

Annex 1 – Farmer questionnaire

Farm Name:		Date of visit:	
Subject	Question	Sub-question/Category	Answer
1. Badger presence	a. Do you have any active setts on your land?	Number	
		Size	
		Where on the farm (map loc)	
	b. How regularly are badgers seen on each area of the farm? (daily, weekly, occasionally, rarely)	Improved or semi-improved pasture	
		Rough grazing	
		Arable	
		Woodland	
		Farmyard/farm buildings	
		Other (give details)	
	c. How frequently are badgers seen in fields used by lambs (daily, weekly, occasionally, rarely)	During lambing	
		During the rest of the year	
	d. Do you see other badger signs on your farm?	Eg. Paths, latrines, hair on fence, prints	
	e. Population trends	How long have they been present?	
		Have you noticed more or fewer badgers over the last 10 years?	
	f. Have you noticed a change in badger activity or behaviour over the last 3 years?	Activity	
		Behaviour (give details)	
	g. Have there been any major changes to land use or farming activities on farm or in surrounding areas that could have affected badger territories or activity? (eg. development, forestry, cropping changes, barriers)	On farm	
Surrounding area			
2. Attacks on lambs	a. Where are the sheep normally kept?	In the lead up to lambing	
		During lambing	
		After lambing	
	b. Are the lambs moved?	Where to?	
		When? (How long after birth)	
		How are they moved?	
	c. When are lambs marked?		
	d. When are lambs weaned?		
	e. When do attacks on lambs generally occur?	Location	
		Average age of injured or killed lambs	

		Time of day	
		Typical time period between last check and lambs found dead	
	f. How many times has this happened?	Total	
		Last year	
		Most recent attack	
	g. Have you noticed any patterns in sex of lambs taken?	More males/more females/equal	
	h. What is the nature of the injuries?	Injuries of lambs found alive	
		Injuries of lambs found dead	
	i. Have any lamb attacks happened on animals with pre-existing conditions?	Yes (give details)	
		No	
	j. What evidence do you use to identify badgers as the predator?	Attack was witnessed (by whom?)	
		Badgers seen feeding at carcass	
		Badger signs (eg. prints, faeces, wool, other)	
		Absence of foxes or other predators	
		Other (give details)	
	k. Have any other species been seen scavenging at carcasses?	Foxes	
		Corvids	
		Rodents	
		Bird of prey	
		Other (give details)	
l. Are attacks an ongoing problem and do you expect more this lambing season?	Yes/No (give details)		
m. What steps have you taken to deter or exclude badger access?	During lambing		
	More generally		
n. How successful have steps been?			
3. Attacks on ewes	a. When do attacks on ewes occur?	Location	
		Time of day	
		Typical time period between last check and ewes found dead	
	b. How many times has this happened?	Total	
		Last year	
		Most recent attack	
	c. What is the nature of the injuries?	Injuries of ewes found alive	
		Injuries of ewes found dead	
	d. Have any ewe attacks happened on animals with pre-existing conditions or due to extenuating circumstances?	Yes (give details)	
		No	

	e. What evidence do you use to identify badgers as the predator?	Attack was witnessed (by whom)	
		Badgers seen feeding at carcass	
		Badger signs (eg. prints, faeces, wool, other)	
		Absence of foxes or other predators	
		Other (give details)	
	f. Have you had issues with any other predators attacking ewes?	Foxes	
		Corvids	
		Rodents	
		Bird of prey	
		Other (give details)	
4. Foxes	a. Do you see foxes on your farm?	Daily	
		Weekly	
		Occasionally	
		Rarely	
	b. Are fox dens/earths present on your farm?	Yes/no	
	c. How many lambs are typically lost to foxes?	Annually	
		Last year	
	d. Is fox control carried out on the farm or surrounding areas?	Who delivers it?	
		When does it take place?	
	e. Is fox control carried out on the farm or surrounding areas?	Method	
How many foxes removed each year?			
How many foxes were removed last year?			
5. Dogs	a. Do you have any issues with stray or out of control dogs?	Ongoing	
		Historical	
	b. Are dog walkers present on your land?	Frequency – daily/weekly/occasionally/rarely	
	c. Are there any public walking routes nearby?	Yes/no/details	
	d. Are other dogs kept nearby and are they known to roam?	Yes/no/details	
6. Corvids	a. Have you had issues with crows or ravens during lambing?	Crows/ravens/both	
		Ongoing	
		Historical	
	b. How many lambs are typically injured or lost to corvids?	Annually	
		Last year	
		Crows/ravens/both	
	Who delivers it?		

	c. Is corvid control carried out on the farm or surrounding areas?		
		When does it take place?	
		Method	
		How many of each removed each year?	
		How many of each were removed last year?	
7. Other causes of mortality	a. How many lambs would you typically lose to illness?	Annually	
		Last year	
	b. What were the most common illnesses?		
	c. What other causes of mortality are experienced?		
	d. How frequently are lambing ewes checked?		
	e. What is the usual procedure on finding a dead or injured lamb or ewe?	Injured lamb	
	Dead lamb		
	Injured ewe		
	Dead ewe		
8. Record keeping	How do you record dead, missing and injured lambs and their causes?		
9. Other	Is there supplementary food out for sheep?	What type	
		Where	
		Do badgers eat it?	