



Bayer Vegetable Conference

Product update



30th January 2020 / Claire Matthewman / V01





Agenda

// **Updates on:**

// **Fungicides**

// **Insecticides**

// **Herbicides**

// **A glimpse of the future**



Fungicides

Update



Veg products

Fungicides



// No change for 2020

// **EAMU Leeks** / grapes / ornamentals / **celeriac** / **salad onions** / **swede** / **turnip** / **celery** (MR from BEL, 1x 0.36 kg/ha)



Fungicides

Authorisation updates



- // Label **extension** in **onions** as soil application for Fusarium(?) / white rot
- // Useful tool to help reduce disease. Part of wider solutions
- // 1x 0.6 L/ha

Warwick. Pictures taken
25 Aug 2017 144DAA

UNTREATED



Rudis- 0.4 L/HA

- Broadcast application
- Soil incorporated to **20cm**



Rudis- 0.4 L/HA

- Broadcast application
- Soil incorporated to **3cm** (drill)



Rudis- 0.4 L/HA

- **Bandsprayed** (15cm wide) ahead of drill (spot rate 1.22 L/ha)
- Soil incorporated to **3cm** (drill)



Probably 2021 now?



Fungicides

Authorisation updates



- // Reduction in number of foliar applications from 20 to 6
- // New EAMUs: cabbage post-harvest drench (Oct 18)
- // New on-label authorisation for protected lettuce, tomato, aubergine and peppers (Oct 19)
- // More EAMUs moving to on-label 2020 e.g. carrot (soil & foliar), potato (soil), lettuce (soil & foliar)



New Fungicide



- // Target Crops: Carrots & Brassicas
- // Key Diseases: *Alternaria*, powdery mildew and *Sclerotinia*
- // Authorisation: 2021? 2022 more likely
- // Anticipated harvest intervals:
 - // Carrots/Brassicas – 7 days



Insecticides update



Insecticides

Authorisation updates

BISCAYA®

caLypso®

MOVENTO®
2XSYS

// 22 Oct SCOPAFF: Thiacloprid voted for non-renewal

// EU Revocation dates:

// Last sales: 3 Aug 2020

// Last use: 3 Feb 2021

// UK Revocation dates are still pending

// New label extension planned:

// Leeks - On-label authorisation: 2022?

// Extrapolation for spring onion (EAMU): 2022?

// Batavia (SC) EAMU submitted for outdoor celery: 2021?

// Moven to is NOT a KNOCKDOWN product – use before pest build up



New bio-insecticide:

FLiPPER®

- // Contact bio-insecticide
- // Unsaturated carboxylic acids C14-C20
- // High efficacy against a range of pests
- // Extensive EAMUs in F&V
- // Controls multiple stages of pest life cycle
- // Safe for users, selective on crops, pollinators and beneficial insects
- // Exempt from MRLs, no detectable residues
- // Approved for Organic use in the UK
- // Ideal partner for integrated spray programmes with conventional crop protection chemistry
- // Excellent resistance management tool



FLiPPER Label Authorisation



On-label Crops:	Protected (glasshouse): Tomato Cucumber Strawberry
Maximum individual dose:	16 L product per hectare with a maximum concentration of 1.6 L per 100 L water
Pests controlled:	Whitefly, Aphid, Two-spotted mite
Maximum number of treatments:	5 per crop
Frequency of applications:	Apply every 7 days as required by pest pressure but do not apply more than 3 weekly applications consecutively
Application timing:	Any time – No restriction
Latest time of application:	No restriction

FLIPPER EAMUs



EAMU 3417/2019:	Outdoor and protected field vegetables
Maximum individual dose:	Outdoor crops: 5 L product per hectare. Water volume: 300–500 L/ha Protected crops: 10 L product per hectare. Water volume: 400–1000 L/ha
Pests controlled:	Thrips, Aphids and cabbage aphid
Maximum number of treatments:	Outdoor crops: 9 per crop Protected crops: 8 per crop
Frequency of applications:	A minimum interval of 7 days must be observed between applications and a minimum interval of 28 days must be observed between each block of 3 applications.
Application timing:	1 March to 30 September

FLiPPER EAMUs



EAMU 3416/2019: Leafy vegetables and fresh herbs

Maximum individual dose: Outdoor crops: 5 L product per hectare. Water volume: 300-500 L/ha
Protected crops: 10 L product per hectare. Water volume: 400-1000 L/ha

Pests controlled: Aphids, Western Flower Thrip, thrips and spider mite

Maximum number of treatments: Outdoor crops: 9 per crop
Protected crops: 8 per crop

Frequency of applications: A minimum interval of 7 days must be observed between applications and a minimum interval of 28 days must be observed between each block of 3 applications.

Application timing: 1 March to 30 August



Herbicides

Update

Emerger: EAMUs Update

Pre-emergence EAMUs @ 1.75 L/ha

Carrots / Parsnips / Root Parsley

Onions / Garlic / Shallot

Angelica / Caraway / Celery leaves / Coriander leaves / Dill / Fennel leaves / Lovage leaves / Parsley / Salad burnet / Sweet Cicely

Sunflower

Post-emergence EAMUs @ 0.65 L/ha Still pending = Spring 2020 with grower lobbying?

Submitted September 2019 Still pending

Carrots / Parsnips / Root Parsley

// 1.75 L/ha Pre-em
or
// 1.0 L/ha Pre-em
+ 0.65 L/ha post-em @
~2 TL as a single app

Onions / Garlic / Shallot

// 1.75 L/ha Pre-em
or
// ≤1.0 L/ha Pre-em
+ 0.65 L/ha post-em @ ~1-2 TL
// Sets only – but making case
for drilled

Celery / Leek / Salad Onion

// 0.65 L/ha total dose
// Celery: after planting and 60 day PHI
// Leek and Salad Onion: after planting or
from BBCH12, 28 day PHI

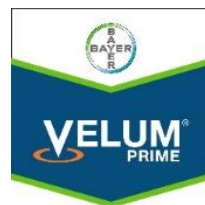


Product Pipeline – a glimpse of the future



Vegetable product pipeline, label extensions and EAMUs

2020



Fungicide

- On-label: Strawberry
- Anticipated EAMUs come on-label: Carrot, Potato, Lettuce

Herbicide

- On-label: Potato
- Anticipated EAMUs post-em: Carrot, Parsnip, Onion

Bio-insecticide

- On-label: GH cucumber, strawberry, tomato
- EAMUs: leafy & field grown veg, herbs, tree and stone fruit

Nematicide

- On-label: Potato
- Anticipated on-label: Carrot

2021



Fungicide

- Anticipated On-label: Onion soil app for white rot

Fungicide

- Anticipated On-label: Carrot, brassicas, hops

Insecticide

- Anticipated On-label: Lettuce, potato, brassicas, peas/beans, apples/pear



The Small Print

Serenade contains *Bacillus subtilis* strain QST 713. Rudis contains prothioconazole. Nativo 75 WG contains trifloxystrobin and tebuconazole. Emerger contains aclonifen. Velum Prime contains fluopyram. FLiPPER contains fatty acids C7-C20. Emerger, Rudis, Nativo, Luna and Serenade are Trade Marks of Bayer. FLiPPER is a registered Trade Mark of AlphaBioPesticides Limited. All brands listed may be Trade Marks of other manufacturers and proprietary rights may exist.

Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label.

For further information, please visit www.cropscience.bayer.co.uk or call Bayer Assist on 0808 1969522

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Thanks for your attention!
Any questions?



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