

Minnesota Lameness Risk Assessment Instructions

- 1 Start by entering Farm Data in Farm tab
- 2 Enter Scores for Risk Assessment in yellow boxes for each sheet (10 in total)
- 3 Look at Summary sheet to evaluate overall risk assessment score for each area
- 4 Use information collected to guide discussion

University of Minnesota Lameness Risk Assessment

Farm	0
Address	0
City	0
State	0

Hoof trimmer	0
Veterinarian	0
Nutritionist	0

Summary of Lameness RA scoring

Scores Interpretation

>60%

Opportunities

<40%

Good

	<i>Infectious</i>		<i>Non-Infectious</i>	
	<i>Score</i>	<i>Max</i>	<i>Score</i>	<i>Max</i>
Summary				
Biosecurity	0	20		
Feeding Management			0	30
Breeding Age Heifers	0	40	0	30
Dry Cows	0	40	0	37
Lactation Cows	0	60	0	60
Flooring	0	10	0	60
Prevention			0	50
Footbathing	0	30		
Lameness Therapy	0	30	0	30
<u>Total Score</u>	<u>0</u>	<u>230</u>	<u>0</u>	<u>297</u>

Farm Concerns

1	0	
2	0	
3	0	

Section 1

Descriptive Farm Information

Farm Name				
Owner				
Herdsperson/Contact				
Address				
City				
State				
Zipcode				
Contact email				
Contact phone				
Housing Type	Freestall	Tiestall	Pack	Lot
Milking Cows				
Far off Dry cows				
Close up dry cows				
Breeding age heifers				
Pregnant heifers				
Herd Size				
Hoof Trimmer				
Veterinarian				
Nutritionist				

Top 3 lameness/hoof health related concerns

1	
2	
3	

Section 2

Biosecurity

Question

1		<i>In the last 12 months have you added cows/bulls or heifers to the herd?</i>				
	Score	Score Explanation		Enter Score here		
		1 <i>Nothing added</i>				
		4 <i>Heifers only (prior to calving) added or use an off site heifer grower</i>				
		7 <i>One animal added to mature herd</i>				
		10 <i>More than one animal added to mature herd</i>				
2		<i>Do the people (hoof trimmer/veterinarian) that hoof trim or treat your lame animals use clean equipment?</i>				
	Score	Score Explanation		Enter Score here		
		1 <i>All equipment (chutes/knives) is always clean or use farm's equipment</i>				
		4 <i>All equipment (chutes/knives) is always clean except when it is freezing cold</i>				
		7 <i>Some equipment (chutes/knives) is always dirty</i>				
		10 <i>All equipment (chutes/knives) are always dirty and not cleaned between farm</i>				
			<i>Infectious</i>		<i>Non-Infectious</i>	
			<i>Score</i>	<i>Max</i>	<i>Score</i>	<i>Max</i>
		Total Biosecurity	0	20		0
			<i>Questions</i>	<i>1,2</i>		

Section 3

Feeding Management Risks

Question

1		Feeding Frequency				
	Score	Score Explanation		Enter Score here		
		1 Fed 2 or more times/day year around				
		4 Fed 2x in summer 2x in winter				
		7 Fed 1x but at least 1 milking has fresh feed				
		10 Fed 1x but no milking has fresh feed. (Feeding happens after milking)				
2		Feed push up frequency				
	Score	Score Explanation		Enter Score here		
		1 Feed pushed up >5x/day				
		4 Feed pushed 4-5x/day				
		7 Feed pushed 2-4x/day				
		10 Feed pushed up <2x/day				
3		Additional Concentrate Feeding				
	Score	Score Explanation		Enter Score here		
		1 No concentrate fed outside of the TMR				
		4 Some concentrate is fed in free access robot OR multiple computer feeders OR <=1 kg is topdressed >2 x in a Tie-stall				
		7 Some concentrate is fed in feed first robot OR =<1 kg is topdressed 2 x in a tiestall				
		10 Some concentrate is fed in 1 single computer feeder or there is limited access to the computer feeder due to location/competition OR > 2kg of concentrate is fed 2x or less in tiestall				
			Infectious		Non-Infectious	
			Score	Max	Score	Max
		Total Feeding Management			0	30
		Questions			1,2,3	

Section 4

Heifer risks (From Breeding Age to Close Up)

