

## Tyfu Cymru Ornamentals network

### 2021 Spray Programme for disease prevention and control: Protected and outdoor ornamentals.

This spray programme has been written for ornamental crops, products included within it can legally be used in both the production of outdoor and protected ornamentals. The programme includes an elicitor and two bioprotectants and aims to prevent and control the main foliar diseases that occur on a range of ornamental crops. The frequency of spray application should be determined by disease pressure; when pressure is low a 14 day spray interval should suffice however the spray interval may need to be reduced to every 7 – 10 days if / when disease pressure increases. Crop specific spray programmes can be provided through Tyfu Cymru on request.

Week no.	Fungicide name / actives and EAMU if appropriate	Activity against	FRAC Code
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
	Switch*	Botrytis, leafspot, powdery mildew (Eradicant and Protectant)	9 + 12
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
	Promess (EAMU 0796/16)	Downy mildew (Protectant)	28
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
	Topas (EAMU 0169/19)	Powdery mildew & Rust (Eradicant and Protectant)	3
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
	Amistar (ref. EAMU 3388/18)	Downy and powdery mildew & Rust	11
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
	Karma (EAMU 3338/19)	Powdery mildew (Eradicant) also some activity against downy mildew and <i>Botrytis</i>	P07
	Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A

Percos (EAMU 0819/13) Between June and September only	Downy mildew (Eradicant and Protectant)	45+40
Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
Nimrod	Powdery mildew (Eradicant)	8
Fytosave – Elicitor (EAMU 1911/19)	Downy and powdery mildew (Protectant)	N/A
Percos (EAMU 0819/13) Between June and September only	Downy mildew (Eradicant and Protectant)	45+40
Serenade (EAMU 2364/18)	Downy and powdery mildew, <i>Botrytis</i> + Bacterial (largely Protectant)	44
Switch*	Botrytis, leafspot, powdery mildew (Eradicant and Protectant)	9 + 12
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Serenade (EAMU 2364/18)	Downy and powdery mildew, <i>Botrytis</i> + Bacterial (largely Protectant)	44
Fubol Gold (ref. EAMU 2288/13)	Downy mildew and Rust	M3 + 4
Amylo X (ref. EAMU 0428/19)	Downy and powdery mildew, <i>Botrytis</i> , Bacterial and fungal leafspots (largely Protectant)	44

	Signum (EAMU 2141/12)	Downy and powdery mildew & Rust (Eradicant and Protectant)	7 + 11
	Amylo X (ref. EAMU 0428/19)	Downy and powdery mildew, <i>Botrytis</i> , Bacterial and fungal leafspots (largely Protectant)	44
	Promess (EAMU 0796/16)	Downy mildew (Protectant)	28
	Amylo X (ref. EAMU 0428/19)	Downy and powdery mildew, <i>Botrytis</i> , Bacterial and fungal leafspots (largely Protectant)	44
	Karma (EAMU 3338/19)	Powdery mildew (Eradicant) also some activity against downy mildew and <i>Botrytis</i>	P07
	Amylo X (ref. EAMU 0428/19)	Downy and powdery mildew, <i>Botrytis</i> , Bacterial and fungal leafspots (largely Protectant)	44
	Amistar (ref. EAMU 3388/18)	Downy and powdery mildew & Rust	11
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	Amylo X (ref. EAMU 0428/19)	Downy and powdery mildew, <i>Botrytis</i> , Bacterial and fungal leafspots (largely Protectant)	44
	Signum (EAMU 2141/12)	Downy and powdery mildew & Rust (Eradicant and Protectant)	7 + 11

**\*Not recommended for *Exacum affine*, Geranium, *Impatiens* species and Saint Paulia.**

#### Additional applications if required

	Fubol Gold (ref. EAMU 2288/13)	Downy mildew and Rust	M3 + 4
	Karma (EAMU 3338/19)	Powdery mildew (Eradicant) also some activity against downy mildew and <i>Botrytis</i>	P07

**Eradicants if required: Fubol Gold (ref. EAMU 2288/13) for downy mildew max 3 applications (1 in above programme). Karma (ref. EAMU 3338/19) max 8 applications (2 in the above programme).**