



**GENE CHECK, INC.**  
**SCRAPIE SUSCEPTIBILITY AND SPIDER GENE**  
**OFFICIAL APHIS TEST RESULTS**

**BOB KIMM- IA22**

Iowa Scrapie Cooperative Agreement

Sheep		171	136	Spider		Sheep		171	136	Spider
1.	IA22 11135	RR				11.	IA22 11147	RR		
2.	IA22 11146	RR				12.	IA22 11158	RR		
3.	IA22 11147	RR				13.	IA22 9011	RR		
4.	IA22 11148	RR				14.	IA22 10217	RR		
5.	IA22 11169	RR				15.	IA22 10084	RR		
6.	IA22 11175	RR				16.	IA22 9252	RR		
7.	IA22 11165	RR				17.	MI1250 6180	RR		
8.	IA22 11139	RR				18.	IN25 3404	RR		
9.	IA22 11171	RR				19.	PA64 668	RR		
10.	IA22 11170	RR				20.	IA22 11126	RR		

Samples Received: 3/31/2011

Because these tests cannot distinguish "Q", "H" and "K" alleles it is possible that genotypes listed as QQ could be either QH, QK, HK, KK or HH and genotypes listed as QR could be RH or RK.

NN sheep do not have the spider gene. NS sheep are carriers.

Please contact Gene Check if you have any questions regarding the results or desire further information.

**Certification**

Animal identification numbers and blood samples were provided to Gene Check by owner or owner's agent.

Scrapie susceptibility and/or spider gene tests were performed by Gene Check, Inc.

Signed and sealed April 5, 2011

*Robert W. Kimm, 2*

Gene Check shall not be held liable for inaccuracies due to sampling or labeling errors prior to arrival of the samples at Gene Check and in no event will Gene Check be liable for any incidental or consequential damages, including but not limited to any lost profits or for any claim by owner based on a third party claim.

1175 58th Ave. Suite 100, Greeley, CO 80634      1-800-822-6740



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21.	IA22 11111	RR				31.	IA22 11062	RR		
22.	IA22 11078	RR				32.	IA22 11083	RR		
23.	IA22 11124	RR				33.	IA22 11094	RR		
24.	IA22 11115	RR				34.	IA22 11066	RR		
25.	IA22 11123	RR				35.	IA22 11047	RR		
26.	IA22 11112	RR				36.	IA22 11095	RR		
27.	IA22 11122	RR				37.	IA22 11069	RR		
28.	IA22 11127	RR				38.	IA22 11057	RR		
29.	IA22 11114	RR				39.	IA22 11068	RR		
30.	IA22 11067	RR				40.	IA22 11053	RR		

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41.	IA22 11092	RR				51.	IA22 11071	RR		
42.	IA22 11064	RR				52.	IA22 11104	RR		
43.	IA22 11019	RR				53.	IA22 11090	RR		
44.	IA22 11099	RR				54.	IA22 11161	RR		
45.	IA22 11081	RR				55.	IA22 11153	RR		
46.	IA22 11052	RR				56.	IA22 11155	RR		
47.	IA22 11048	RR				57.	IA22 11163	RR		
48.	IA22 11054	RR				58.	IA22 11172	RR		
49.	IA22 11074	RR				59.	IA22 11182	RR		
50.	IA22 11102	RR				60.	IA22 11176	RR		

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61.	IA22 11151	RR				71.	IA22 11026	RR		
62.	IA22 11136	RR				72.	IA22 11025	RR		
63.	IA22 11117	QR				73.	IA22 11009	RR		
64.	IA22 11129	RR				74.	IA22 11010	RR		
65.	IA22 11086	RR				75.	IA22 11012	RR		
66.	IA22 11109	RR				76.	IA22 11024	RR		
67.	IA22 11041	RR				77.	IA22 11006	RR		
68.	IA22 11131	RR				78.	IA22 11011	RR		
69.	IA22 8015	RR				79.	IA22 11004	RR		
70.	IA22 11003	RR				80.	IA22 11032	RR		

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81.	IA1925 11334	RR				91.	IA1925 11361	RR		
82.	IA1925 11310	RR				92.	IA1925 11366	RR		
83.	IA1925 11317	RR				93.	IA1925 11319	RR		
84.	IA1925 11337	RR				94.	IA1925 11343	RR		
85.	IA1925 11338	RR				95.	IA1925 11353	RR		
86.	IA1925 11301	RR				96.	IA1925 11342	RR		
87.	IA1925 11313	RR				97.	IA22 9220	RR		
88.	IA1925 11341	RR				98.	IA1925 10397	RR		
89.	IA1925 11312	RR				99.	IA1925 11376	RR		
90.	IA1925 11303	RR				100.	IA1925 11375	RR		

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