

Australia's **variable** climate and **changing** community expectations are impacting food production.



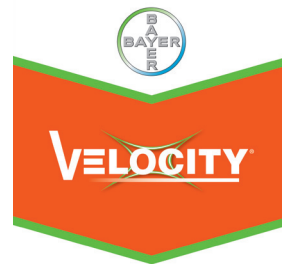
Bayer's **sustainable crop solutions** help with community support for agriculture.

Bayer CropScience is working with partners to develop new **technologies to manage** and mitigate a variable climate.

Integrated Weed Management [IWM] increases cropping system resilience and preserves our productive environment. IWM studies have shown sustainable weed control over longer periods and larger areas.



Sakura® demonstrated up to 97% control of populations of annual ryegrass resistant to Group A, B and D herbicides.



Velocity® a unique mode of action which controls resistant broadleaf weeds and prolongs the useful life of existing chemistry.

Effective weed control

Less tillage, less diesel



Better
• Soil moisture
• Soil health
• Crop vigour

Less soil erosion

Higher trash and carbon storage

Bayer is a strong vocal advocate for IWM and our approach includes our products, Sakura® and Velocity®, which are complementary to IWM program

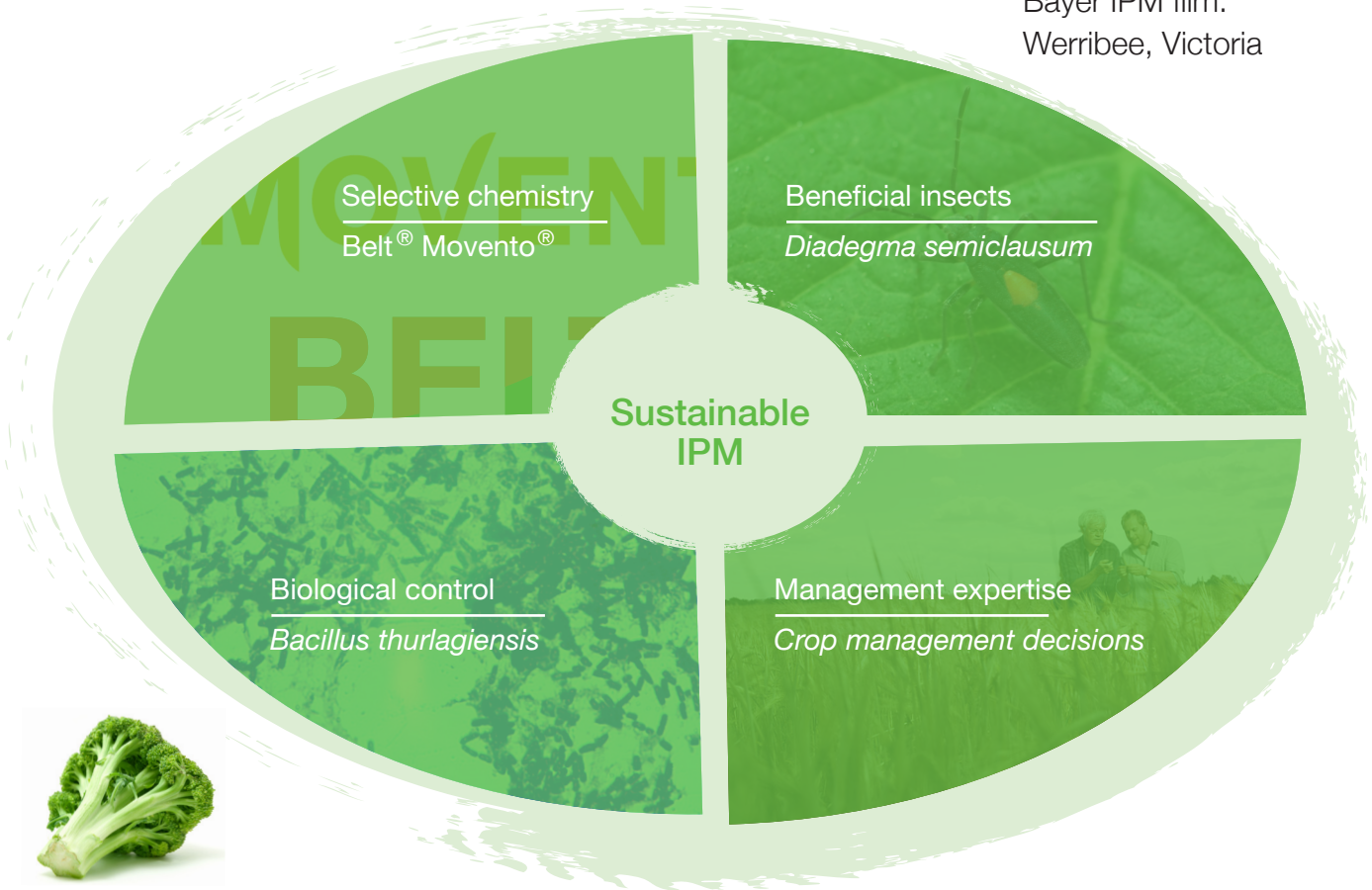
—Sue Cross, Head of Development at Bayer CropScience

Integrated Pest Management [IPM]: A smart approach

At Bayer, we believe that there is a fundamental relationship between science and nature. With the advent of truly selective products such as Belt® and Movento®, the integration of crop protection products with biological control systems can make IPM truly sustainable.



Bayer IPM film:
Werribee, Victoria



Bayer collaborated with diverse industry players to create Australia's first sustainable IPM strategy for diamondback moth control in Broccoli & Cauliflowers.



*Under this strategy, farmers releasing of *Diadegma* wasps, may reduce their insecticides sprays by 5 or more per crop, compared to conventional growers*

—Dr Paul Horne, Entomologist
from IPM Technologies Pty Ltd



The strategy has worked, there's a cost saving and there's also benefits in terms of management of resistant pests in the long run so I'm happy with it.

—Anthony Agosta, AAA Farms,
Werribee South, Victoria