August 2019   Heifer Percentile Ranking Levels (P Level)

The P-level may be the most important guide on the pedigree when evaluating Jersey heifers' genetic merit. The P-level is a percentile ranking of the Parent Average (PA) Jersey Production Index™ (JPI), displayed as P0 through P9. When PA JPI is not available, percentile rankings are based on PA Protein.

The P-level indicates how one heifer ranks compared to all other Registered Jersey™ heifers born in the same year. To interpret, insert the P-level in the blank in the following statement: "This heifer has a higher PA JPI than __0 percent of the registered Jersey heifers born in the same year." Example: A P8 heifer born in 2017 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2017.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2014 to 2018 and projected for 2019 and 2020; and also for PA Protein for 2014 to 2018, with projections for 2019 and 2020.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2014	39	< -7	-7	17	29	38	46	53	61	70	81
JPI	2015	50	< 4	4	27	40	49	56	64	71	80	92
JPI	2016	61	< 9	9	37	50	60	69	77	84	94	105
JPI	2017	74	< 20	20	51	65	74	82	90	98	107	120
JPI	2018	85	< 29	29	62	77	87	96	103	111	120	131
JPI	2019*	97	< 37	37	73	89	99	108	115	123	132	144
JPI	2020*	108	< 46	46	84	101	111	120	128	136	145	157

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2014	11	< -7	-7	2	7	11	14	17	20	23	28
PRO	2015	14	< -4	-4	6	11	14	17	20	23	27	32
PRO	2016	17	< -4	-4	8	13	17	20	24	27	31	37
PRO	2017	21	< -2	-2	12	17	21	25	29	32	36	41
PRO	2018	23	< 1	1	14	20	24	27	30	34	38	43
PRO	2019*	27	< 2	2	17	23	27	31	35	38	43	48
PRO	2020*	30	< 4	4	20	26	31	34	38	42	47	52