



SEEDS FOR YOUR SUCCESS

# SUPERSONIC LUCERNE



SuperSonic is the latest dormancy 9 Lucerne.

**Yields under high temperatures**

**Persistent in later years**

**High Yields in a variety of soils**

**S.p.e.c.i.a.l.i.s.t.s. o.n. T.r.o.p.i.c.a.l. S.e.e.d.s. s.i.n.c.e. 1999**

Director(s): James TK Kim  
Member of:





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- ✓ Increased winter growth , rating 9/10
- ✓ Finer stems and higher leaf to stem ratio indicating superior quality
- ✓ Excellent Fodder production
- ✓ Excellent pest and disease resistances

## Origin and Breeding

'SuperSonic' was developed by Seed Genetics International from germplasm of Australian, US and Argentinian origin. Plants were selected on the following plant characteristics:

- Increased winter activity
- More frequent finer stems with higher leaf to stem ratio to increase fodder quality and digestibility with superior fodder yield
- Reliable seed production
- Improved disease and pest resistance

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## Agronomic characteristics

Plants are moderately tall, semi-erect with frequent fine stems, leafy branches and **higher leaf to stem ratio** than the parents.

'SuperSonic' plants are **highly winter active (dormancy rating 9/10)** with good all year round growth particularly in the colder months in suitable zones with vigorous recovery from cutting or grazing. It is early flowering with flowers varying from light to dark blue.

SuperSonic has much **higher leaf to stem ratio and finer stems** than the parents, particularly close to the crown of the plant, this is an advantage in close grazed pastures and intensive forage cutting programs. The finer stems and increased leaf to stem ratio will also give higher protein, increased fodder quality and digestibility.

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Independent tests for levels of resistance of SuperSonic were conducted by Crop Characteristics Inc. MN, USA. To the recognized international standard, see below;

	Spotted Aphid	Blue Aphid	Pea Aphid	Anthraco nose	Fusarium	Phytophthora
SuperSonic	R	HR	R	MR	HR	HR

HR – Highly resistant, R – Resistant, MR – Moderate resistant and S – Susceptible

In comprehensive cutting trials undertaken in Australia, Argentina and around the world over 4 years. SuperSonic has been among the best performers when compared to other new commercial varieties and has out yielded the international standard check varieties CUF 101, and Monarca by over 10%.

SuperSonic is exported in large tonnages from Australia to many countries requiring a winter active non dormant variety and is performing particularly well in temperate climates in Argentina Australia and **under desert irrigation systems of the Middle East and North Africa**

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