameter.

By food processor: Freeze the butter, then cut into $1 / 2$ inch / 1 cm pieces. Pulse flour and butter in the processor until the butter is the size of small peas. Empty butter-flour mixture into a mixing bowl. (You may proceed to mix in the liquid ingredients and process into a ball, but the finished crust will not be as flaky.)
2. Add the sour cream mixture and toss with a fork just until just blended. Do not over-mix. The dough should stick together when pressed into a ball. If the mixture is too dry, add ice water, a few drops at a time, tossing with a fork, until the dough sticks together when pressed. Do not add too much water or the crust will be tough.
3. Divide the dough in half, and roll halves into balls. Flatten each ball into a disk about 1 " / 2 cm thick. Wrap in plastic wrap, waxed paper or parchment, and refrigerate for one hour before rolling. Scraps are best stacked to re-roll. Dough can be frozen for 4 months in its wrapping in an air-tight container.

## Spelt Yellow Cake

This recipe can be made with $100 \%$ white spelt flour or a mixture of spelt flour and arrowroot starch. The secret to a tender crumb is to not over-mix the batter. Long beating develops the gluten in the flour and makes your cake tough. Having all of the ingredients at room temperature is also important. I am not fond of an overly-sweet cake and have made this recipe with as little as 1 cup of sugar.

Makes two 9" (24 cm) layers

## Ingredients

1 cup (2 cubes) / $230 \mathrm{~g} / 8$ oz. butter, softened to room temperature, plus more for preparing the pans
$11 / 2$ to 3 cups / 300 g to $600 \mathrm{~g} / 101 / 2 \mathrm{oz}$. to 21 oz. granulated sugar
6 eggs at room temperature
1 teaspoon / 5 ml vanilla
3 cups / $360 \mathrm{~g} / 123 / 4 \mathrm{oz}$. white spelt flour
2 teaspoons / 8 g baking powder
$1 / 4$ teaspoon / 1.5 g salt
$1 / 3$ cup / 80 ml milk, goat milk, soymilk, almond milk, rice milk or water


1. Pre-heat the oven to $350^{\circ} \mathrm{F} / 180^{\circ} \mathrm{C} /$ Gas Mark 4. Butter two $9^{\prime \prime} / 24 \mathrm{~cm}$ round cake pans. Line the bottoms with waxed paper or baking parchment. Butter the paper or parchment; then flour the pans with a little spelt flour.
2. In a mixing bowl, combine the sugar and butter. Beat with a mixer until light and fluffy. Beat in the eggs, one at a time; then add the vanilla.
3. Sift together dry ingredients. Add and blend in the dry ingredients, alternating with the liquid, scraping down the sides of the bowl, beating on low speed until the mixture is smooth and thoroughly combined.
4. Divide batter between cake pans. Smooth the tops with a spatula to level. Bake at ${ }^{\circ} \mathrm{F} / 180^{\circ} \mathrm{C}$ / Gas Mark 4 for 25-35 minutes, until the cake has come away from the sides of the pan and a tester or toothpick, inserted in the center, comes out clean.
5. Cool in pans for 5 minutes. Then turn out onto racks and carefully peel off the paper bottoms. Allow to completely cool before frosting.

## Variations:

Cake-Flour Equivalent Version - White Spelt \& Arrowroot or Cornstarch
Use $21 / 3$ cups +1 tablespoon $/ 290 \mathrm{~g} / 111 / 2$ oz. white spelt flour sifted with
$1 / 2$ cup +3 tablespoons / 70g / $21 / 2 \mathrm{oz}$. arrowroot or cornstarch

## Chocolate Cake

Use $21 / 2$ cups / $300 \mathrm{~g} / 121 / 2 \mathrm{oz}$. white spelt flour, sifted with $1 / 2$ cup / $40 \mathrm{~g} / 11 / 2 \mathrm{oz}$. cocoa powder, preferably dark, Dutch-processed cocoa

## Spelt Drop Cookies

Drop cookies are very easy to make and sure to please. Confectioners, powdered sugar gives the best texture; granulated (caster) sugar can be a little gritty. Use any combination of dried fruit, nuts, even coconut. For a more cake-like texture, reduce the butter to half a cup (115 g).

