

AUGUST 2020

**Soil Wealth**  
NURTURING CROPS



**Integrated  
Crop Protection**  
PROTECTING CROPS

# NUTRITION MANAGEMENT RESOURCES

## THE IMPORTANCE OF NUTRITION MANAGEMENT

Managing plant nutrition is integral to producing a healthy, profitable vegetable crop. It has to be tailored to the crop and growing conditions. Getting nutrition management right can:

- Reduce input costs such as fertilisers, by getting timing, type and placement right; and crop protection products, by increasing plant defense mechanisms
- Improve uniformity and appearance of harvested product
- Increase overall production
- Increase marketable yield and returns
- Reduce offsite environmental impact.

The Soil Wealth ICP team has collated a range of informative resources and a tailored support package for nutrition management. This is to assist growers, advisors and other vegetable industry service providers to better manage crop specific nutrition or discuss new approaches or challenges.





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## INFORMATIVE RESOURCES

The project team has developed a range of fact sheets, webinar recordings, global scans and reviews over the years. These can be accessed by clicking the links below. We've also included some other useful resources.

Topic	Relevant resources
Starting out and getting the basics right	<ul style="list-style-type: none"> <li>From Health to Wealth: Looking after soils for vegetable production <a href="#">fact sheet</a></li> <li>Soil Testing and Interpretation for Vegetable Crops: <a href="#">A guide</a></li> <li>Soil Testing for Vegetable Crops with Doris Blaesing and Gordon Rogers <a href="#">webinar recording</a></li> <li>Taking soil samples <a href="#">fact sheet</a></li> </ul>
Monitoring to manage	<ul style="list-style-type: none"> <li>Nutrient element functions in vegetable crops <a href="#">fact sheet</a></li> <li>Developing a fertilizer program for vegetable crops with Bruce Scott &amp; Doris Blaesing <a href="#">webinar recording</a></li> <li>Leaf and sap testing for managing vegetable crop nutrition with Bruce Scott, Doris Blaesing and Gordon Rogers <a href="#">webinar recording</a></li> <li><a href="#">Plant analysis guide</a></li> <li>Nutrition management and plant disease with Dr Len Tesoriero <a href="#">webinar recording</a></li> </ul>
Specific elements and problem solving	<ul style="list-style-type: none"> <li>Soil phosphorus – The basics <a href="#">fact sheet</a></li> <li>Nitrate Field Test <a href="#">fact sheet</a></li> <li>Silicon for crop health <a href="#">fact sheet</a></li> <li>Getting soil pH right – Lime quality and application rates <a href="#">fact sheet</a></li> <li>Managing salinity in vegetable crops <a href="#">fact sheet</a></li> <li>Managing sodicity in vegetable crops <a href="#">fact sheet</a></li> </ul>
Cover crops and organic amendments to improve nutrition	<ul style="list-style-type: none"> <li>Managing cover crop residues in vegetable production <a href="#">fact sheet</a></li> <li>East Gippsland Vegetable Innovation Days – Cover crops and strip tillage <a href="#">live webinar panel session recording</a></li> <li>Organic soil amendments <a href="#">global scan and review</a></li> <li>The 'breakdown' on composts <a href="#">fact sheet</a></li> </ul>
Useful resources developed by others	<ul style="list-style-type: none"> <li><a href="#">Fertigation manual</a> - developed by Yara</li> <li><a href="#">On farm research</a> - an in depth look at how to set up on farm trials by the International Plant Nutrition Institute (IPNI)</li> <li>Crop-specific <a href="#">nutrient removal rate calculator</a> (also by IPNI)</li> </ul>