

BICIDESGRANADORA DE MAIZ



8/1/2017

User Experience Report

E4C user experience reports are meant to capture the user perspective from the field in the technology for development space.

Bicidesgranadora de maiz

USER EXPERIENCE REPORT

“We like it because it is easy to use, it is better than shelling the corn manually. We can shell up to 2,000 pounds a day.”

“Nos gusta porque es fácil de usar, mejor que desgranar a mano. Podemos desgranar hasta 20 quintales al día.”

FACTS

[Interviewee and son using the product]



User: End user. The product is used by kids, women, men or young men in the rural area. It can be used in group, where the whole family helps taking turns to pedal.

Location of the interviewee: Chimaltenango, Guatemala. Rural household

Interview Language: Spanish translated by interviewer

Interview Date: July 2017

“Before it would take one week to manually shell 1,500 pounds of corn, with the Bicidesgranadora de maíz you can shell between 1,500-2,000 pounds in one day.”

Interviewee

User provision

The family got the product as a donation from Bicitec students, they worked on it as a project and donated materials and time. It can be bought from Bicitec for Q2,000 (US \$278).



INTERVIEW QUESTIONS:

Example of 8 questions. Remember that the range of questions should be from 6 to 8. Include picture as you see fit. If you want more quotes duplicate any of the 2 boxes presented above. Follow the same format.

- How long have you been using the product?
"3 years"
- How frequently do you use the product?
They use it intensely once or twice a year depending on when and how much corn is harvested
- How long do you use this product in a day?
"Usually from 8:00 am to 3:00 pm stopping for lunch"
- What products were you using before?
Before the corn was shelled by hand



- How long did the shelling take before?
"We would spend a week to shell 1 500 pounds"
- How long does it take now, with the bicidesgranadora?
"We can shell 1 500-2000 pounds in one day if everyone in the family helps"
- How do you use it?
It can be used with one person pedaling and the other feeding the corn. Normally the whole family helps, one member of the family pedals the bicidesgranadora, the second one feeds the corn, the third collects the cobs and removes any remaining kernels, the fourth one collects the kernels that fell off the bucket. They take turns to do the pedaling.



- Would they recommend it to friends? Why/why not?
Yes, they have told friends, neighbors and some family members that live in another village. The neighbors have already asked Carlos (from Bicitec) for one.
- What things would you change? Suggestions for designer?
They would change the seat because as they pedal they slide off, so they would change the angle and make it more comfortable.

[Video available of product being used](#)