



Soda (PET) bottle bird feeder with a roof



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updated 26. 11. 2023 | published 26. 11. 2023

Summary

A simple yet stylish soda bottle bird feeder, adapted for rainy environment, such as Norway or UK.

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A simple yet stylish soda bottle bird feeder, adapted for rainy environment, such as Norway or UK. The roof and extra heavy duty drainage are especially important there. Smaller food may fall through the drainage, but that is no issue for sunflower seeds, which is the only thing I fill this with.

The raisers can be used to fine tune the feeder to the bird species: with 0 risers, it is good for the smallest tits only, with 1 raiser it is for sparrows, larger tits and robins, with 2 it is also suited for finches and such.

The funnel makes it much easier to fill the bottle.

To hang this, use any of the hooks you can easily find, or just a scotch tape and a cord/shoe lace, which is what I do.

If you have issues with humidity and subsequent freezing of the grains near the bottom (that has happened to me), it is probably because the

water gets in near the thread. Use adhesive and fill y unscrewing the bottom part.

Print Settings

Printer Brand:

Creality

Printer:

Ender-3 S1 Pro

Rafts:

No

Supports:

No

Resolution:

0.24

Infill:

15%

Filament: PM Filament PLA+ C479 skin

Notes:

I used 0.6 nozzle for everything but the roof, the roof looks best on higher resolution, such as 0.4 x 0.16. I used a bit higher temperature than typical, since there are no demanding overhangs, but I want it to be extra strong.

PLA is good for northern Norway, but if you want to use this in warmer climate in summer, use proper material.

The riser is extra nice if printed transaprent, since it allows for a bit more light.

How I Designed This

I wanted a simple yet stylish soda bottle feeder, I found an amlost perfect one (<https://www.thingiverse.com/thing:1710755>) and made drainage a bit bigger. I found the adorable roof (<https://www.thingiverse.com/thing:3816181>) and some soda bottle threads and remixed everything in Tinkercad.

Category: Outdoor & Garden

Model files



riser.stl



base.stl



roof.stl



funnel.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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