

TRENDS IN DEVELOPMENT OF REMOVING VEGETATION FROM DEPTHS OF MILLENNIA AND UNTIL TODAY

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Abstract. *Given in the historical development of tools and mowers besplptnoe cutting vegetation, are systematized types of rotary mowers for fodder (green forage, hay and silage, as well as mowers for vegetation on roadsides, slopes and drainage channels and removing vegetation that is in the channels of irrigation and drainage canals, gardens, lawns and the like.*

Rotary mower with a vertical axis of rotation of rotor and in future will be widely used in mowers and mower-plumilla hay and haylage, as those who steadily carry out the technological process, regardless of the state of grass at high forward speed 15 km/h or more. Wide application will become in the future a rotary lawn mower for mowing vegetation on slopes, drainage channels, watercourses drainage channels, floating mowers, roadsides, cultivation of hayfields and pastures, walking and riding mowers in backyards, in cities for flower beds and the like.

Experience in use of rotary mowers shows that the most effective are the rotors elliptical in shape, with point of view of overlapping areas of cut. To avoid re-cutting of cut grass, thereby reducing yield losses, appropriate knives arcomage or rectangular shape with curved end portion. In pursuit of new there is need to search for effective cutting apparatus, in which the knives in area of idling out of cutting zone.

Key words: *trend, development, cutting, plant*