

L70 v Aurora Comparison

2011 | Multiple Trial Sites

L70 Lucerne offers higher disease and pest package compared to Aurora.

Superior forage genetics - higher leaf to stem ratio.

Minimum 90 percent germination standards exceeds current minimum certified standard for Aurora of only 60 percent.

L70 Lucerne seed production is derived from dryland seed production stands only. This ensures the dryland integrity and performance of L70 Lucerne is maintained when utilised in dryland grazing enterprises.

These attributes, combined with superior plant genetics, makes L70 Lucerne an excellent new alternative to Aurora.

L70 Lucerne offers producers higher returns and allows them to plant with confidence knowing they are covered by the Establishment Guarantee program*.

Disease Rating Comparison

	L70	AURORA
Spotted Alfalfa Aphid	HR	HR
Bluegreen Aphid	HR	HR
Phytophthora Root Rot	R	R
Anthraxnose	R	MR
Bacterial Wilt	R	LR
Stem Nematode	R	R

Yield Results and Pricing Comparison

L70 Lucerne offers very competitive pricing to Aurora and therefore similar per hectare input seed costs.

	L70 LUCERNE	AURORA
Total yield	18.5 t/ha	17.0 t/ha
Hay returns/ha at \$200t	\$3,700/ha	\$3,400/ha

▲ Extra hay returns \$300 per hectare, per year

Source: S&W Seed Company, L70 Lucerne Grazing Trial, 2011, Penfield Research Station

Five years. Four irrigated sites. 46 cuts

Locations: Virginia SA, Struan SA, Forbes NSW and Wagga Wagga NSW

Germination Standards Comparison

	GOLDSTRIKE® L70	COATED AURORA
Seeds/kg	300,000	300,000
Seeds sown/m ² at 4kg/ha	120	120
Minimum germination %	90%	65%
Variable seeds/m ² sown	108	78
Established rate 50%	54	39

▲ 38 percent increase in plant establishment per square metre

Leaf Trait Comparison



L70 Lucerne (left) exhibiting higher leaf carrying trait compared to older plant genetics exhibited in Aurora (right).

	L70	AURORA
Total yield	18.5 t/ha	17.0 t/ha
Hay returns/ha @ \$200t	\$3700/ha	\$3400/ha
Increased forage quality	✓	✗
Better disease profile	✓	✗
Higher DM production	✓	✗
Increased germination %	✓	✗
Establishment Guarantee	✓	✗

▲ Extra hay returns \$300 per hectare, per year