GRAINS INNOVATION AUSTRALIA

LIGHTNING® IMI Lentil

VARIETY TECH NOTE 2026

High yielding IMI tolerant lentil more reliable on lighter textured mallee soils

KEY FEATURES

✓ High yield

- Highest yielding lentil on lighter textured mallee soils.
- Performs best in medium to lower yielding environments where disease is not a constraint.

✓ Boron & Salt tolerance (MI rating)

✓ Upright bush type plant structure

- Aids harvestability.

✓ Small red lentil

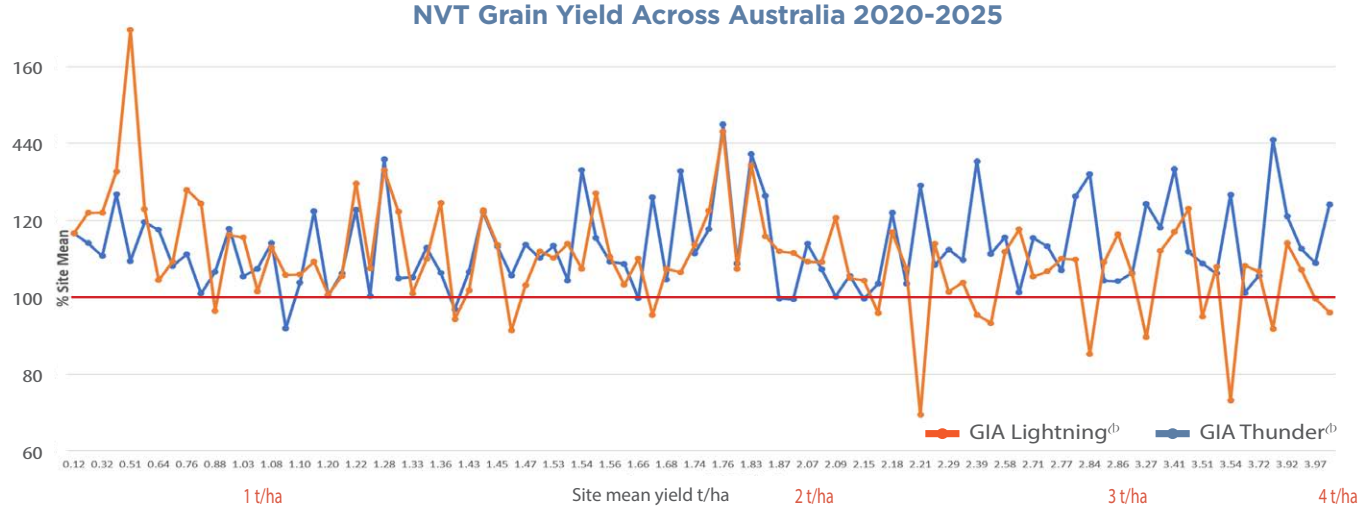
- Demand from numerous large volume markets.
- Grain type suits bulk shipment.

Yield of GIA Lightning® on different soil texture types (SA and Vic trials 2020-2021)

Variety	Trials located on sand textured soils		Trials located on all textured soils	
	Yield (% PBA Hallmark XT®)	# trials	Yield (% PBA Hallmark XT®)	# trials
GIA Lightning ®	**125**	**7**	**111**	**15**
GIA Thunder®	114	7	119	15
PBA Hallmark XT® (t/ha)	1.3	7	1.85	15

Data accessed NVT ONLINE 26 March 2026 (Note: where no dot exists at site mean yield point, the variety was not tested in that NVT trial)

NVT Grain Yield Across Australia 2020-2025



Data accessed NVT ONLINE 26 March 2026

MORE AGRONOMIC FEATURES

- Early vigour (moderate).
- Vegetative frost tolerance (moderate).
- Mid-late Flowering & Mid Maturity.
- Disease resistance:
  - Rated MS for BGM. Requires fungicide management strategy for this disease.
  - Not well suited to areas and situations where BGM disease regularly reduces lentil yields and profitability.
  - Rated MRMS for ascochyta blight (provisional).
  - In disease prone areas and environments and/or medium-high rainfall colder environments a strategic early season fungicide application for ascochyta blight is recommended, as is suggested for all MRMS rated varieties (eg. GIA Thunder®, PBA Kelpie XT®, PBA Hallmark XT®, PBA Hurricane XT®). Further in season fungicide applications for ascochyta blight should follow local disease management guidelines for MRMS rated varieties.

Refer to GIA Lightning® IMI Lentil Variety Brochure for more information www.pbseeds.com.au

SEED ENQUIRIES

For sourcing seed or registering "Grower 2 Grower" seed please contact

PBSeeds | Ph 03 5383 2213 | Email admin@pbseeds.com.au

pbseeds where every seed counts