

HOP APP

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The problem being addressed is the current method of planting training lines into the ground for the growing of hops. The current method is labor and time intensive. The goal of the project is to improve the tool used to insert steel w-clips to hold the lines in the ground. A retractable plunger and reloading magazine integrated into the tool will reduce the individual w-clip reloading time required for planting the training lines, while also making the process more ergonomically efficient. The clips themselves are being improved by 3-D printing with a biodegradable plastic. This increases the uniformity of the clips and decreases the environmental impact of the process.

