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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 cultivation of plants by band double-row sowing, with a distance between rows of 15-25 cm and a distance between bands of 90-130 cm. The option of cultivation by planting seedlings with 6-8 developed leaves is also provided. Sowing of sweet sorghum seeds is carried out by seeders, allowing of band double-row sowing. The process allows of drip irrigation, inter-row loosening, introduction of fertilizers and biostimulants, removal of leaves from stems, drying of plant biomass on the vine, mechanized harvesting in sheaves.

The process provides for an 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