



The new face of crop protection

Simon Conway & Joanna McTigue
Horticulture Crop Protection Ltd



The New Face of Crop Protection

Why the need for HCP?



Horticulture is made up of 'minor crops' with heavy reliance on EAMU's and Emergency approvals for crop protection products



The Crop Protection Team made up ~25% of the £8m AHDB Levy cost for UK Horticulture P/a



There was no 'Plan B' for Crop Protection after the 'no' vote in the ballot



The Idea for HCP was formed as a solution, but as a 'grower owned' subscription-based model during 2022 and announced in October 2022



April 2023 HCP commenced operations

Governance- HCP Board Members

Ali Capper:

Chair British Apples and Pears

Jack Ward:

Company Secretary - British Growers Assoc.

Simon Conway

CEO

Rob James:

Protected Edibles

Rob Parker:

Leafy Salads

Robin Squance:

Protected Ornamentals

Charles Carr:

HTA

Louise Sutherland:

Berries

Derek Wilkinson:

Field Vegetables

Keston Williams:

Field Vegetables/Cucurbits/Sweetcorn

Sam Rix:

Onions



HCP Team: Team of 6 - Looking After 31 Crop Associations ~ 5000 Growers

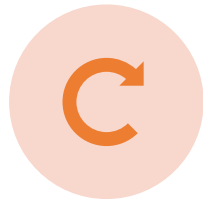
- CEO: Simon Conway (Part time)
- **Joanna McTigue: Ornamentals, Protected Vining Crops, Mushrooms**
- Kim Parker: Field Veg, Leafy Salads and Herbs
- Carlos Duarte: Soft Fruit and Tree Fruit
- Grace Emeny: Legumes, Asparagus, Sweetcorn, Rhubarb and Cucurbits
- Sandra Hey- Maternity Fixed term cover Aug 23 – Aug 24
- Lindsey Daniel: Team Coordinator, Website/communications



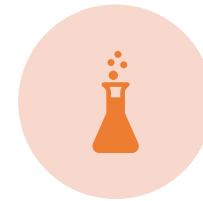
Status Since April 15th 2023



Budget agreed, approved and Associations invoiced



28 applications approved by CRD (EA's and EAMU's)



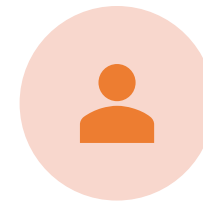
80 live applications in review with CRD + 2 residue trials in preparation



10 Ag Chem meetings completed + meetings with NFU pesticide policy team, DEFRA Minister & CRD team



10 + Crop Association Technical meetings



3 new member associations joined HCP + Tim Lacey (Hutchinsons) appointed as Tech. Advisor

AHDB Levy v Voluntary Subscription Model



LAST YEAR OF LEVY
2021/22: TOTAL TOMATO
GROWERS:

£520K



CROP PROTECTION AS %
OF AHDB LEVY

~25% (2021)



ATTRIBUTED TO CROP
PROTECTION

£130K



2023 TGA COST £27.2K

+ ~£15K CRD COSTS =

**68% REDUCTION V AHDB
LEVY PPP COST**

Risk Register for BTGA

- British Tomato Growers Association risk register re-scored
- Priority target lists provided to Ag-Chem in Winter 22/23

<u>Priority targets</u>	
Diseases	Pests
Powdery mildew Late blight (Phytophthora)	Russet mite Nesidocorus Spider mite (TSSM / Carmine) Tuta absoluta Tomato leaf miner (Liriomyza) Caterpillars Mealybug
Tomato brown rugose fruit virus (ToBRFV) Pepino mosaic virus (PepMV)	

EAMU Process

‘A year in the making’



Application Fees / Trial Cost Estimates



STANDARD EAMU

£1768



**EMERGENCY
AUTHORISATION**

~£10 000 (NEW)

~£7000 (REPEAT)



**STAND-ALONE
MRL AMENDMENT**

~£7000



RESIDUE STUDIES

~£10 000 PER TRIAL

8 TRIALS FOR TOMATO



**EFFICACY / CROP
SAFETY TRIALS**

~£15-25K

CONTRACT
RESEARCH ORG



EAMU / Emergency / MRL cost is the regulator's fee for evaluation
Trial cost is the CRO charge for conducting trials and laboratory analysis
HCP time for managing applications and trials is covered by the overhead cost



Tomato/Protected Edibles Activity (23/24)

Crops	Applications currently under evaluation	EAMUs – pipeline	Emergencies/Trials/MRLs - pipeline
Tomato	1 EAMU	6*	1 Emergency (Tutavir)? <ul style="list-style-type: none"> • Earlier authorisation • Split timings • Lower + shared costs • Repeat requires use data
Cucumber	5 EAMUs	3-4	
Pepper	5 EAMUs	3-4	
Mushroom	2 EAMUs	1	1 MRL 1 residue trial

- * 1x amendment due to new data (shared cost with cucumber)
- * 1x amendment to later GS
- * 2x renewals (shared cost with company)
- * 2x new EAMUs



Tomato Authorisations (22/23)

Authorisation type	Product / Active substance	Authorisation	Use
EAMU	Botector / Aureobasidium pullulans	1872 & 1873 of 2022	Botrytis
EAMU	Kanemite / acequinocyl	2071 of 2022	Spider mite
EAMU	Livarti & Karitsu / cyazofamid	2128 & 2130 of 2022	Late blight Same as Ranman Top, different distributors
Emergency	Tutavir / PhopGV	1012 of 2023	Tuta absoluta

HCP Website Now Live!



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Emergency Authorisation: 'Tutavir®' for tomato



Wider Challenges Going Forward

- Loss of actives and ag-chem companies reluctant to bring forward approvals solely for GB and not renewing current actives.

Why?

- Total UK Horticulture 160,000 hectares versus 3 million hectares of Cereals/Oil Seed crops

<1% of agricultural land

- High and uncertain costs and delays from CRD for GB only
- We need a regulatory regime that enables the UK horticulture to prosper, not limit production
- Waiting on the 'NAP' *National Action Plan for Sustainable Pesticide Use*



Sceptre and Sceptre Plus

4 year £1.6m programme specifically targeted at bringing EAMU'S to the market quicker and supporting IPM across a broad range of crops

Dorin Pop of Bayer AG said: "Manufacturers find it uneconomic to test and develop products for 'minor horticultural crops'. This is where SCEPTRE has added real benefit to growers, to hasten the process and bring chemistry to the industry."

Data is held by HCP and will be used across the next few years to support EAMU applications

The Horticulture industry, Ag-Chem and DEFRA need to find a way to continue work such as Sceptre Plus for the benefit UK Horticulture





To Conclude

- The creation of HCP and its unique funding model should be celebrated
 - ‘Grower Owned’ is a key difference to ‘Compulsory Levy’
 - Together as UK Horticulture PLC we can succeed and thrive
- Our commitment to you is a relentless focus on value for money and delivery for the TGA
 - We are open to ideas on how we can shape the future for HCP

Help us to help you...



- EAMU sign-off mechanism
- Technical specialists needed
- Risk registers/top priorities
- Collect and provide data for EAs

Talk to us and keep risk registers up to date!