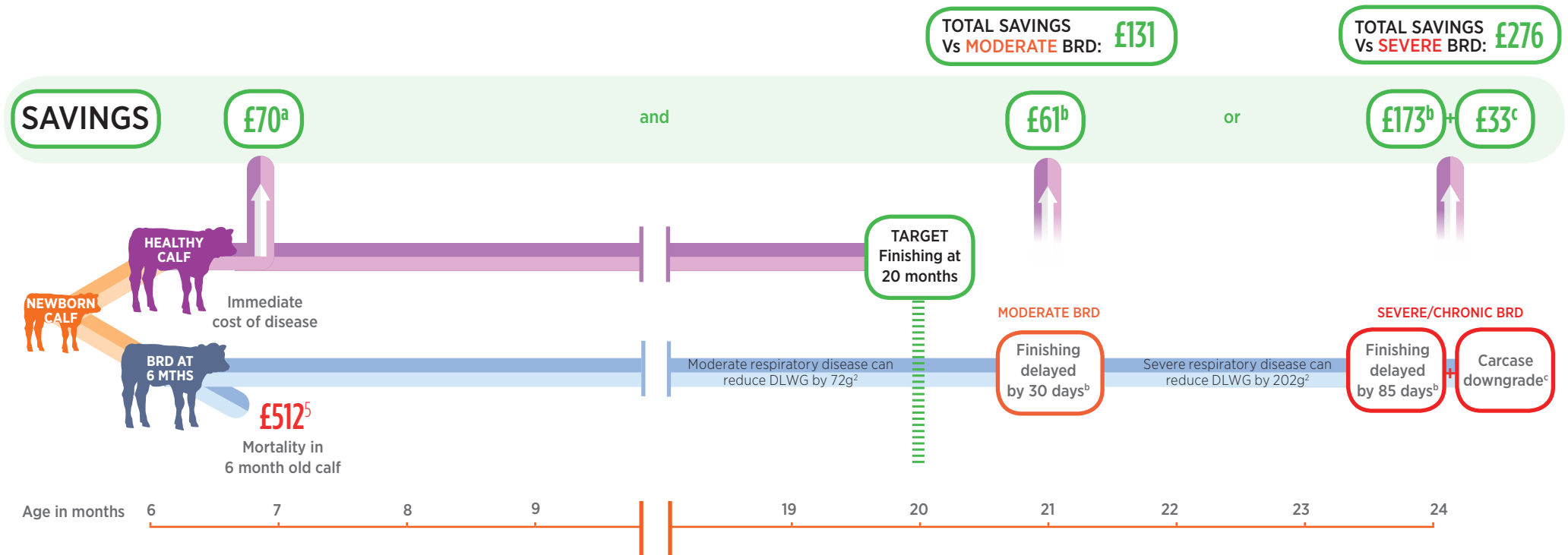


# BEEF SUCKLER CALVES

## LIFETIME VALUE OF RESPIRATORY HEALTH



### THE ABOVE FIGURES EXPLAINED

- The immediate costs of BRD in weaned 6 month-old beef calves has been shown to average £70/Calv<sup>1</sup>
- Moderate respiratory disease can reduce daily liveweight gain (DLWG) by 72g<sup>2</sup>, and severe respiratory disease can reduce DLWG by 202g<sup>2</sup>
  - assuming a target finishing age of 20 months, over the 14 months between disease at 6 months and finishing at 20 months, this represents 30kg of reduced growth in calves with moderate disease, and 85kg of reduced growth in calves with severe disease. Assuming an average DLWG of 1kg/day, calves with moderate disease would take a further 30 days to achieve the same finishing weight and calves with severe disease would take a further 85 days
  - the average cost<sup>3</sup> to finish cattle is £2.03/day. 30 days x £2.03 = a loss of £61 for moderate disease, and 85 days x £2.03 = a loss of £173 for severe disease
- Severe respiratory disease can also reduce carcass conformation score<sup>2</sup>
  - a downgrade from R4L to O+4L would result in a penalty of -£0.10/kg deadweight<sup>4</sup>
  - based on an average carcass weight of 333kg<sup>3</sup> this represents a further £33 loss

**Risposal<sup>®</sup>**  
**IntraNasal**  
 RS + Pi3

**Risposal<sup>®</sup> 4**  
 RS-Pi3-BVD-IBR

#### References:

- ANDREWS A.H. (2000) Cattle Practice 8(2), 109-114 (costing data in beef suckler calves, minus the cost of mortality)
- WILLIAMS, P. & GREEN, L. (2007) Cattle Practice 15(3), 244-249 ('moderate BRD' - 3 consolidated lung lobes, 'severe BRD' - 6 consolidated lung lobes)
- AHDB Stocktake Cost of Production 2017-2018 - Beef finishing (Model and costs based on a beef calf finishing at 20 months, with an average carcass weight of 333kg)
- AHDB Better Returns (2018) - Marketing Prime Beef Cattle for Better Returns
- AHDB Stocktake Cost of Production 2017-2018 - Suckler Beef (Average market value of retained suckled calves - £512)

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# 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)



Rispoval RS+PI3 IntraNasal contains modified live BRSv + Pi3v viruses POM-V • Rispoval 4 contains attenuated BRSV and PI3 virus with inactivated, adjuvanted IBR virus and BVDV type 1 POM-V • Further information is available on the product SPC or contact your veterinary surgeon or Zoetis UK Limited, 1st Floor, Birchwood Building, Springfield Drive, Leatherhead, Surrey KT22 7LP • [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 August 2019 • MM-06099

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