

ACADEMIC INSTITUTION	Southern Alberta Institute of Technology
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PROJECT NAME	Seedology
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NEED AND AUDIENCE



Seedology aims to help address the growing concern of food shortages in the community by empowering our volunteers and those who we have helped. We reached out to two non-profit organizations to see their own challenges amidst the pandemic. Cobbs Adventure Park provides Kangaroos, Alpacas, and other farm related animals. They rely on food donations from local grocers to ensure their animals are properly fed. The Leftovers (Rescue Food) Foundation, which delivers food to families across Calgary, also faced hardships on barely getting food donations throughout the pandemic.



ACTION TAKEN

- We partnered with Cobb's for land space to grow our produce, and in turn would contribute a portion of the output to supplement the animals feeding needs.
- We fenced our garden area to protect from intruders, weed the beds for the most optimal growing conditions. And we capitalized on using only rainwater to feed our garden and ensured no chemicals, pesticides, or system water was used in our grow season.
- Cobb's Adventure Park was incredibly responsive with our donation of vegetables and has given us leeway to expand our grow area to suit our goals for the next year by nearly 70%.
- Leftover Foundation was incredibly pleased with our donations as well and are looking forward to working with us continually in the coming years.

IMPACT

- Pounds of Vegetables Created/Grown: 120 lbs
- Litres of Water Conserved: 9642 Litres
- Co2 emission saved 720 lbs
- Directly Impacted 15

STANDARD METRICS

(These metrics are related only to the project presented and represent work done since May 2020)

Litres of water conserved	9642 litres	Metric tonnes of waste diverted	0
GHG emissions diverted	720 lbs	Dollar value of waste diverted in CAD \$	\$0
PROJECT START DATE	May 25 th , 2020	IS THIS PROJECT WHOLLY OWNED AND OPERATED BY THE TEAM?	YES