

4ZG-2.1芦竹收获机的研制

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关键词: 芦竹收获机 技术参数 工作原理

摘要: 针对芦竹收割条件复杂、人工收割效率低、劳动强度大的生产实际, 研制了适应芦竹机械化收割的4ZG-2.1型芦竹收获机, 重点解决了芦竹的收割、输送、分禾和收获机与拖拉机挂接等问题, 经田间试验和生产考核表明, 研制的芦竹收获机具有液压操作便利、锯齿型切割器工作可靠、切割芦竹铺放有序, 且能实现自走式宽幅作业等显著特点。Based on complicated harvesting conditions, low efficiency of manual work and heavy laboring intensity in Arundo donaxl production, type 4ZG-2.1 Arundo donaxl harvester has been investigated, some key technologies such as harvesting and transportation and disjoining crops of Arundo donaxl and hitching device with tractor have been solved. The results showed the Arundo donaxl harvester has remarkable characteristics of convenient hydraulic pressure system, reliable saw-tooth type cutter and stalks ordinal spreading, self-propelled style with wide-coverage working. It has important practical value in lightening laboring intensity, improving efficiency and ensuring to increase production rate and economic benefits of planting fields by mechanization harvesting for the Arundo donaxl

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