

# Resilience through research: maleic hydrazide impact in storage

SPot Results Week

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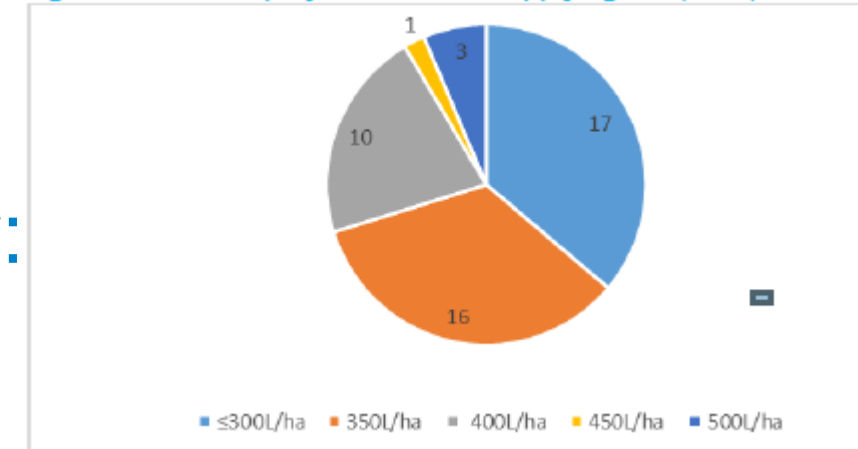


AHDB  
review:



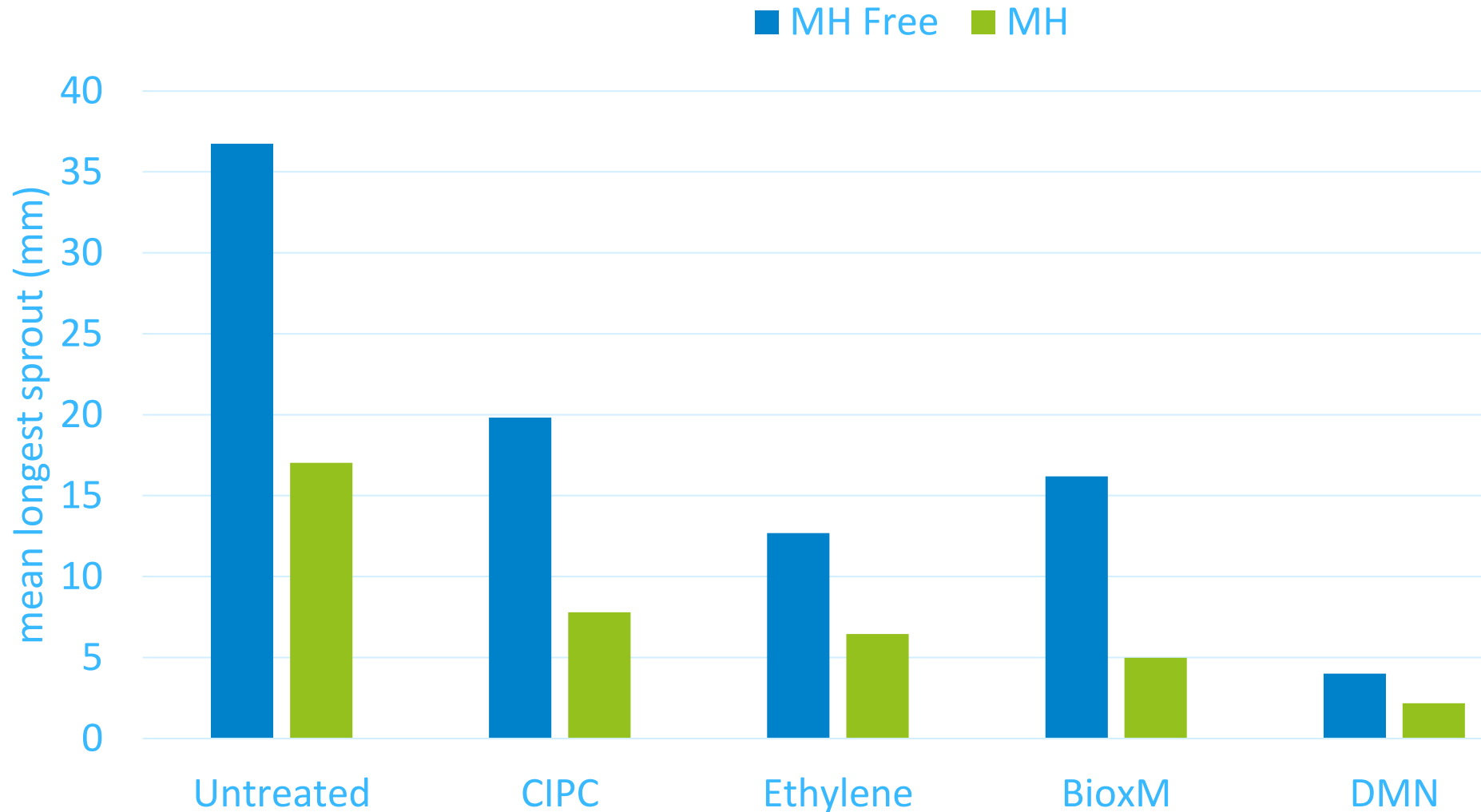
AHDB  
survey:

Fig 3. Total foliar spray volume when applying MH (n=47)



<https://ahdb.org.uk/storage-hub>

## Study 1043 - SO3 longest sprout (Jun 2020) - Maris Piper



| % incidence                 | <i>Innovator</i> |                | <i>Maris Piper</i> |                | <i>Performer</i> |                | <i>Royal</i> |                | <i>VR808</i> |                |
|-----------------------------|------------------|----------------|--------------------|----------------|------------------|----------------|--------------|----------------|--------------|----------------|
|                             | <i>no MH</i>     | <i>with MH</i> | <i>no MH</i>       | <i>with MH</i> | <i>no MH</i>     | <i>with MH</i> | <i>no MH</i> | <i>with MH</i> | <i>no MH</i> | <i>with MH</i> |
| <b>Untreated</b>            | 28               | 1              | 0                  | 1              | 9                | 0              | 3            | 0              | 0            | 0              |
| <b>CIPC</b>                 | 24               | 0              | 2                  | 0              | 11               | 0              | 0            | 1              | 0            | 0              |
| <b>Ethylene</b>             | 32               | 0              | 1                  | 0              | 6                | 0              | 3            | 1              | 0            | 0              |
| <b>BioxM</b>                | 23               | 0              | 2                  | 0              | 8                | 0              | 3            | 1              | 0            | 0              |
| <b>BioxM +<br/>1% CO2</b>   | 28               | 0              | 5                  | 0              | 7                | 0              | 12           | 1              | 2            | 0              |
| <b>BioxM +<br/>ethylene</b> | 34               | 0              | 1                  | 0              | 11               | 0              | 8            | 1              | 0            | 0              |
| <b>DMN</b>                  | 23               | 0              | 0                  | 0              | 2                | 0              | 0            | 0              | 1            | 0              |
| <b>DMN +<br/>1% CO2</b>     | 30               | 0              | 5                  | 0              | 1                | 0              | 0            | 0              | 2            | 0              |

Study 1043: approx 100 tuber samples,  
taken at SO3 (June 2020)