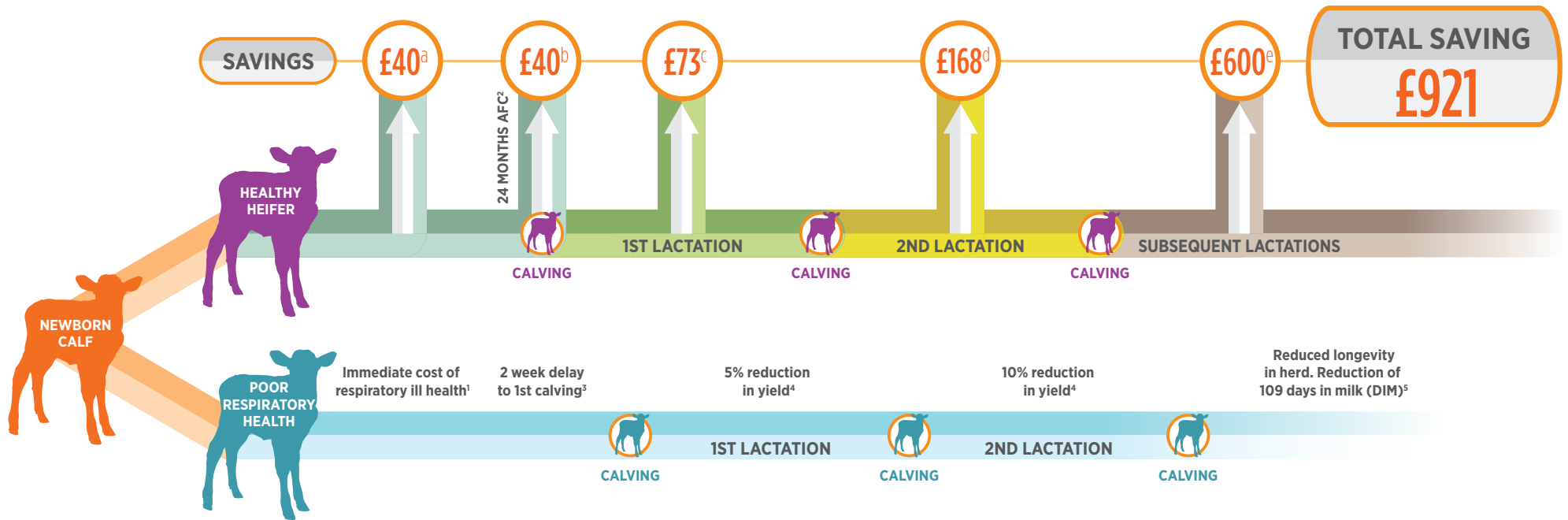


# DAIRY HEIFERS

## LIFETIME VALUE OF RESPIRATORY HEALTH



### THE ABOVE FIGURES EXPLAINED

- The immediate costs of BRD have been shown to average £40/calf<sup>1</sup>
- Rearing costs for each day over the target AFC of 24 months are estimated at £2.87/day<sup>6</sup>. 14 days x £2.87 = £40
- Respiratory disease has been shown to cause a 5% reduction in 1st lactation yield<sup>4</sup>.  
- 5% of an average 7,000 litre 1st lactation 305 day yield is 350 litres. 350 x 20.85 (pence per litre (ppl) margin over purchased feed<sup>7</sup>) = loss of £73
- Respiratory disease has been shown to cause a 10% reduction in 2nd lactation yield<sup>4</sup>.  
- 10% of an average 8050 litre 2nd lactation 305 day yield is 805 litres. 805 x 20.85 (ppl margin over purchased feed<sup>7</sup>) = loss of £168
- Recurrent respiratory disease has been shown to reduce longevity in the herd by 109 days<sup>5</sup>.  
- Assuming an average 8050 litre 305 day lactation yield, 109 days of lost milk equates to 2877 litres. 2877 x 20.85 (ppl margin over purchased feed<sup>7</sup>) = loss of £600

#### References:

- ANDREWS, A.H. (2000) Cattle Practice 8(2), 109-114 (costs minus mortality)
- WATHES, D.C. *et al.* (2008) Animal 2(8), 1135-1143
- VAN DER FELLS-KLERX, H.J. *et al.* (2002) Livestock Production Science 75, 157-166
- MORRISON, S. *et al.* (2013) Veterinary Ireland Journal, Vol 3 No 5:
- BACH, A. (2011) J Dairy Sci 94(2), 1052-1057
- AHDB Dairy. An economic analysis of heifer rearing and breeding selection in Great Britain - an empirical analysis. Report prepared by Alana Boulton (January 2015).
- AHDB Dairy. Promar Milkfinder Dairy Costings. Annual rolling average margin over purchased feeds - Feb 2019 (20.85ppl)

# INSIDE EVERY CALF LIES A LIFETIME OF PRODUCTIVITY

To find out how protecting the respiratory health of young calves can help maximise their lifetime performance please visit [rispoval.co.uk](http://rispoval.co.uk)

AVAILABLE IN  
1, 5 & 25 DOSE VIALS



Rispoval<sup>®</sup>  
IntraNasal  
RS + Pi3

Rispoval IntraNasal contains modified live BRSV + Pi3v viruses POM-V • Further information is available on the product SPC or contact your veterinary surgeon or Zoetis UK Ltd, 5th Floor, 6 St. Andrew Street, London, EC4A 3AE [www.zoetis.co.uk](http://www.zoetis.co.uk) • Customer support 0845 300 8034 • [CustomerSupportUK@zoetis.com](mailto:CustomerSupportUK@zoetis.com) • Use medicines responsibly ([www.noah.co.uk/responsible](http://www.noah.co.uk/responsible)) Produced July 2019 • MM-05338

zoetis