

a 2019 0061

The invention relates to agriculture and can be used for cultivating tall-stemmed sweet sorghum varieties.

The process for cultivating tall-stemmed sweet sorghum plants includes soil preparation, band double-row sowing or planting of seedlings with a distance between rows of 15-25 cm and a distance between bands of 90-130 cm, cultivation and mechanized harvesting. The process allows of drip irrigation, removal of leaves from stems, drying of plant biomass on the vine, mechanized harvesting in sheaves.

The process provides for the thickening of the stems, increase in the intensity of natural illumination of sorghum plants, leaf surface index, biomass yield, proportion of leafless stems and sugar content in juice.

Claims: 7

Fig.: 2