

The Johne's Management Options Chart is a tool to help farmers identify which combination of management options may be feasible on their farm. It also allows the identification of options that may be implemented in the future. The farmer should give a copy to their vet and discuss the identified options with them.



Farmers attending workshops were given a Management Options Chart and asked what management options they thought they would implement. By way of results, the percentages of farmers choosing each option have been listed in the chart below.

## Johne's Management Options Chart *Choose one or more options in each row*

<b>Testing</b>  % of farmers choosing option	<b>Whole herd screen every other year</b> (Herds with a clear history)  27%	<b>Annual whole herd screen</b> (herds with a test positive animal in the last 5 years)  67%	<b>Re-test inconclusives</b> 1-3 months after herd screen  27%	<b>Twice yearly whole herd screen</b>  3%
<b>Cow management</b>  % of farmers choosing option	<b>Isolate test positives</b> -if possible at separate "dirty ground" location  55%	<b>Delayed cull of test positives</b> -after calf reared (beef) -after lactation (dairy)  42%	<b>Isolate inconclusives</b> -Isolate separately from positive cows if may be returned to main herd  21%	<b>Immediate cull of test positives</b>  27%
<b>Calf management</b>  % of farmers choosing option	<b>Calve positive cows in separate location from clean cows</b>  42%	<b>Keep calves away from test positive cows</b> -snatch calves (dairy)  12%	<b>Optimise calving hygiene</b> -provide clean calving areas with fresh bedding  39%	<b>Consider culling daughter lines from test-positive cows</b>  48%
<b>Replacement management</b>  % of farmers choosing option	<b>Screen bought in stock including hired bulls</b> -isolate pending results  48%	<b>Do not keep calves from positive dams as replacements</b>  55%	<b>Purchase replacements from accredited free sources</b>  30%	<b>Consider moving towards closed herd in the longer term</b>  39%
<b>Environmental management</b>  % of farmers choosing option	<b>Provide clean water</b> -provide piped water in raised troughs -fence off standing water  55%	<b>Slurry management</b> -do not spread slurry that may have come from infected stock onto grazing pastures  33%	<b>Reduce bacteria in high risk areas</b> -where positive cows have been housed (disinfect sheds) or grazed (lime fields)  27%	<b>Consider role of other animals</b> -avoid co-grazing sheep from positive farms and consider wildlife management  18%

### Farmer Workshops: "Paraban Reloaded"

Workshops for the management of Johne's Disease are taking place during 2014 across all regions of Scotland. The aim of the workshops is to provide farmers with an understanding of how management changes on their farms can lead to a reduction of Johne's in their herds and across Scotland as a whole.

Paraban Reloaded workshops are funded by QMS through the Scottish Government's Skills Development Scheme and are run by SRUC Research in collaboration with the University of Glasgow, University of Edinburgh and the James Hutton Institute. For information on forthcoming events, please see [www.sruc.ac.uk/events](http://www.sruc.ac.uk/events).