

Third Laureate Research & Development



- ◆ **Project title:** Multi purpose plow machine
- ◆ **Researcher:** Abbas Mahdi zadeh

Abstract:

Designing and producing the first simultaneous fertilizer, namely Bagh Varz in Rafsanjan, included three inventions: 1- Mini-Bulldozer Truck, 2- Garden Channel Digger, 3- Simultaneous Fertilizer, began in 2002 and completed in 2010. In addition to channel digging with dimensions of 40 cm in width and 60 cm in length, this machine can perform fertilization operation of gardens including channel digging, animal and chemical fertilizers, and in-time filling with average speed of 250 m/h without operator.

Since this operation was executed manually or via heavy tools with high costs causing damages to land and root of trees, this machine removes the problems in this case.

This machine can be used in gardening affairs including hoeing, pruning, pollarding, and especially garden pistachio huller.

Therefore, all processes of design, production and manufacture of this machine (except engine) have been performed in Iran, and I present it to all Iranians proudly.

