参考資料２―１

カナダにおける BSE サーベイランスの変更（概要）

変更前

30 か月齢超の高リスク牛、全 24 か月齢超の BSE を疑う神経症状を呈する牛等が対象

変更後

30 か月齢以上の高リスク牛が対象

＊ 詳細については次ページ参照。

※高リスク牛：中枢神経症状を呈した牛、死亡牛、歩行困難牛等

（参考）National BSE Surveillance Program overview - inspection.canada.ca

Animals targeted

All "BSE surveillance candidates" need to be tested for BSE. A bovine is considered a "BSE surveillance candidate" when it meets **all** of the following **6** criteria:

1. **Species:** the animal is a bovine (*Bos taurus* and *Bos indicus*) or is the result of a cross with either of these 2 species
2. **Origin:** the bovine was born in Canada
3. **Age:** the bovine is 30 months old or older
4. **Number of affected animals:** the bovine is the only 1 affected in the herd
   If multiple animals in the same herd are affected, they should not be considered BSE surveillance candidates. This is likely due to other causes, not BSE.
5. **Clinical signs:** the bovine is showing (or showed) at least 1 of these clinical signs:
   - unexpected excitability and/or nervousness
   - over-reactivity to stimuli
   - excessive vocalisation
   - excessive salivation and/or difficulty swallowing
   - excessive teeth grinding
   - excessive licking of the muzzle
   - asymmetrical ear and eye movements
   - uncoordinated gait
   - difficulty avoiding obstacles
   - abnormal pacing in circles
   - low carriage of the head and/or head shyness
   - tremors (involuntary quivering muscle movements)
   - dullness combined with compulsive behaviors, such as pacing in circles or increased chewing and licking
   - any other neurological sign(s)
6. **Progression:** the bovine is not improving over time, with or without treatment
   If the bovine can stand and move without help and shows any of the signs, it does not need to be observed multiple times to see how the signs worsen
   If the bovine can't stand or move without help, or is found dead, it needs to have been observed before with clinical signs at least once
   The time between observations doesn't matter; for example, at an abattoir, an animal can show signs upon arrival and then become unable to stand and walk on its own within minutes or hours, and it still meets this criterion