My dad has been using aged juniper compost in his garden for over a year, and I thought that testing if it actually improved the growth of plants would be helpful not only to him but to all gardeners who also use it. After collecting juniper compost and soil I made five different mixtures to plant Austrian Field Peas in. I grew the plants for six weeks in the different soil/compost compositions. My results indicate that aged juniper compost can indeed improve plant growth in concentrations of no more than 50% compost/50% soil. My conclusion is that aged juniper compost is a useful amendment to soil; however, more testing needs to be done to be sure.