

## INVENTORY OF SACCHARINE SORGHUMS.

For several years past the Division of Chemistry of this Department has been conducting experiments in the culture of sorghum, particularly with a view to the increase of the sugar content by the selection of seed after analysis of the fresh juice of individual canes. The improved seeds are to be made available to the experiment stations and to the interested public through the Section of Seed and Plant Introduction. Distribution is to be conducted in accordance with the following numbered list, the publication of which is expected to serve the double purpose of use in the form of labels, and as a convenient means of reference to the numbers in connection with the work of planting and experimenting with the resulting crop.

O. F. COOK,

*Special Agent in Charge of Seed and Plant Introduction.*

WASHINGTON, D. C., April 10, 1899.

### INVENTORY.

#### 2283. ANDROPOGON SORGHUM.

#### Sorghum.

Grown at Medicine Lodge, Kans., 1898. Seed selected by the Division of Chemistry, United States Department of Agriculture, after analysis of the fresh cane juice.

Variety, "Early Amber." Average of analyses: Total solids, 22.0-22.4 per cent; cane sugar, 16.0-16.6 per cent; coefficient of purity, 73.1-74.3; reducing sugars, 1.70.

#### 2284. ANDROPOGON SORGHUM.

#### Sorghum.

Grown at Medicine Lodge, Kans., 1898. Seed selected by the Division of Chemistry, United States Department of Agriculture, after analysis of the fresh cane juice.

Variety, "Early Amber." Average of analyses: Total solids, 20.6-22.0 per cent; cane sugar, 14.9-15.9 per cent; coefficient of purity, 72.1-74.6; reducing sugars, 1.76-2.13.

#### 2285. ANDROPOGON SORGHUM.

#### Sorghum.

Grown at Medicine Lodge, Kans., 1898. Seed selected by the Division of Chemistry, United States Department of Agriculture, after analysis of the fresh cane juice.

Variety, "Early Amber." Average of analyses: Total solids, 20.2-20.8 per cent; cane sugar, 14.2-15.0 per cent; coefficient of purity, 70.7-72.9; reducing sugars, 1.82-2.05.