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The invention relates to the universal small-size shredders for fodder preparation, which provide for the processing of different types of agricultural products at the small farms.

The device for shredding contains a base, means for loading and unloading of the product, a shredding chamber provided with a bottom in the form of sieve with calibrated orifices, a vertical shaft with drive, onto which there are fixed flat, knives, placed parallel to the sieve at a distance of 3...8 mm above it, having from the front and from behind according to the direction of rotation longitudinal bevels with cutting edges, placed at an angle of 26...30° with the planes of the knife, at the same time, from behind the bevels are placed above the knife, and from the front – above or below the knife. The product loading means is made removable in the form of hopper for root-crops loading, in the form of hopper for grain loading and of tube for corn cobs and stems feeding, and the unloading means represents a double bottom plate, installed under the sieve, made mobile in vertical direction, equipped from below with screw stops, inside which onto the shaft there are installed impeller blades, at the same time the drive of the vertical shaft is installed below, the shredding chamber is equipped with a demountable cover, and the sieve is made of two parts with the possibility of assembly and disassembly thereof.

The result of the invention consists in the creation of a universal, small-size, compact shredder, usable at the small farms.

Claims: 6

Fig.: 10