April 2019   Bull 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	58	< -4	-4	33	51	61	69	76	84	92	105
JPI	2015	66	< -2	-2	38	56	69	79	88	98	107	119
JPI	2016	84	< 4	4	52	76	92	102	110	117	124	134
JPI	2017	93	< 0	0	49	81	102	115	125	133	142	151
JPI	2018	93	< -10	-10	35	73	97	118	131	141	149	161
JPI	2019*	108	< -5	-5	46	88	116	137	150	159	168	177
JPI	2020*	118	< -6	-6	47	95	126	150	165	174	182	192

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2014	11	15	< -8	-8	5	11	16	20	23	26	30
PRO	2015	15	19	< -11	-11	7	15	20	24	28	31	36
PRO	2016	18	23	< -9	-9	11	20	26	30	33	37	41
PRO	2017	22	25	< -13	-13	8	21	28	33	37	41	45
PRO	2018	24	21	< -19	-19	-2	13	23	30	34	38	43
PRO	2019*	28	26	< -19	-19	2	19	29	36	40	45	50
PRO	2020*	31	28	< -22	-22	1	20	31	39	43	48	53