

CAFRE maiden heifer fertility summary over past 6 years

Replacement heifers are generally served with sexed semen for the first service and sometimes the second service, if they repeat. Results have been very mixed with sexed semen. It seems some bulls are more sensitive to the sex sorting process than others, as the conception rates have been very variable, both within year between different bulls and across years for the same bulls. Over the last 6 years, 61% of heifers calved with a Holstein female calf and of the Holstein calves born, 84% were female. (Some non-sexed Holstein semen also used at 2nd service).

Season	No. of heifers	Total serves	1st service conception rate	overall conception rate	No. pregnant	% pregnant	serves/ heifer	serves/ conception
2014 - 2015	31	61	42%	51%	30	97%	1.97	2.03
2015 - 2016	38	91	32%	42%	38	100%	2.39	2.39
2016 - 2017	55	94	60%	59%	55	100%	1.71	1.71
2017 - 2018	52	104	42%	47%	50	96%	2.00	2.08
2018 - 2019	61	122	41%	50%	59	97%	2.00	2.07
2019 - 2020	60	106	53%	52%	55	92%	1.77	1.93