

Spray Program for disease prevention and control: Protected and outdoor ornamentals.

TECHNICAL ADVICE SHEET

This spray program has been written for ornamental crops, at the time of writing these products could legally be used in both outdoor and protected ornamentals. The program 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 be sufficient, however, the spray interval may need to be reduced to every 7–10 days if/when disease pressure increases. (see the disclaimer at the end of this list)

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
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	Signum (EAMU 2141/12)	Downy and powdery mildew & Rust (Eradicant and Protectant)	7 + 11

***Not recommended for *Exacum affine*, Geranium, *Impatiens* sp. 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).

Disclaimer

Every effort is made to ensure the accuracy of information and recommendations given in these notes. All applications of crop protection chemicals should be made in accordance with label recommendations, which should be consulted before spraying. Some of the pesticides mentioned in these notes may not be supported by label recommendations for their use on pumpkin crops but are permissible via Extension of Authorisation for Minor Use (EAMU) in the UK under 'The Revised Long Term Arrangements For Extension Of Use (2002)'. In these cases, the use of the pesticide is at the risk of the user. The references to on-label approvals and EAMUs for the use of pesticides in crops are correct at the time of writing. These are subject to change and approval may be withdrawn at any point. It is the grower's responsibility to check approvals before the use of pesticides. If in doubt a grower should seek advice from a BASIS-qualified advisor.



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