

Project/Technology Name: Quinoa processing machine

What it is: A machine that reduces the time required to process quinoa. This machine was created in Bolivia as a project of Bioversity International, in an attempt to increase nutrition and quinoa biodiversity

How it works: The machine mimics the treading and winnowing work done to mill quinoa.

Requirements for implementation: **The machine costs around US\$600 to US\$800, and is generally too expensive to individual families, but could potentially be ideal for a community to invest in, an approach Bioversity International has already pioneered in India.**

Results/Effectiveness: The machine reduces quinoa processing time from 6 hours to 7 minutes (time required to process 12kg of quinoa). According to Bioversity International, the quinoa produced was acceptable to the people of the quinoa processing communities, who were even willing to pay to use the mill.

More information can be found at:

<http://news.bioversityinternational.org/index.php?itemid=1812>

<http://www.underutilized-species.org/features/quinoa.htm>



Quinoa processing machine in action



Local community studying new machine