

Given is a diagram illustrating the involved steps of sugar production from sugar cane.

Overall, producing sugar includes various stages, which can be divided into processes in farm and some related devices for the production procedure.

The process starts when sugar cane after 12 to 18 month passing from planting, are ready to be harvested. Harvesting stage can be done by two approaches, one of which is deploying farmers and the other is to utilize modern automatic machines.

Passing the harvesting step, sugar cane are crushed to generate juice, which is purified by using a limestone filter. The pure juice, in the next step, converts to syrup by using an evaporator and heat. The obtained syrup is fed to a centrifuge in order to separate sugar crystal from it. Eventually, the sugar is manufactured after drying and cooling procedure.

On the whole, sugar canes go through various stages including generating liquid, being evaporated, and finally re-solidified to obtain sugar.