Makes 2 dozen cookies

## Ingredients

1 cup ( 2 cubes) / $230 \mathrm{~g} / 8$ oz. butter, softened to room temperature
2 cups / $260 \mathrm{~g} / 9 \mathrm{oz}$. confectioners powdered (icing) sugar
2 teaspoons / 10 ml vanilla extract
2 eggs at room temperature
3 cups / $360 \mathrm{~g} / 123 / 4 \mathrm{oz}$. white spelt flour
$1 / 2$ teaspoon $/ 3 \mathrm{~g}$ sea salt

$11 / 2$ teaspoon / 6 g baking powder
1 cup / $150 \mathrm{~g} / 51 / 4 \mathrm{oz}$. raisins, golden raisins (sultanas), dried cranberries, dried blueberries, etc., tossed with a little flour (or other dried fruit, cut into $1 / 4^{\prime \prime} / 5 \mathrm{~mm}$ pieces)
$1 / 2$ cup $/ 50 \mathrm{~g} / 13 / 4 \mathrm{oz}$. chopped nuts (optional)

1. Preheat the oven to $375^{\circ} \mathrm{F} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 . Butter baking sheets or line with baking parchment.
2. In a mixing bowl, beat the butter with the powdered sugar until light and fluffy. Beat in the eggs, one at a time, and the vanilla extract.
3. Sift together dry ingredients. With the mixer on low speed, add the flour gradually and mix until blended. Remove the mixing bowl from the mixer and add the dried fruit. Stir in with a wooden spoon until the fruit is evenly mixed into the cookie dough.
4. Drop heaping tablespoons (dessert spoons) of dough onto sheets, spacing 2 " ( 5 cm ) apart. Bake at $375^{\circ} \mathrm{F} / 190^{\circ} \mathrm{C} /$ Gas Mark 5 for 12 to 14 minutes, until brown around the edges and slightly springy to the touch.
5. Cool on racks. Store in an air-tight container for up to 1 week.

Note: This dough can be frozen in an air-tight container for up to 3 months.

## Variations:

Granulated Sugar version: whisk or beat sugar into the eggs until it is completely dissolved, about 10 minutes; then gradually add the sugar-egg mixture to the softened butter.

## Lemon - Ginger Cookies

Add lemon zest to the butter-sugar-egg mixture before beating in the flour mixture. Omit dried fruit and nuts, and add $1 / 3$ cup $/ 50 \mathrm{~g} / 13 / 4 \mathrm{oz}$. finely minced candied ginger, tossed with a little flour.

## Cranberry - Pecan Cookies

Use dried cranberries for the fruit and pecans for the nuts. Press a pecan half into the top of each cookie before baking.

## Resources

A great resource for spelt flours is your local natural foods retailer. Most natural foods stores carry whole spelt flour. Many also carry white spelt flour, or they will special-order it for you. Here are some of the online resources:

## Arrowhead Mills

The Hain Celestial Group, Inc.
4600 Sleepytime Dr.
Boulder, CO 80301
(800) 434-4246
www.arrowheadmills.com
Recipes, online store and suppliers list. Their organic grain products are available in most natural food stores.

Vita-Spelt Organic Food Products
Purity Foods
2871 W. Jolly Road
Okemos, MI 48864
(800) 997-7358
www.purityfoods.com
The gold-standard in organic white and whole spelt flour. Online store, recipes and suppliers list.

## Bob's Red Mill

13521 SE Pheasant Court
Milwaukie, OR 97222
(800) 553-2258
www.bobsredmill.com
A nice variety of hard-to-find flours, grains and gluten-free mixes. Online store, recipes and suppliers list. Available in most natural food stores and health food sections of major grocery chains.

## Barry Farm Foods

20086 Mudsock Road
Wapakoneta, OH 45895
(419) 741-0155
www.barryfarm.com
A terrific (if a little clunky) online store for all kinds of baking products, including spelt and rye "berries" and flours, nuts, seeds, dried beans, spices, flavorings and more. Great customer service.

Nuts Online<br>125 Moen Street<br>Cranford, NJ 07016<br>(800) 558-6887<br>www.nutsonline.com

A dizzying array of dry goods. Many organic products at reasonable prices.

## Amazon.com

www.amazon.com
It pays to search on Amazon for spelt flour and snacks. Occasionally, excellent prices pop up, especially if you're willing to order in quantity. Be sure to calculate shipping into your price comparisons.

San Francisco Herb Company<br>250 14th Street<br>San Francisco, CA 94103<br>(415) 861-7174<br>www.sfherb.com

A great resource for bulk baking supplies. Excellent prices on spices, herbs, arrowroot and whole vanilla beans. Hard-to-find dried items like sliced ginger, citrus peels, onions and even dried leeks. If you like to grind your own spices, this is your Nirvana. Lots of cheap containers too, like gallon-sized plastic jars with lids.

## iHerb.com

5012 4th Street
Irwindale, CA 91706
(866) 328.1171
www.iherb.com
Free UPS Ground shipping on orders over \$40!!! Incredible prices on supplements and natural cosmetics. iHerb.com also sells Bob's Red Mill, Now Foods and Arrowhead Mills products online, along with many other food products, including spelt snacks and gluten-free foods.

