Two superior chickpea varieties developed by genomics assisted breeding

Pusa Chickpea 10216

Pusa Chickpea 10216" is a drought tolerant variety developed by Chickpea Breeding & Molecular Breeding team from ICAR- IARI in collaboration with genomics team from ICRISAT.

The variety has an average grain yield of 1447 kg/ha with over 11% yield superiority over the recurrent check variety Pusa 372 under moisture stress condition of central zone of India.

The average maturity duration of this variety is 110 days and it has an excellent grain colour and weighs around 22.2 g per 100 seeds.

It is moderately resistant to fusarium wilt, dry root rot and stunt diseases of chickpea and has been identified for release in Madhya Pradesh, Maharashtra, Gujarat and Bundelkhand region of Uttar Pradesh.

Super Annigeri 1

"Super Annigeri 1" has been developed by University of Agriculin collaboration with from ICRISAT.

Super Annigeri-1 variety has an average grain yield of 1898 kg/ha and has recorded about 7% increase in yield over Annigeri-1 and is highly resistant to Fusarium wilt disease, an important yield reducing factor in South India.

This variety has an average maturity period of 95-110 days and has semi-erect plant type and attractive seed size of 18-20 g per 100 seeds.

The variety has been identified for release in Andhra Pradesh, Karnataka, Maharashtra and Gujarat.

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