

New chart: Are the farms that broke with PED the same? Carles Vilalta (cvilalta@umn.edu)

Keypoints:

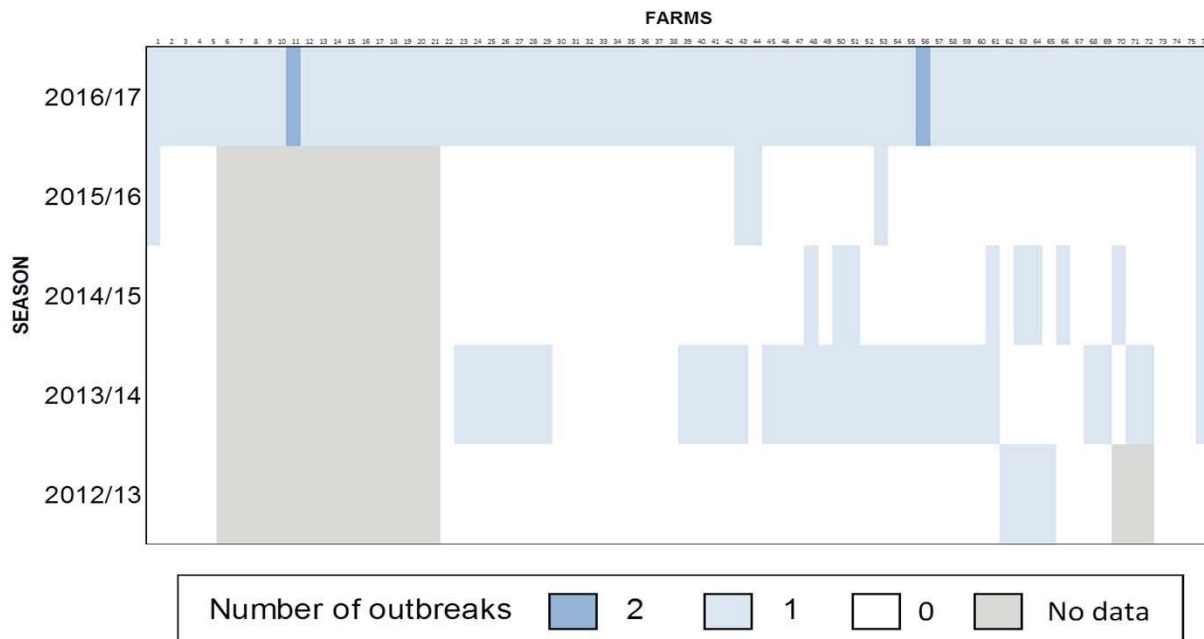
- The farms that break with PED do not appear to have a history of PED infections in the prior season.
- Of the farms that broke during the 2016/17 season, only 5 (6.5%) of them had outbreaks during the previous season and 43 (56.6%) of them had broken at some point since 2013. Only one farm has had an outbreak every year since the beginning of the epidemic in the US (season 2013/14).

From this week onwards we will include a new chart to address some of the questions we receive in reference to PED breaks. A common question is whether the farms that break are the same that have broken before or not.

In order to become familiar with this new figure, we will use season 2016/17 as example and after that we will report breaks weekly as they occur. The horizontal axis is shown at the top of the chart and it indicates the number of farms that broke during the 2016/17 season. In the vertical axis we list the seasons which start each July and runs to June of the following year. Outbreaks are colored in blue and the darker tone indicates that a farm has had more than one outbreak.

In the example below 76 farms broke during the season 2016/2017. 74 farms had 1 outbreak and 2 farms had 2 outbreaks. Of the farms that broke in 2016/17 only 5 (6.5%) reported PED in the previous season. Of those 76, 33 reported their first outbreak since 2013 (16 of those started reporting this season), 33 had 2 outbreaks, 9 had 3 outbreaks and 1 had 4 outbreaks. When grouped regionally, 29 of these outbreaks occurred in the midwest, 32 in the southeast, and 13 in the south.

Chart 3. Outbreak history of farms that broke during the 2016-2017 season.



Please let Emily Geary (shmp@umn.edu) and Carles Vilalta (cvilalta@umn.edu) know if you have any comments and suggestions about this chart or other questions.