



THE UNIVERSITY
of ADELAIDE



‘OUT AND ABOUT’ COMMUNITY ENGAGEMENT

Weed Science Research Group

Archive

November 2018

Peter Boutsalis spent time in Manila to lecture on the principles of herbicide resistance, at the [CropLife Philippines HRAC-Asia International meeting](#).

Peter Boutsalis visited Maitland to provide an update on glyphosate resistance on the Yorke Peninsula.

Chris Preston visited collaborator Dr. Weihua Long, at the [Institute of Industrial Crops, Jiangsu Academy of Agricultural Sciences](#) in China.

Peter Boutsalis was invited by the [Murray Valley Winegrowers Inc.](#) and the [Australian Wine Research Institute](#) to speak about optimising weed control and avoiding herbicide resistance in vineyards, at Swan Hill and then Mildura.

Peter Boutsalis went to Tasmania to speak about weed control in the high rainfall zone (HRZ), for [Southern Farming Systems \(SFS\)](#) and [Roberts Ltd.](#)

October 2018

Gurjeet Gill spoke at the Lake Bolac Crop Walk about his [Competition Trial for Weed Management](#), for [SFS](#).

Chris Preston spoke at 3 Crop Walks about our [demonstration sites](#) for our [high rainfall zone \(HRZ\) ryegrass management project](#), at Hamilton, Lake Bolac ([SFS](#)) and Millicent ([MFMG](#)).

September 2018

Members of our team spoke about our work at the 21st Australasian Weeds Conference in Manly, Sydney.

Alicia Merriam: [Extent of herbicide resistant common sowthistle in southern Australia.](#)

Chris Preston: [Glyphosate resistant common sowthistle.](#)

Chris Preston: [Managing clethodim-resistant annual ryegrass in canola with herbicides and competition.](#)

David Brunton: [Control of thiocarbamate-resistant annual ryegrass in lentils in southern Australia.](#)

Gurjeet Gill: [Ecology of threehorn bedstraw: implications for management and harvest weed seed control.](#)

Mahima Krishnan: [Understanding the mechanisms of 2,4-D resistance in common sowthistle.](#)

Patricia Adu-Yeboah: [Evolved resistance to glyphosate in barley grass in South Australia.](#)

Peter Boutsalis: [Multiple herbicide resistance in winter grass in Australia.](#)

Weihua Long: [Diversity and extent of mutations endowing resistance to AHAS-inhibiting herbicides in *Sisymbrium orientale* in Australia.](#)

Peter Boutsalis spoke at the Crop Science Society of SA regional meeting in Waikerie, presenting data from his 2017 harvest weed survey and herbicide resistance testing conducted for the Mallee; 'Comparing resistance in the Mallee vs higher rainfall areas and how

to reduce the risk of multiple herbicide resistance.'

David Brunton spoke to agronomists and farmers about his [PhD trial work](#) on the Yorke Peninsula (Sep).

August 2018

Alicia Merriam volunteered at the Royal Adelaide Show to chat with the public about grains and plants

Peter Boutsalis was invited back to New Zealand, Christchurch and North Auckland, to provide herbicide resistance updates.

Our researchers spoke at many of the GRDC Grains Research Updates:

Lock, SA: Gurjeet Gill.

Weed warriors – research update on brome grass and other emerging problem weeds. Seed dormancy impact on seedbank levels, effectiveness of harvest weed seed control tactics and temperature requirements to kill weed seeds.

Karoonda, SA: Chris Preston.

Weed warriors – research update on ryegrass and brome grass. Newer chemistry, time of sowing, optimising efficacy of pre-emergents and resistance status update.

Riverton, SA: Chris Preston.

Weed warriors – research update on control of ryegrass. Newer chemistry, time of sowing, optimising efficacy of pre-emergents and resistance status update.

Nhill, Vic: Chris Preston.

Weed warriors – research update on control of ryegrass. Improved chemistry, optimal efficacy of 'pre-emergents' and emerging herbicide resistance trends.

Naracoorte, SA: Peter Boutsalis.

The practicalities of dealing with herbicide resistance in the HRZ. Information on herbicide resistance tactics tailored to the HRZ and recent work to achieve improved efficacy with glyphosate formulations.

Rokewood, Vic: Peter Boutsalis.

Annual Ryegrass control in the high rainfall zone. Update on effective

management of annual ryegrass and status of herbicide resistance. How HRZ ryegrass thwarts Harvest Weeds Seed Control methods. Where to from here?

July 2018

Peter Boutsalis went to Katamatite, Vic, to talk about pre-emergent herbicide resistance with local farmer advisors.

Fleur Dolman spoke at the Waite campus Ag, Food & Wine Seminar Series about ryegrass management strategies and demonstration sites for the high rainfall zone of southern Australia.

David Brunton spoke to Yorke Peninsula Ag clients at his trial site in Paskeville, about pre-emergent herbicide performance & group J resistance in annual ryegrass: "What is new in management of herbicide resistant weeds on fencelines?".

Chris Preston spoke about herbicide resistance in vineyards, at Tanunda for Farmer Johns viticulture seminar.

Our researchers spoke at many of the GRDC Grains Research Updates:

Moama, NSW: Peter Boutsalis.

Herbicide resistance update - effective use of pre-emergents to minimise resistance development. Boxer Gold® resistance - what it means to your farming system.

June 2018

Gurjeet Gill flew to Ljubljana, Slovenia, to participate in the 18th European Weeds Research Society Symposium. He presented "Investigation of post-maturity weed seed dispersal as an indicator of susceptibility of weed species to harvest weed seed control".

Chris Preston was in Tailem Bend for Farmer Johns information night, where he spoke about managing grass weeds

Peter Boutsalis was in Tamworth and Moree, NSW, to share his knowledge about glyphosate resistance in agricultural weeds with various agronomy firms and private consultants, in conjunction with Sinochem.

Chris shared his knowledge and advice at the GRDC Presentation Masterclass in Melbourne.

Chris Preston spoke at the Lower Eyre Agricultural Development Association ([LEADA](#)) Field Walk, in Kapinnie, SA.

May 2018

Peter Boutsalis was invited by the [Table Grape Association](#) to speak about IWM and herbicide resistance in vineyards, at Robinvale and then Mildura.

Chris Preston discussed managing invasive grass with the Northern Foothills [Landcare](#) Group at One Tree Hill, SA.

David and Tijana were on the Yorke Peninsula, spraying field trials designed to gather more data about Group J herbicide resistance.

Chris Preston spoke about herbicide resistance for [Stoller Australia](#).
