



## OUTSTANDING QUALITIES


- ◆ **UNIQUE RUNNER BEAN FOR PRODUCTION UNDER PROTECTION**
- ◆ **SHINY, FIRM AND STRAIGHT PODS**
- ◆ **ROBUST PLANT**
- ◆ **GOOD SHELF LIFE AND TRANSPORTS WELL**

**Salamanca** is a unique runner bean that is suitable for production under protection. Under these conditions, **Salamanca** produces the perfect green bean which is suitable for fresh and export markets. The optimum plant population is between 22 000 – 25 000 plants per ha. A distance of 1 – 1.6 m between rows with 25 – 50 cm between planting holes is commonly used. The pods of **Salamanca** are shiny, firm and very straight. **Salamanca** has an attractive green colour with up to 95% pack out of first-class pods. The pods are very uniform with a length of 15 – 17 cm and a diameter of 8 – 9 mm. The beans have good shelf life and transport well. Yields of up to 36 tons per ha have been recorded in tunnels depending on disease pressure.

## SPECIAL VARIETAL REQUIREMENTS

- **Never over irrigate Salamanca after sowing, whether in seedling trays or direct planting. Soil should only be moist until the seed has germinated.**
- **Salamanca** is from a tropical origin and prefers warmer climates. Low temperatures (3 - 5°C) can cause damage to young plants.
- The germination medium should be above 10°C and never be allowed to dry out. Flower and pod abscission can occur if the temperature drops to 2 - 3°C or increase to 30 - 32°C, accompanied by low water levels.
- Contact area representative for a sowing guide

CHARACTERISTIC*	SALAMANCA
KIND	Garden bean ( <i>Phaseolus vulgaris</i> L.)
TYPE	Runner bean
PLANT TYPE	Robust plant
MATURITY	Medium (55 - 60 days from sowing)
SEASON	Summer
POD SHAPE	Fine, straight pods
POD COLOUR	Shiny, medium green
YIELD POTENTIAL	Excellent
POD LENGTH (MATURE GREEN)	15 – 17 cm
POD DIAMETER (MATURE GREEN)	8 – 9 mm
SHELF LIFE (MATURE GREEN)	Very good
UNIFORMITY	Excellent
PLANT POPULATION GUIDE	22 000 – 25 000 plants per ha
PLANT SPACING GUIDE	Between rows: 1 – 1.6 m Between plants in the row: 25 – 50 cm
DISEASE REACTION (SCIENTIFIC)	<b>High resistance:</b> <i>Bean common mosaic virus</i> (BCMV)
END USE	Fresh market, pre-pack and export
SPECIAL FEATURES	Good shelf life and transports well

\* Characteristics given are affected by production methods such as soil type, nutrition, planting population, planting date and climatic conditions. Please read disclaimer.  
 **WARNING: VARIETY PROTECTED UNDER PLANT BREEDERS RIGHTS. UNAUTHORIZED MULTIPLICATION AND/OR MARKETING OF SEED PROHIBITED**

**Disclaimer:** This information is based on our observations and/or information from other sources. As crop performance depends on the interaction between the genetic potential of the seed, its physiological characteristics, and the environment, including management, we give no warranty express or implied, for the performance of crops relative to the information given nor do we accept any liability for any loss, direct or consequential, that may arise from whatsoever cause. Please read the Sakata Seed Southern Africa (Pty) Ltd Conditions of Sale before ordering seed.  
**Resistance:** is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure (HR = High resistance, IR = Intermediate resistance).

\* **Experimental:** This variety does not appear on the current South African Variety list, but has been submitted for registration.

**Recent version:** Kindly contact Sakata or Area Representative for the most recent version of this Technical Bulletin.

