

# SENSAKO presents oilseed winners to the market



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*As a proudly South African company, Sensako aims to develop competitive seed products for the local market in a bid to help keep producers profitable. The well-known brand is making its return to the summer crop market with three adapted SSS soya bean cultivars and the Clearfield sunflower hybrid SY 3970 CL.*

The soya bean cultivars recently released by Sensako for production in South Africa, originate from the breeding programme of Argentina's Estación Experimental Agroindustrial Obispo Colombres (EEAOC) – the country's oldest agricultural research station. It was established in 1909 with the aim of improving and supporting agricultural production in the Tucumán province through research and extension services.

## Development of soya beans

Since its inception, the institution has been playing a major role in the development of new crops for the area. Today, EEAOC continues to introduce quality cultivars for several production areas through ongoing and effective research by its team of experts.

The cultivars and advanced breeding lines developed by EEAOC were extensively tested in statistical trials in the local soya bean production areas over time. The Sensako trial programme is visited annually

by the EEAOC research team to evaluate statistical trials and seed production.

Soya bean cultivars (indeterminate growers with Roundup Ready resistance) released from the programme have excellent agronomic characteristics, different maturity groupings (6,0, 5,8 and 5,2) and can adapt in different environments.

Independent results from commercial strip trials, in conjunction with several study groups and farmers' associations, have also confirmed the exceptional yield performance, adaptation, stability and stress tolerance of these winning cultivars.

## Three adapted cultivars available

The range of SSS cultivars produced competitive yields compared to the control cultivars across all production seasons. Seed of these cultivars is commercially available for planting.

**SSS 6560tuc** – exceptional yield potential and adapted for warmer irrigation areas. Long grower, bush-like cultivar with exceptional yield potential adapted for the warmer irrigation, moderate and cooler areas as well as dryland production. Well suited for wider row widths.

**SSS 5052tuc** – stable and adapted high-yield potential cultivar for dryland and irrigation. A bush-like but more upright cultivar with good lodging resistance and resistance to shattering.

**SSS 5449tuc** – Eastern Highveld winner, adapted for high yield potential in the cooler dryland and irrigation areas. Semi-bushy cultivar with excellent

pod height and lodging resistance, as well as good resistance to shattering. Well suited for narrow row spacings.

Cultivar and growth class must be selected for maximum utilisation of the two main yield determining aspects: leaf area and duration (length of vegetative growth phase) and grain-filling period. The planting date is, of course, an inextricable part of the process as the daylight length pattern for the remainder of the season is directly linked to it.

## Soil water determines planting

Changes in the planting date necessitates an adjustment in the choice of growth class of a cultivar that will be least affected by the planting date. If planting is postponed to a later date, the row width and plant population should also be adjusted. Under dryland production conditions, the planting time is determined by soil water conditions, which, in turn, is affected by rainfall and cultivation activity.

When considering the available planting window, flexibility in cultivar choice is key. Choose the most suitable growth class and cultivar and adjust the row width and plant population to achieve the best yield reaction.

## Exciting sunflower hybrid

Sensako also offers a competitive yield in sunflower plantings with the Clearfield sunflower hybrid SY 3970 CL, developed by Syngenta. The tested effect of a focused product – yield plus better weed control – is a winning combination in cultivation.

The cultivar has excellent agronomic characteristics, good and stable yields in various production areas and resistance against prevailing diseases.

For more information on cultivar characteristics, yield results and seed availability for the next production season, visit [www.sensako.co.za](http://www.sensako.co.za).

