

36551 to 36560. MEDICAGO SATIVA L.**Alfalfa.**

From Poona, India. Presented by Rao Sahib G. K. Kelkar, Extra Deputy Director of Agriculture. Received November 3, 1913.

Description by Mr. Gammie, Imperial Cotton Specialist, taken from Mr. Forster Main's letter dated April 4, 1913.

"From botanical examination it seems that the specimens do not show practically any appreciable difference, the only slight differences which were noticed being the more or less hairy nature of the leaves, the prominent or obscure toothing of their margins, the greater or less emargination of their tips and the smaller or larger size of the same."

36551. "(No. 1.) Grown at Ganeshkhind Garden from seed obtained from Manavadar. Has small obovate-cuneate leaflets three-fourths to 1 inch long by one-fifth to one-fourth inch broad, hairy on the under surface, midrib, and nerves, with the apex emarginate and retuse."

36552. "(No. 2.) Grown at Ganeshkhind Garden from seed obtained from Rajkot. Has less hairy leaflets with less prominent teeth."

36553. "(No. 3.) Grown at Ganeshkhind Garden from seed obtained from Palitana No. 1. Teeth of leaflets more prominent."

36554. "(No. 4.) Grown at Ganeshkhind Garden from seed obtained from Palitana No. 2. More or less like Manavadar No. 1. (S. P. I. No. 36551.)"

36555. "(No. 5.) Grown at Ganeshkhind Garden from seed obtained from Bhownugger. Less hairy, large leaflets $1\frac{1}{4}$ to $1\frac{1}{2}$ inches long by one-fourth to one-half inch, oblanceolate, less emarginate, teeth rather obscure."

36556. "(No. 6.) Grown at Ganeshkhind Garden from seed obtained from Bhownugger (Umralla). Teeth of leaflets prominent, leaflets small, hairy, less emarginate. The flowers showed no difference."

36557. "(No. 7.) Grown at Ganeshkhind Garden from seed obtained from Bhownugger (Godhra). Teeth of leaflets prominent, leaflets small, hairy, less emarginate."

36558. "(No. 8.) Grown at Ganeshkhind Garden from seed obtained from Bhownugger (Botad). Leaflets small, teeth prominent."

36559. "(No. 9.) Grown at Ganeshkhind Garden from seed obtained from Bhownugger (Kundla). Leaflets small, teeth prominent."

36560. "(No. 10.) From Junaghar. A new sample for your trial."

36561. ROLLINIA ORTHOPETALA A. DC.

Seeds from S. P. I. No. 22512 grown at the Plant Introduction Field Station, Miami, Fla., in 1912. Received November 6, 1913.

"From its behavior at Miami this tree promises to be a success in south Florida. It should be tried on the edge of the Everglades. Mrs. Fairchild and I both found the fruit delicious." (*David Fairchild.*)

See S. P. I. No. 27579 for previous introduction and description and Plate I for an illustration of a fruiting branch of this tree.

36562. ANNONA CHERIMOLA × SQUAMOSA.

Grown at the Plant Introduction Field Station, Miami, Fla., from Garden No. 1803, tree B. Received November 3, 1913.

"A fruit resulting from the cross of S. P. I. No. 26731, *Annona cherimola*, ♀, and S. P. I. No. 26741, *Annona squamosa*, ♂. I made this cross in May, 1910. The work was done between five and six o'clock in the evening, as you know *squamosa* pollen is ripe at that time. The petals of the *cherimola* were forced open and the pollen dropped in." (*Simmonds.*)