April 2013   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 2011 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2011.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2008 to 2012 and projected for 2013 and 2014; and also for PA Protein for 2008 to 2012, with projections for 2013 and 2014.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2008	27	< -34	-34	-8	9	21	33	43	54	66	83
JPI	2009	38	< -22	-22	5	21	33	44	54	64	76	92
JPI	2010	52	< -8	-8	20	36	48	58	68	79	91	108
JPI	2011	73	< 13	13	43	59	70	80	89	99	111	127
JPI	2012	91	< 33	33	63	77	89	99	108	117	128	144
JPI	2013*	105	< 47	47	79	93	104	113	122	131	142	158
JPI	2014*	121	< 64	64	97	110	121	130	138	147	158	174

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2008	3	< -17	-17	-6	-1	3	6	9	12	16	20
PRO	2009	6	< -14	-14	-3	3	6	9	12	15	19	24
PRO	2010	9	< -10	-10	1	5	9	12	15	18	21	26
PRO	2011	13	< -6	-6	5	10	14	16	19	22	25	30
PRO	2012	17	< -1	-1	10	14	18	20	23	26	29	34
PRO	2013*	20	< 2	2	13	17	21	23	26	29	32	37
PRO	2014*	24	< 6	6	17	21	25	27	30	33	35	40

projected