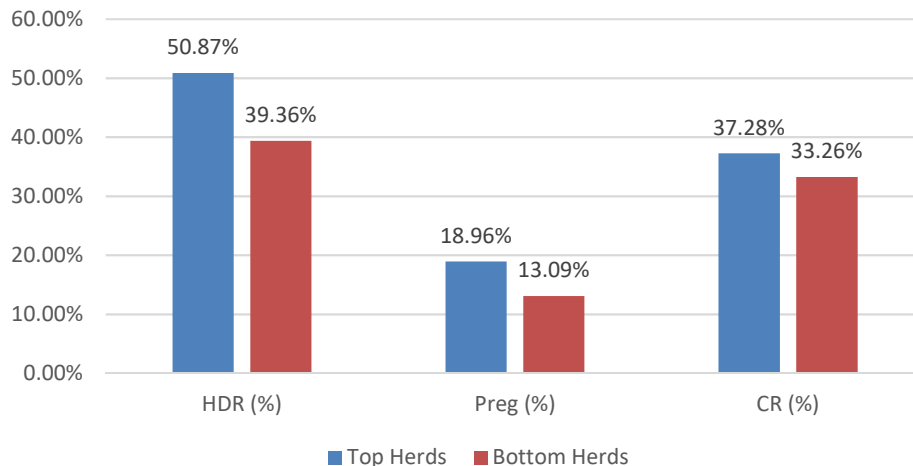


For the Record

Herd Comparison – Reproduction

Over 550 herds Shur-Gain monitors through the Dairy Comp 305 program from Ontario, Quebec and Atlantic were ranked based on their management level milk. Herds ranked in the top 10% based on MLM were classified as “Top Herds” while herds in the bottom 10% were ranked as “Bottom Herds”. The following results compares the difference in reproduction performance for these herds. The following graph illustrates the differences in heat detection rate (HDR), pregnancy rate (Preg) and conception rate (CR). The top herds had better reproductive numbers for all of these parameters.

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Other benchmark numbers demonstrate that top herds had better reproduction. For the top herds **68%** of cows were pregnant by 150 days in milk (DIM). In contrast, for bottom herds it was only **55%** pregnant by 150 DIM.

There are also differences in DIM when cows are 1st bred. The following chart breaks down this information. The 25th percentile represents that 25% of cows are bred by that DIM. The 50th percentile means that ½ of the cows are bred by that DIM. The last 25% of 1st breeding occur after the 75th percentile DIM. As the data shows the bottom ranking herds waited longer to do their 1st breeding. For the top herds 75% cows were first bred by 86 DIM. In comparison for the bottom herds it took 103 DIM for 75% of the cows to be 1st bred.

	Top Herds	Bottom Herds
25th Percentile	62	64
50th Percentile	72	79
75th Percentile	86	103