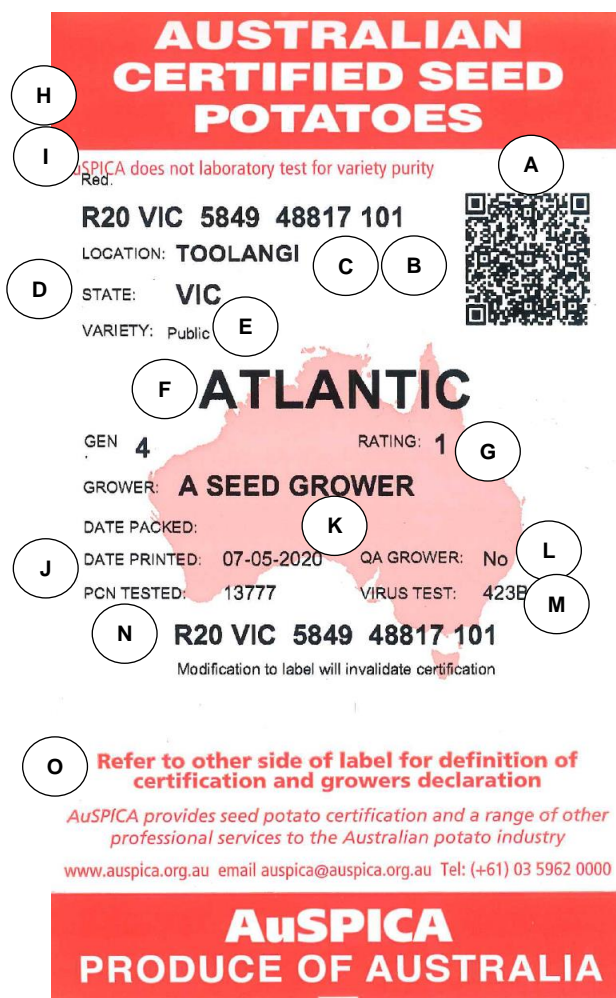


Certified seed potato labels - information & value





AuSPICA uses four different coloured labels which are used to identify different end uses & plant health status of seed potato lots. All crops are visually inspected twice during the growing season, & a tuber inspection is completed post-harvest to determine the seed stock compliance with the conditions of the Scheme. All crops must be grown in fields that are known to be negative to PCN. All crops that are being sold as certified seed must have a laboratory test for Potato Virus Y. AuSPICA annually conducts surveillance for PSTVd to ensure there is scientific evidence to support the statement that PSTVd is known not to occur in the certified seed potato production. All crops have a zero percent tolerance for restricted diseases². On each label, it is stated that AuSPICA does not test for variety, which means there is no compulsory laboratory testing done for variety identification, which is only done on visual inspection of the growing crop. DNA based analysis can be used to support visual inspection when required.

The details printed on a domestic AuSPICA Seed Certification label



- A** **QR code** Scan for seed lot details
- B** **Label reference number** The last digits of the certification label have a unique reference number that can be fully traced. The entire number is repeated at the bottom of the label (e.g. 101).
- C** **Crop Registration number** Unique crop registration reference number that is managed through the Cert Master database (e.g. 48817).
- D** **State of origin** State of Australia in which the crop was grown (e.g. VIC).
- E** **Variety** Listed as Public or Private (which may include PBR)
- F** **Variety Name & accession** Variety name & may include any clone reference (e.g. Atlantic).
- G** **Field rating** Field rating issued to the crop during field inspections based on plant health standards published in the AuSPICA conditions (e.g. rating 1).
- H** **Gen (Generation)** Field generation (e.g. GEN 4).
- I** **Grower Name** Business that produced the certified seed potatoes additional information may be provided if packed by a different business (e.g. A SEED GROWER).
- J** **Date Packed** Growers must enter the date the certified seed was packed on the label.
- K** **Date Printed** The label expires 12 months from date of printing. Exception is green label that is only valid for 14 days post printing date (e.g. 07-05-2020).
- L** **QA Grower** Refers to AuSPICA growers accredited to do conduct their own post-harvest inspections (e.g. NO), except for minituber producers there are currently no QA growers in the AuSPICA seed scheme.
- M** **Virus testing survey number** Unique documented evidence that references the compulsory laboratory testing for Potato Virus Y (e.g. 432B).
- N** **PCN tested** Unique reference to documentation that provides evidence of compulsory soil sampling & laboratory testing for PCN (e.g. 13777).
- O** **Conditions & definitions** Refer to the back of every certification label.

Summary table of AuSPICA seed certification labels and associated data/tolerances

Color	Use	Compulsory laboratory soil test negative to PCN ¹	Compulsory laboratory test for Potato Virus Y based published threshold ²	Associated Field Rating ² (R) visually determined by inspector and or supported by laboratory testing			Post-Harvest tolerance ²
				Total Virus	Foreign Cultivars	Bacterial & Fungal diseases	
Black 	For transfer of seed lots between certified seed growers. For subsequent multiplication within the AuSPICA seed scheme.	✓	✓	R1 < 0.01% Virus	R1 < 0.05%	R1 <0.1%	A
				R2 < 0.1% Virus	R2 < 0.1%	R2 <0.25%	
Red 	For commercial use only not for retention in the seed scheme.	✓	✓	R3 or less < 1% Virus	R3 or less < 0.1%	R3 or less Fungal wilts = 2% Blackleg ³ =1%)	A
Blue 	For commercial use only not for retention in the seed scheme.	✓	✓	R3 or less < 4% Virus	R3 or less < 0.1%	R3 or less Fungal wilts = 2% Blackleg =1%)	B
					R4 < 0.1%	R4 Fungal wilts = 2% Blackleg =2%)	A ⁴
Green 	For crops submitted for certification & meet all interstate biosecurity conditions.	✓ PCN soil tested BUT <u>do not</u> meet certification conditions	Not applicable	Not applicable	Growers must complete a declaration prior to green labels being issued.	<i>Must be inspected for compliance with soil adhesion standards associated with interstate trade</i>	

All fields used to produce certified seed potatoes MUST have a negative laboratory soil test for PCN

¹ based on 10 x 10m grid 500g per 2 Ha

² More information go to <https://www.auspica.org.au/seed-potato-certification-2/>

³ Blackleg is caused by *Pectobacterium* spp. Note zero tolerance for *Dickeya dianthicola*. Any observed symptom of blackleg must have laboratory test to confirm absence of *D. dianthicola*

⁴ Only one post-harvest defect permitted if field rating 1 to 3, if Rating 4 no further defect can be allowed