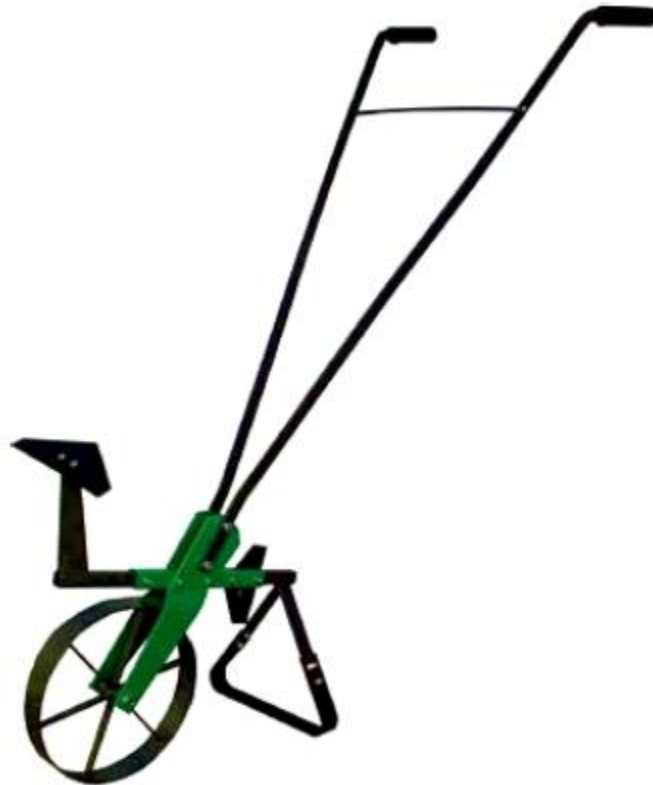




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Manual cultivator KR -1



Technical description and operating instructions

1. General

- 1.1. This cultivator is a universal agricultural tool that allows you to perform necessary activities when growing vegetables and other bulb and root plants.
- 1.2. The product is constructed on a modular basis - The universal basic frame is equipped with the special units, which perform specific technological operations. The frame construction allows to use several assemblies simultaneously.
- 1.3. Applying the supporting wheel provides the necessary and permanent depth of loosening, it also protects the roots of damages.
- 1.4. Manoeuvrable during work, it does not require any significant physical efforts.
- 1.5. The cultivator can function both in the direct and reverse motion mode. It can clean itself during work.

NOTE!!!

The quality of agricultural works performed with the use of the cultivator depends on the skilful handling of it, or skills and practice experience of the operator. It is not allowed to work using the cultivator, if woody weeds occur with a diameter of more than 2 cm.

2. Product specifications

- 2.1. The daily load per one worker equipped with a cultivator is the following:
 - Daily load - 0.5 ha (8 times more efficient than manual processing spaces between rows).
- 2.2. Spaces between rows of vegetable crops - from 13 to 20 cm wide with one pass. In addition, you can buy a 320 mm wide coulter.
- 2.3. Weight of the set without accessories - no more than 6 kg.
- 2.4. The following agricultural operations can be performed with the cultivator:
 - weed destruction at a depth of 0.5-3 cm at various soil surface (folds, even beds, irrigation channels);
 - soil cultivation, scarifying the surface crust;
 - soil treatment at facilities.

3. The order of the product assembly

- 3.1. Prepare all elements included in the kit and place them on the table. The delivery includes: holders with strut 5, coulter bracket 7, stirrup bracket 2, small coulter 3, large coulter 6, band stirrup 1, set: wheel stand 4, small link of base frame 8, wheel 9 (Fig. 1), user manual.
- 3.2. Remove the cultivator knives (coulters or stirrup) from the wheel.
- 3.3. Fasten the product handles and adjust to the height of the worker.
- 3.4. Attach the cultivator knives to the appropriate brackets. Attach one of the coulters to the small frame link.

3.5. Install brackets with the knives in 5 corresponding holes of the small link of the base frame 8 (Fig. 1), which are evenly distributed on the frame. If the holes in the link and the bracket are matched, fasten the parts with the screw and nut. Stirrup is installed on the cultivator as shown in Photo 1. By changing the length of the small link of the basic frame 8 when the coulters are mounted, the angle of the coulters' inclination to the soil can be changed, which affects the ability to crush the soil (photos 2, 3).

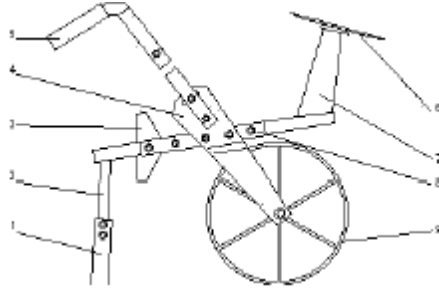


Fig. 1



Picture 1



фото 2

Photo 2



фото 3

Photo 3

4. Technical data of the main technological units

Stirrup assembly - processing of spaces between rows with soil loosening and weed destruction. Depth of immersion in the soil 0.5-3 cm. Performs work in two directions (forward and back), self-cleaning.

Coulter - destroys the crust on the surface of the soil, cuts the root necks of especially large weeds, very comfortable (especially in the return movement) in the fight against weeds that have grown up in the row of crops. Processing depth up to 4 cm.

When buying a seed drill for fine-seed crops SMK-2 ... 5 and a support (Photo 5), a KPA-2 ... 5 tricycle seed drill can be assembled on the basis of KR-1 cultivator. At the same time, the seed drill angle is determined by the small linkage of the basic frame 8 (Fig. 1) as shown in Figure 6, where the screw

with nut 1 is installed below the link, without using its opening.



Photo 5



Photo 6

Product technical service, product storage rules

Maintenance - cleaning of working parts, wheels of adhering dirt. Once a month remove the cotter pin from the wheel axle, remove the wheel, clean the axle and wheel sleeve from the old grease and apply a new layer of any machine, tractor or commercial technical thick grease.

Storage - carry out maintenance, apply technical grease on the working parts. Store in a room or in the outside and protect against moisture. If the above principles of technical maintenance and storage are violated, the manufacturer is not responsible for the work of the product.

It is not recommended to use the machine on uncultivated, set-aside, stony soils, next to adjacent roots of bushes and trees, in order to avoid damage to suspended equipment

The manufacturer reserves the right to make changes to construction of manufactured machines.



Product information.

This cultivator is made in accordance with the drawing.
Manufacturer CzP NPK Rosta

Manufacture date « ___ » ___ 20 ___ y.

Shipment date « ___ » ___ 20 ___ y.

Sent _____