

Industry questionnaire about maleic hydrazide use in potato: can we have your help please?

As part of a wider strategy to optimise our options for potato storage, we are currently reviewing the use of MALEIC HYDRAZIDE¹ (MH) as a sprout suppressant. If you have used it for this purpose, or for groundkeeper control, we would very much value your feedback. All responses will be treated confidentially.

[¹Product names: Clayton Stun, Cleancrop Malahide, Crown MH, Fazor, Gro-Slo, Himalaya, Itcan SL270, Magna SL, Source II]

1. NAME (optional) _____

2. How often do you use MH on your crops ?

- A. Never
- B. Occasionally
- C. Frequently but not always
- D. Every year

3. Why do YOU apply MH (tick all relevant)?

- A. Groundkeeper control
- B. Sprout control in storage
- C. Control second growth

4. If you choose to treat with MH, when do you apply the product? weeks before defoliation/desiccation harvest

5.1 If you choose to treat with MH, at what volume do you apply the product?

- A. Foliar spray at 300 L/ha
- B. Foliar spray at 350 L/ha
- C. Foliar spray at 400 L/ha
- D. Foliar spray at 450 L/ha

E. Foliar spray at 500 L/ha

F. Other volume rate (specify) _____ L/ha

G. Don't know

5.2 Please fill in what you consider to be suitable conditions for application in the blue box

5.2 Suitable conditions for application

Temperature: Min _____ Max _____ °C

Rain: None for past _____ hours

Rain forecast: Clear for _____ hours

Foliage:

Rank green

50% green

75% green

Apply if any green

6. Do you tank mix MH at application? Always Frequently Occasionally Never

If yes, what do you mix it with? _____

Please answer Q7 - 8 using the scale 1= very poor to 9= very good:

7.1 How good do you think MH is for volunteer control? 1 2 3 4 5 6 7 8 9

Why? _____

7.2 How good do you think MH is for sprout control? 1 2 3 4 5 6 7 8 9

Why? _____

7.3 How good do you think MH is for control of second growth? 1 2 3 4 5 6 7 8 9

Why? _____

8. How is the consistency of response you get to MH treatment? 1 2 3 4 5 6 7 8 9

Why? _____

9. Do you use the product on all potato crops or target its use to specific crops (tick all relevant)?

A. Policy to treat all crops

B. Treat specific varieties

C. Treat specific maturity of crop

D. Treat crop according to defoliation status

E. Use depends on crop yield/size distribution

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

What other factors influence your decision to use or not to use maleic hydrazide? _____

10. If you don't currently use MH for sprout suppression, do you anticipate you may use it in the future? Yes No

Why? _____

11. Finally, would you be willing to receive a follow up call about this questionnaire? Yes No

If yes, what number is best for us to call? _____

what is the best time for us to call? _____

Please return the questionnaire to the address below or by email to emma.bates@ahdb.org.uk

Thank you very much for your assistance



Sutton Bridge Crop Storage Research
East Bank, Sutton Bridge, Spalding, PE12 9YD
01406 351444