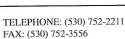
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SANTA BARBARA • SANTA CRUZ

ELK CHRONIC WASTING DISEASE SUSCEPTIBILITY REPORT

NORTH AMERICAN ELK BREEDERS ASSOCIATION

9086 KEATS AVENUE SW

HOWARD LAKE, MN 55349

LUCKY LAND

Case:

EK44302

Date Requested:

04-Dec-2019

Print Date:

18-Dec-2019

Report ID:

0743-5419-4752-3144

Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Name: LLE Y830

YOB: 2017 Sex: Male Breed: Elk Alt. ID: YELLOW 830

Sire: LLE 320

Dam: LLE Y506

Reg: ?6738

Reg: P4643 Reg: ?5135

CODON 132 GENOTYPE RESULT

Result Codes:

2 copies of methionine = CWD susceptible M/M1 copy of methionine and 1 copy of leucine = CWD susceptible* L/M 2 copies of leucine = CWD resistant** L/L

Chronic wasting disease (CWD) is a fatal transmissible spongiform encephalopathy (TSE) of elk and other cervids in North America. This test identifies a genetic difference that causes a change in the normal, cellular prion protein (PrP).

Breeders should be aware that only 1% of the elk tested are L/L for codon 132.

^{*}Research findings suggest that L/M elk have a longer incubation period before clinical signs are evident

^{**}Research findings suggest that L/L elk are resistant to CWD; there has been only one confirmed case of CWD in an animal that tested L/L