

Staying ahead of antimicrobial resistance in Australian vegetable crops



Protecting productivity, food safety and market access

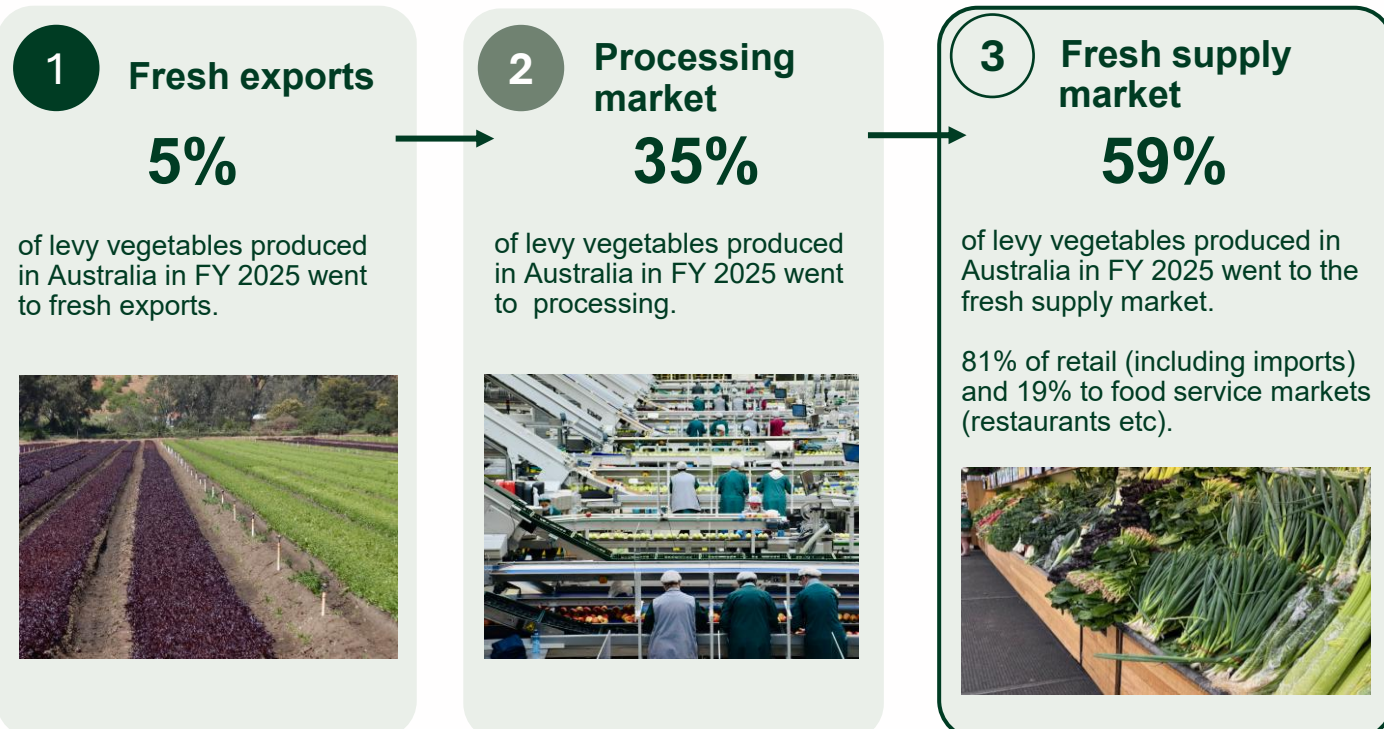
Antimicrobial resistance (AMR) is an emerging challenge for Australian vegetable production. Early detection and proactive management provide an opportunity to stay ahead of emerging risks, protect the effectiveness of disease-control tools, and support continued access to domestic and export markets.

A coordinated approach combining monitoring, responsible chemical use, research, information sharing and practical grower support will help protect grower livelihoods and Australia's reputation for high-quality vegetables.



Acting early helps protect what matters: grower incomes, effective disease-control options, market access and a productive, competitive and resilient Australian vegetable industry.

Where Australian levy vegetables go:



Project partners



Department of
Primary Industries

Where proactive AMR management can make a difference

Important crops are worth protecting



20%

of the volume of levy vegetables produced in Australia in FY2025



26.5%

of the total value of levy vegetables produced in Australia in FY 2025

BAGGED LEAFY GREENS



Priority for proactive management

Higher relative risk identified in the assessment



Value has increased 45.6% over the last 5 years



69% sold to retail supply sector



31% sold to food service sector

CARROTS



Priority for proactive management

Medium-high relative risk identified in the assessment



5-year average farm-gate value: \$206 million p.a.



86% goes to fresh supply



14% goes to food service sector

CUCURBITS



Priority for proactive management

Medium-high relative risk identified in the assessment



Cucumber production averages \$206 million p.a.



86% goes to fresh supply



14% goes to food service sector

What can early action help protect?

Early detection and proactive management reduce the chance of costly disruptions and protect the value of our vegetables



BAGGED LEAFY GREENS

\$3,300 - \$8,800/t

Estimated retail costs*



CUCUMBERS

~\$1,900/t

Estimated retail costs*

*Estimates based on recall costs only



Prevention supports a resilient industry

Detecting emerging AMR risks early creates an opportunity to respond before they affect production, market access or industry reputation

