

# Homes for Gnomes



Since the release of the film '*Gnomeo and Juliet*' in 2011, garden Gnomes have become popular once again. However, due to overcrowding, many Gnomes have left their gardens and returned to Gnomeland. This has increased the demand for land to build Gnome homes upon.

The Ministry of Eco-Gnomics sells lands for home building in square or rectangular plots. The smallest plot we can sell is 1 square metre. Each square metre costs 5 gold pieces (GP).

For a your privacy, the Ministry will plant a hedge around the perimeter of your plot of land. The cost of a hedge is 2 GP per metre.

**Please refer to our price guide to select the size and shape of the plot of land which best fits your budget. Our Gnome Home advisor Grimble Kromble will be happy to assist you when you visit our sales visit.**

**We look forward to seeing you.**

Hello

My name is Grimble Kromble. I work in the Gnome Home Sales Office in the Department of Eco-Gnomics. I need your help urgently. I have lost the pricing information chart that I show to customers. It shows the cost of different size plots of land.

I haven't been working here long and have no idea how to make a new one.

Can your team provide a price guide showing the costs and shapes for plots with areas of 4, 6, 8, 10, 12 and 16 square metres.

- Each plot design must be a square or rectangle.
- You must have at least 2 different designs for each size plot.
- Designs should be drawn on squared paper.

For each design you should provide a breakdown of costs.

- You must show the cost of the land.
- You must show the length and cost of the perimeter hedge.
- You must show the total cost of the land and hedge.

The guide could be a book, leaflet or large chart...as long as it looks like a professional job!

I have attached a sales flier which contains more information you might need.

Thanks in advance

Grimble :-)

P.S. Apparently, rectangular and square pieces of land are the best value for money. I can't remember why. Could you draw some different shapes which have the same area as some of your designs and explain why they are not so cost effective as squares and rectangles.

P.P.S. It would be grateful if you could come up with a formula to help me work out the total cost of any square or rectangular plot...just in case I have requests for sizes bigger than the ones in the price guide.