



## Scrapie Flock Certification Program Genotype and Live Animal Testing

### Genotype Testing:

Genotype testing and live animal testing are not a mandatory requirement in the SFCP but can be used, sometimes in combination, to validate exemption from some normal program requirements. I am submitting genotype and/or live animal test results in fulfilment of (check all applicable):

- Waiving sampling minimum requirement for genetically resistant flocks (Section 4.5 c))
- Alternative live animal sampling protocol to meet minimum sampling requirement (Section 4.5 d))
- Fulfillment of Certified Plus Status sampling requirements if required (Section 5.3 a))

### Waiving sampling requirement for genetically resistant flocks:

All animals owned by the producer that die or are humanely destroyed, other than those sent for routine slaughter, must be tested for scrapie as per Sections 4.3 and 4.4. If no suitable samples have been submitted for testing for a period of time equal to or exceeding 12 months, at least one animal 18 months of age or older must be destroyed for testing as per Section 4.5 a). Alternatively if no suitable samples have been submitted for testing for a period of time equal to or exceeding 12 months, an enrolled producer may be permitted to remain on the program without advancing to the next level for one additional year (allowing time to raise an animal for slaughter and testing). For certified producers, they would incur a one year status penalty dropping them from certified to Level A. The annual sampling minimum is waived for genetically resistant flocks, defined as all sheep in the flock with documented proof of 136AA 171QR or 171RR genotype, and all rams of 171RR genotype. The genotype of 136AA 171RR breeding males must be determined twice and the genotype of breeding females must be determined once as described in sections 3.20 and 3.21 under General Rules.

If you are claiming exemption from minimum sampling requirements based on genetic resistance (currently available for sheep flocks only), please provide the following:

- I have genetically tested, or have genetic test results for, all sheep.
- I am including 1 genetic test result for each female in the flock, for a total of \_\_\_\_\_ (#) females.
- I am including 2 genetic test results for each male in the flock, for a total of \_\_\_\_\_ (#) males.



Alternative live animal sampling protocol to meet minimum sampling requirements:

All animals owned by the producer that die or are humanely destroyed, other than those sent for routine slaughter, must be tested for scrapie as per Sections 4.3 and 4.4. If no suitable samples have been submitted for testing for a period of time equal to or exceeding 12 months, at least one animal 18 months of age or older must be destroyed for testing as per Section 4.5 a). Alternatively if no suitable samples have been submitted for testing for a period of time equal to or exceeding 12 months, an enrolled producer may be permitted to remain on the program without advancing to the next level for one additional year (allowing time to raise an animal for slaughter and testing). For certified producers, they would incur a one year status penalty dropping them from certified to Level A. Alternatively, the producer can use the live animal sampling protocol to meet the minimum sampling requirement.

- I have \_\_\_\_\_ (#) animals eligible for live animal testing; defined as all goats and all 171QQ sheep over 14 months of age for third eyelid biopsy, or all goats and all 171QQ sheep over 12 months of age for rectal (RAMALT) biopsy.
- I am including \_\_\_\_\_ (#) live animal test results.
- I have genetically tested, or have genetic test results, for all sheep to determine which animals are eligible for live animal testing. For sheep only.
- I am including 1 genetic test result for each female in the flock, for a total of \_\_\_\_\_ (#) females. For sheep only.
- I am including 2 genetic test results for each male in the flock, for a total of \_\_\_\_\_ (#) males. For sheep only.

Fulfillment of Certified Plus Status sampling requirements if required:

The minimum sampling requirement for the flock/herd to advance to certified plus status is 30 animals scrapie tested or all genetically susceptible animals over 14 months of age scrapie tested whichever is less.

- I am submitting live-test results from genetically susceptible animals over 14 months of age to make up the balance of the minimum sampling requirement for Certified Plus Status.
- I am including \_\_\_\_\_ (#) live animal test results.
- I am including 1 genetic test result for each female for whom a live animal test result is being submitted, for a total of \_\_\_\_\_ (#) females. For sheep only.
- I am including 2 genetic test results for each male for whom a live animal test result is being submitted, for a total of \_\_\_\_\_ (#) males. For sheep only.



**Producer Signature**

**Date**