

The invention refers to agriculture, namely to the manual agricultural seeding equipment. The problem the invention resolves consists in the simplification of the construction and extension of functional possibilities. The manual seeder includes a frame 1, onto which it is installed a bunker 2, a driving wheel 3, a driven wheel 4, a seed guide 5 with the furrower 6 and a chain 7. Into the bunker there is installed a rotor with brushes 8, a disk for drilling distance fixation 9, a seed calibration disk 10, coupled by means of a lever 11 and a plate 12 with the clapper-valve 13 which, in its turn, is additionally coupled with the frame by means of a spring 14 and a holder 15. Between the bunker 2 and the seed guide 5 there is a seed cell 16. Onto the frame 1 there are also fixed a marker 17, its handrail 18, handles 19 made regulable depending on the worker's height, as well as the marker's holder 20. The disk for drilling distance fixation is regulated with the help of a nut 21. The rotor with brushes is kinematically fixed by means of a chain gear 22 to the driving wheel 3. The manual seeder operates in the following way: during the rotation of the driving wheel 3, by means of the chain gear 22, there rotates the rotor with brushes 8 and the disk for drilling distance fixation 9. Into the back wall of the bunker there is made a hole, through which the rotor with brushes 8 pushes the seeds depending on the chosen seed calibrating disk. The seeds, through the seed cell, penetrate into the seed guide 5, then into the furrow made by the furrower 6. The free chain 7 covers up the seeds with earth, and the driven wheel 4 partially rams it.

Claims: 2

Fig.: 3

