

Desiccation Guidelines

Spotlight Plus

Spotlight Plus is an effective stem desiccant which can be applied to all ware and seed potato varieties. Spotlight Plus also works on leaves when crops are senescing. It is safe to use on all soil types in either dry conditions or before rain is forecast.

Spotlight Plus is a contact desiccant and therefore needs good coverage to optimise efficacy - use a minimum of 300L/ha water volume and adjust depending on canopy density.

In order to achieve the best results Spotlight Plus should be applied in bright, sunny, warm conditions from mid-morning to mid-afternoon although applications made outside this time or in less suitable conditions will still be effective.

- Spotlight Plus is rainfast in 1 hour
- There is no buffer zone requirement
- Spotlight Plus has a 7 day harvest interval
- Stems normally take 14 days after application to show full effects

The following factors should be considered when recommending Spotlight Plus:

Flailed Crops

The potato crop should be flailed to leave 20 – 30 cm of remaining stem as free as possible from any plant debris. Flailed leaves and plant residue should be deposited into the bottom of the ridge away from the stems.

Following flailing, stems should be allowed to wilt and dry for 24 hours prior to application of the follow-up Spotlight Plus treatment.

Use 1.0L/ha Spotlight Plus in a minimum of 300L/ha water from mid-morning to mid-afternoon in order to achieve optimum efficacy.

If a follow up treatment is required apply 0.6L/ha 5-7 days after the first Spotlight Plus application.

Non Flailed Crops

Treat potato crops at first signs of senescence with an appropriate rate of diquat in a minimum of 300L/ha ensuring any necessary soil moisture deficit test has passed and/or tuber sampling has been conducted. Crops with a dense canopy may require a further follow-up treatment with diquat in order to remove as much leaf as possible and expose the stems allowing Spotlight Plus to take full effect.

Leave 7 days after this initial treatment before applying Spotlight Plus @ 1.0L/ha in a minimum of 300L water/ha.

If a further follow-up treatment is required apply 0.6L/ha Spotlight Plus 5-7 days later, again in a minimum of 300L water/ha.

Warrantied tank-mixtures

A manufacturers warranty is in place for tank-mixtures of Spotlight Plus + Reglone or Mission 200 diquat brands. Please contact Syngenta or UPL for more information.

Compatibilities

Headland/FMC have tested and support the physical compatibility of the following fungicides in tank-mixture with 1.0L/ha Spotlight Plus:

Tizca (0.4L/ha)

Vendetta (0.5L/ha)

Ranman Top (0.5L/ha)

No claim is made in terms of the biological safety of these mixtures. For further compatibility enquiries please contact Headland/FMC.

For further details and discussion, contact your local Headland/FMC representative, or:

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