Jan 2, 2024 AJCA Genomic Evaluation Report 100K GENOTYPE

MALE: UR BETTER WITH THYME ORION {0}-PP JEUSA000175042634 JH1F JNS-TF Born: 12/8/2021 Tattoo: BWT02

Sire: UR UNKNOWN JERSEY SIRE {0} JEUSA00099PJS0104

Dam: BETTER WITH THYME MMF MULBERRY {1}-PP JEUSA000175020076 JH1F JNS-

Owner: BETTER WITH THYME FARM

PO BOX 3105

SHEPHERDSTOWN, WV 25443

Single-breed (S) Evaluation	
P-level	**Inbreeding Percents**
P0	Genomic: 14.1%
BBR	Pedigree: 8.6%
100	Genomic Future: 0.4%

Jersey Haplotype 1 (JH1) is associated with embryo loss. Official status is listed as F for Free, C for Carrier. Breed Base Representation (BBR): CDCB policy is to report BBR values of 94 or greater for one breed as 100. BBRs below 94 are reported as calculated. BBR is reported once, unless animal is re-genotyped with a higher density chip.

Adjustments are applied by CDCB to Traditional Evaluations for yield traits (third column from right) to correct for bias in female genetic evaluations. The Adjusted Evaluations are provided for index and yield traits. The impact of genomic information can be assessed by comparing Genomic Evaluation with the Adjusted Evaluation (column labeled Genomic Impact).

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Trait	Genomic Evaluation	Adjusted Evaluation	Genomic Impact	Traditional Eval 1/2024	Genomic REL %	Traditional REL %
JPI	-141	-40	-101		61	
Net Merit ($)	-522	-221	-301			
Cheese Merit ($)	-526	0	-526			
Fluid Merit ($)	-481	0	-481			
Grazing Merit ($)	-406					

YIELD

Trait	Genomic Evaluation	Adjusted Evaluation	Genomic Impact	Traditional Eval 1/2024	Genomic REL %	Traditional REL %
Milk (lb)	-1281	-476	-805		65	
Fat (lb)	-67	-24	-43		65	
Fat (%)	-0.02	0.00	-0.02		65	
Protein (lb)	-47	-17	-30		66	
Protein (%)	0.00	0.00	0.00		66	

Note: Genomic and Traditional Evaluations for Health, Fitness and Type traits are expressed on similar scales. No adjustments have been applied. A comparison of the Genomic Evaluation with the January 2024 Traditional Eval indicates the Genomic Impact.

HEALTH and FITNESS

Trait	Genomic Evaluation	Traditional Eval 1/2024	Genomic Impact	Genomic REL %	Traditional REL %
Pregnancy rate (%)	2.9	1.0	**1.9**	49	
Cow conception rate (%)	2.1	1.1	**1.0**	49	
Heifer conception rate (%)	-1.8	-0.2	**-1.6**	30	
Productive life (mo)	-2.8	-1.4	-1.4	56	
Livability	0.6	1.0	-0.4	34	
Somatic cell score	3.01	3.00	-0.01	61	

TYPE

Trait	Genomic Evaluation	Traditional Eval 1/2024	Genomic Impact	Genomic REL %	Traditional REL %
Final score (PTAT)	-2.00	0.39	-2.39	68	
Stature	-2.50	0.31	-2.81		
Strength	-1.40	0.12	-1.52		
Dairy form	-2.30	0.27	-2.57		
Rump angle	-1.20	-0.22	-0.98		
Rump width	-1.50	0.21	-1.71		
Rear legs (side view)	-0.20	-0.05	-0.15		
Foot angle	-1.00	0.21	-1.21		
Fore udder attachment	-2.40	0.63	-3.03		
Rear udder height	-2.50	0.33	-2.83		
Rear udder width	-1.70	0.02	-1.72		
Udder cleft	-0.10	0.07	-0.17		
Udder depth	-2.00	0.61	-2.61	70	
Front teat placement	-0.60	0.14	-0.74		
Teat length	-0.70	0.11	-0.81		
Jersey Udder Index	-6.68	12.92	-19.60		