



What is the next berry industry transformation after high quality tunnels, substrate, and varieties?

Two thoughts:

- 1. How much do you invest in differentiating the range in productivity (g/plant) between one commercial plant and another? Is it 20%, 50%, 100%?*
- 2. What is the cost of pests and diseases annually, considering the future risk with declining pesticides, rising heat, and increasing number of invasive pests and diseases? How much do you invest in detailed identification?*

Haygrove have purchased the Berry Gardens Laboratory and employed their excellent entomologist, Marco Corradi. His task is to help the head of technical on leading growing businesses.

We offer pest diagnostics and flower mapping at lower rates than any other lab; testing needs to be affordable to feed and monetise progressive conversation.

Our lab will assess potential in more ways in future.

Contact Marco Corradi MSc CMgr
Entomologist and Laboratory Manager
+44 (0) 7855 099039
marco.corradi@haygrove.co.uk

Please view below a price list for our services.

Haygrove Chrysalis – Analysis Price List
(All charges ex-VAT)

Flower Mapping

Flower mapping provides an assessment of floral development and measurements of flower truss height. With this information, alongside varietal average berry weight and observed number of flowers per truss, yield estimations can be calculated for strawberry plants. Ultimately, the information disclosed through flower mapping can assist with optimising crop production.

Strawberry

- £20.00/plant – top flower analysis
- £40.00/plant – whole plant mapping
- £45.00/plant – mapping of overwintered plants

Rubus

- £2.75/bud (one cane is considered as one sample)

Entomological Assessments

Spotted-wing drosophila (liquid samples in 250 mL bottles obtained from bucket traps)

1. Identification and quantification - £20.00
2. Identification and quantification per sex - £30.00
3. Identification, quantification per sex, and egg maturation analysis – £40.00
4. Egg maturation analysis (if possible, provide ~20 females) - £20.00

Thrips (samples of 30 florets or button fruit in a plastic bag)

1. Identification and quantification of Western Flower Thrips - £50.00
2. Identification and quantification of all thrips present - £80.00
3. Identification and quantification of all thrips and biological control agents - £100.00

Aphids (aphids on plant material in 250 mL bottles)

1. Identification - £60.00
2. Identification of parasitoid and hyperparasitoid wasps emerging from aphids - £100.00

Biological control agents (sample as provided by supplier or as appropriate)

- Identification and quantification of biological control agents in plant material - £80.00
- Quantification of predatory mites - £70.00
- Quantification of *Orius* spp. - £70.00
- Ratio per species of parasitoid wasp mixes - £70.00

Generic insect identification

1. Non-species-level identification - £30.00
2. Species-level identification £70.00



Acarological Assessments

(Mite assessments generally require more resources in terms of time and materials, and are consequentially more expensive than entomology assessments.)

Tarsonemid mites (i.e. cyclamen mite, broad mite)

1. Extraction from leaf material, identification and quantification (please provide 30-50 young leaflets of *Rubus* or strawberry within plastic bag) - £100.00
2. Identification and quantification from already extracted media (please provide as most conceivably appropriate) - £80.00

Eriophyid mites (i.e. leaf and bud mite, red berry mite)

1. Identification and quantification - £100.00
2. Identification and quantification of eriophyid mites and beneficial mites - £120.00

Generic mite identification

1. Non-species-level identification - £40.00
2. Species-level identification £80.00

Plant Pathology Diagnostics

- *Phytophthora* rapid detection test - £30.00
- Irrigation water analysis for *Phytophthora* and *Pythium* diagnosis - £80.00
- Generic disease inspection - £80.00

Special offers

We are offering a 15% discount on batches of 10 or more samples.

Please agree all samples via written or email conversation with Marco Corradi prior to posting. All samples should be sent to the following address:

**FAO Marco Corradi
Haygrove Ltd
Redbank, Ledbury
HR8 2JL**

All information provided to the client by Haygrove Chrysalis (HGCh) is given in good faith. As HGCh has no control over the client's use of the information provided, HGCh accepts no responsibility for any such use, and the client shall indemnify HGCh against any and all claims arising out of use made by the client of such information.

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