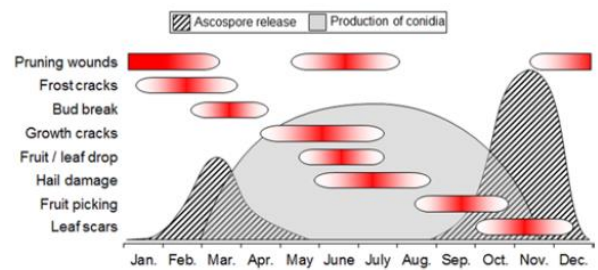


APPLES

Come and see us at the National Fruit Show on Stand K19

- It cannot be emphasised enough that it is **vitaly important** to get fungicide applied post-harvest for *Neonectria* canker control. Maximum ascospore release occurs in October and November (as shown in the graph, right: source Erwerbs-Obstbau (2014) 56: 95–107) and there are **thousands** of points of entry for infection in orchards thanks to scars from picking and leaf fall. Captan is known to be effective in protecting wounds and tebuconazole from immediately post-harvest should be also be considered. It is worth a double check with your agronomist as to which tebuconazole products you can use. If you have stock of Deacon (MAPP 14270), then you can make up to 3 applications at 0.75 l/ha. If you purchase Fathom, then you can only use 0.325 l/ha once. Cuprokyt (MAPP 16944) currently is not approved for use as leaf fall starts but the AHDB have applied for an Emergency Authorisation for autumn use and are awaiting a final decision from regulators.
- Urea (5% solution) can be applied to aid scab control and boost bud quality, and if required, boron can also be included in foliar sprays to improve pollen and ovule viability for next season. However autumn applications of urea are believed to encourage canker, so you may wish not to apply in cankered orchards. Application of nitrogen to the ground now can also improve flower bud for next year.
- A reminder of expiry dates for products that should have been used up this season;
 - **Indar 5EW**. Use by 31st August 2017.
 - **Sythane 20EW**. Use by 30th September 2017.
 - **Agrimec**. Use by 31st July 2017.
 - **Aphox** (MAPP 10515). Use by 31st July 2017
- Dimilin Flo has been re-registered and from 1st January, will be only for use on non-edible crops. Distributors can supply the existing labelled stock until the end of this year, and growers have until 8th September 2018 to use up stock labelled for edible crop use.
- Autumn weed control remains problematic. If you can off-set mow, then do so. It is not recommended to use glyphosate as there is a risk of uptake by the tree so the only contact herbicide option would be diquat with a suitable label (e.g. Mission 200L). Kerb Flo can be applied when soil temperatures are low enough (November onwards) and it will give good control of grass weeds, including couch, and will control cleavers up to the 2 leaf stage. It will also give useful control of dock seedlings and creeping buttercup.



PEARS

- Trees should be checked for adult Pear Sucker after harvest.
- The Natural History Museum has confirmed that the weevil causing damage to pear buds in some orchards is not the Pear Bud Weevil (*Anthonomus piri*), but is a non-native species *Anthonomus spilotus* (male pictured, left and female right: source NHM). This follows concerns by scientists at NIAB EMR that the timing of damage was not consistent with the life cycle of the Bud Weevil. Read more at <http://bit.ly/2ycMzGq>



PLUMS

- Weed control options in the season are very limited so there are an increasing number of very weedy plum orchards about. Consider winter application of Kerb Flo as it will deal with quite a few problem weeds. There is a weather tool available to help time your application for optimum efficacy <http://uk.dowagro.com/kerb-weather-data-service>
- Xylella fastidiosa* represents a very significant threat to trees and shrubs in the UK, including *Prunus* species. It is a bacterial disease spread by an insect vector. It is present in southern Europe and has spread into parts of France. Ornamental tree and shrub growers are very concerned and have ceased sourcing plant material from infected areas. Read more in a DEFRA Plant Health Factsheet <http://bit.ly/2xHvyRW> and list of high risk hosts is available at <http://bit.ly/2fWIBXP>. You need to be aware of this risk and think about where trees are coming from before you buy them. The Animal and Plant Health Agency have recently said it is inevitable that this disease will arrive in this country, so be prepared.

CHERRIES

- Any unopened containers of Exirel 10SE, under the terms of the Emergency Authorisation, should have been returned to distributors by 11th October for onward return to the manufacturer. Storage after that date is illegal.
- The same comments on weeds in the plum section apply to cherries.
- Likewise, the comments on *Xylella fastidiosa* in the plum section above, apply equally to cherries.

MISCELLANEOUS

- GREATsoils workshop: Practical soil assessment in top fruit systems at NIAB EMR on 2nd November starting at 1.00 p.m. More information and booking details at <http://bit.ly/2xC8fev>
- The AHDB Tree Fruit Day has provisionally been set to take place on 27th February at NIAB EMR.

Further information please contact Jonathan Blackman: 07774 738213. jonathan.blackman@hlhld.co.uk
H.L.Hutchinson Ltd., Weasenham Lane, Wisbech, Cambridgeshire, PE13 2RN.

This Bulletin has been awarded 2 CPD points from BASIS Registration Ltd (Ref. CP/58090/1718/g) and 2 CPD points from the National Register of Spray Operators (Ref. NO463055f)

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