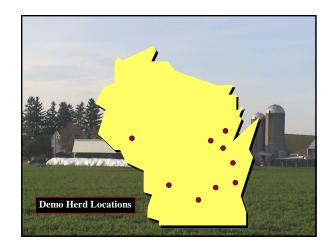


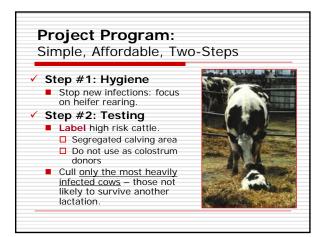


	ELISA Result		
	Negative,	High	
Production	Low-positive	(Strong)	
Parameter	Positive	Positive	
ME305 MILK	21,327 lb ^a	18,631 lb ^b	-2,696
DAYS IN MILK	344ª	290 ^b	-54 DI

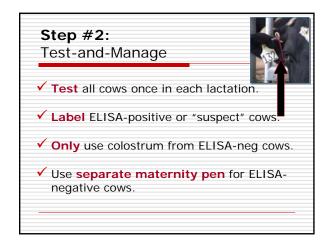




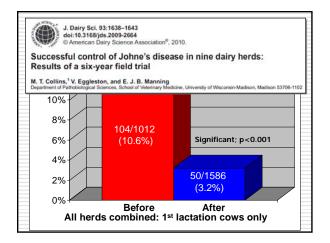


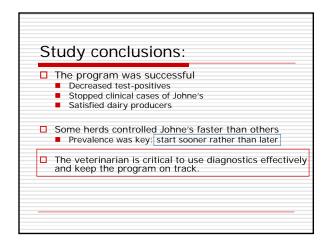






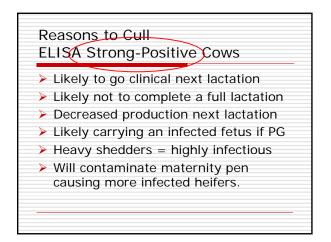
		ve ELISA Based ment Decisions
S/P	Interp.	Action
< 0.10	Negative	Keep for another lactation
0.10 – 0.25	Suspect	Keep – but do NOT use colostrum
0.25 - 0.40	Low pos	Keep – unless other reasons to cull
0.40 - 1.00	Positive	Cull – unless good reasons to keep
> 1.00	High pos	oull at dry-off: mandatory
Do not use	colostrum c	r milk from ANY suspect or positive!



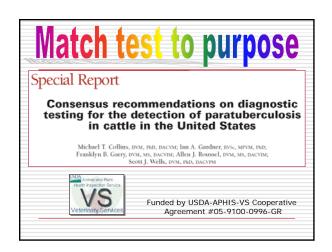








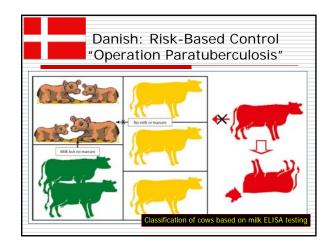




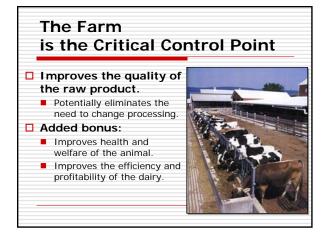


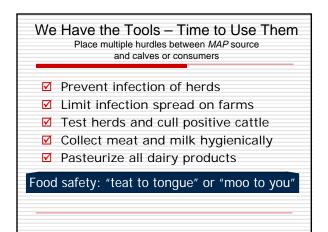


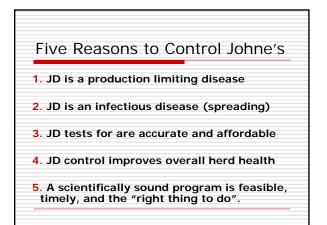
	Dutch ParaTB Program "Milk Quality Assurance Program" started January 2008
■ S ■ S	sify all herds by serum or milk ELISA: itatus A herds: test-negative itatus B herds: test-positive but pos cows culled itatus C herds: test-positive cows remain in herd
Dair	y processor pays 100% testing costs <u>f</u> herds use pTB preventive managment practices
	010 all Dutch dairy herds must participate
<u>By 2</u>	2011 all herds delivering milk must be status A or B









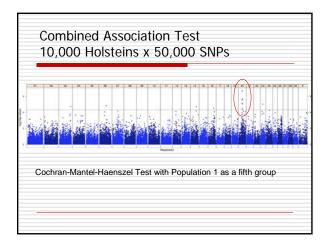


Whole Genome Association Study for Holstein Susceptibility to *MAP* Infection Brian W. Kirkpatrick, Xianwei Shi,

Michael T. Collins, & George E. Shook

University of Wisconsin - Madison





To potern		10 notontial markors							
18 potential markers									
SNP	Chromosome	Megabases	P-value						
BTA-114108-no-rs	BTA1	26.1	1.70 x 10 ⁻⁶						
BTB-01112664	BTA2	19.39	1.40 x 10 ⁻⁴						
ARS-BFGL-NGS-118058	BTA2	23.36	3.74 x 10 ⁻⁴						
BTB-01278461	BTA4	85.43	1.88 x 10 ⁻⁷						
BTA-72108-no-rs	BTA4	108.78	2.06 x 10 ⁻⁴						
BTB-00261837	BTA6	66.68	1.72 x 10 ⁻⁸						
Hapmap41410-BTA-104176	BTA7	63.04	9.18 x 10 ⁻⁷						
ARS-BFGL-NGS-32966	BTA9	38.39	5.88 x 10 ⁻⁵						
Hapmap57166-rs29020401	BTA13	34.1	2.42 x 10 ⁻⁵						
ARS-BFGL-NGS-32123	BTA15	43.28	1.65 x 10 ⁻⁴						
ARS-BFGL-NGS-55380	BTA16	22.06	1.47 x 10 ⁻⁷						
BTA-116871-no-rs	BTA17	28.19	1.66 x 10 ⁻¹⁰						
UA-IFASA-8974	BTA20	31.97	6.82 x 10 ⁻⁸						
Hapmap54042-ss46526396	BTA22	12.41	7.60 x 10 ⁻⁸						
Hapmap51130-BTA-105627	BTA23	32.11	4.73 x 10 ⁻⁴						
ARS-BFGL-NGS-115504	BTA25	21.17	7.56 x 10 ⁻¹¹						
BTA-100341-no-rs	BTA26	34.88	9.56 x 10 ⁻⁸						
ARS-BFGL-NGS-109845	BTA29	19.5	5.03 x 10 ⁻⁶						

