ABSTRACT


35 pages, with appendix 47 pages, 12 figures, 3 tables, format A4. In Estonian language.

The aim of the current paper is to reconstruct a seeder Juko K2 in order to adjust it for using in an organic farming company. The main objectives of the project are to enlarge the seed container 3 to 3.5 times and to find the replacement to the exhaustible plough-type drill. The special consumption of the seeder is calculated and the replacement drills are compared on the basis of the consumption. The best results were achieved with a disk-type seed drill constructed in Russia. Reconstructing the seed container is definitely worth of the effort.

Key words: seeder, plough-type drill, disk-type drill, special consumption, reconstruction, organic farming, seed container.