Question

1		Visibly assess the hygiene of heifers and base score on majority of animals. If heifers are not available look at heifers that have just arrived from their other location		
	Score	Score Explanation	Enter Score here	
	1	The cows have no manure visible on hind legs, teats or udde		
	4	Manure is present on hind legs but not above dewclaws, and not on teats or udder		
	7	Manure is present on hind legs up to the hocks OR is present on the surface of the teats and		
	10	Manure is present above the hocks AND is present on the teats or udder		
2		Scraping/Pattie Cleaning frequency:		
	Score	Score Explanation	Enter Score here	
	1	Tractor Scraped 2x/day OR automatic slat cleaner		
	4	Tractor Scraped 1 x/day score or automatic alley scraper 2-3x/day OR Slats scraped with alley scrape		
	7	Tractor Scraped <1x/daily or automatic alley scraper 4-5x/day OR Slats not scraped		
	10	Tractor Scraped as needed or automatic alley scraper >5x/day		
3		Stall dimension: Based on cow observations +/-stall measurements		
	Score	Score Explanation	Enter Score here	
	1	If stall dimensions are adequate for 90-100% of cows in this herd		
	4	If stall dimensions are adequate for 75-89-100% of cows in this herd		
	7	If stall dimensions are adequate for 50-74% of cows in this herd		
	10	If stall dimensions are inadequate for most of the herd <50% of cows in this herd		
4		Competition for Resources		
	Score	Score Explanation	Enter Score here	
	1	No dead ends, <=100 % stocking density in CUD pen at least 18-24 inches of bunk space and at least 2 waterers and 2 inches of linear space/heifer		
	4	No overcrowding of stalls but 1 of following is present: Headlocks, Dead ends, <18 inches of bunk space, < 2 waterers or <2 inches of linear space/heifer		
	7	Overcrowding of stalls and 1 of following is present: Headlocks, Dead ends, <18 inches of bunk space, < 2 waterers or <2 inches of linear space/heifer		
	10	Overcrowding of stalls and/or >2 of following is present: Sand bedding, Headlocks, Dead ends, <18 inches of bunk space, < 2 waterers or <2 inches of linear space/heifer		
5		Determine if heifers are adjusted to lactating cow housing prior to calving.		
	Score	Score Explanation	Enter Score here	
	1	If heifers are always adjusted and at least 2 month before calving		
	4	If heifers are always adjusted, but only 2-3 weeks before calving		
	7	If heifers are only adjusted rarely when there is room		
	10	If heifers have never been exposed to lactation cow housing		

Section 4

Heifer risks (From Breeding Age to Close Up)

6		Assess risk of heifers (before entering close up pen) being exposed to DD from milking or dry cow manure. Assess risk for heifers prior to movement to transition area				
	Score	Score Explanation		Enter Score here		
		1 Heifers are housed in a separate barn, heifers are never moved from milk cow barn to heifer barn AND manure scraping equipment is not shared between barns AND there is no exposure to cow manure by run-off or splashing				
		4 Heifers are housed in a separate barn but one of the following occurs infrequently: heifers are moved from milk cow barn to heifer barn OR manure scraping equipment is shared between barns OR exposure to cow manure by run-off or splashing occurs				
		7 Heifers are housed near cows and direct contact is possible OR manure scraping equipment is shared between barns OR exposure to cow manure by run-off or splashing occurs				
		10 Heifers are housed with cows or next to cows (milking or dry) where direct contact always				
			Infectious		Non-Infectious	
			Score	Max	Score	Max
		Total Breeding Heifers	0	40	0	30
		Questions	1,2,3,6		3,4,5	

Section 5

Dry Cow and Close up Heifer Risks

Question

1		Visibly assess the hygiene of cows currently in the dry cow herd and base score on majority of animals			
	Score	Score Explanation		Enter Score here	
		1 The cows have no manure visible on hind legs, teats or udder			
		4 Manure is present on hind legs but not above dewclaws, and not on teats or udder			
		7 Manure is present on hind legs up to the hocks OR is present on the surface of the teats and			
		10 Manure is present above the hocks AND is present on the teats or udder			
2		Bedding amounts in stalls or pens			
	Score	Score Explanation		Enter Score here	
		1 90% or more of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, 90% of stalls are level and have no bedding hollows)			
		4 50 to 90% of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, 50% have no hollows)			
		7 Less than 50% of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, less than 50% of stalls are without hollows)			
		10 There is little or no bedding (i.e. less than 30% of stall surface covered in most stalls) or most sand bedded stalls have hollows			
3		Scraping/Pattie Cleaning frequency:			
	Score	Score Explanation		Enter Score here	
		If freestall or pack with scrape alley			
		1 Tractor Scraped 2x/day OR automatic slat cleaner			
		4 Tractor Scraped 1 x/day score or automatic alley scraper 2-3x/day OR Slats scraped with alley scrape			
		7 Tractor Scraped <1x/daily or automatic alley scraper 4-5x/day OR Slats not scraped			
		10 Tractor Scraped as needed or automatic alley scraper >5x/day			
		If Tie-Stall or pack without scrape alley. Visibly score the bedding			
		1 No visible manure, new bedding has been added, bedding/stalls is dry			
		4 Visible manure covering 10% of the bedding/stalls			
		7 Visible manure covering 50% of the bedding/stalls			
		10 Visible manure covering 60% (2/3rds) or more of the bedding/stalls			

Section 5

Dry Cow and Close up Heifer Risks

4		Stall dimension: Based on cow observations +/-stall measurements				
	Score	Score Explanation		Enter Score here		
		1 If stall dimensions are adequate for 90-100% of cows in this herd				
		4 If stall dimensions are adequate for 75-89-100% of cows in this herd				
		7 If stall dimensions are adequate for 50-74% of cows in this herd				
		10 If stall dimensions are inadequate for most of the herd <50% of cows in this herd				
5		Competition for Resources				
	Score	Score Explanation		Enter Score here		
		1 No dead ends, <=100 % stocking density in CUD pen at least 24 inches of bunk space and at least 2 waterers and 2 inches of linear space/cow				
		4 No overcrowding but 1 of following is present: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow				
		7 Overcrowding and 1 of following is present: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow				
		10 Overcrowding and/or >2 of following is present: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow				
6		Determine if there is an extreme housing change for cows from lactating housing to dry cow housing. Any dry cow housing qualifies.				
	Score	Score Explanation		Enter Score here		
		1 If loose pen housing in dry period to either tie or free stall OR freestall to freestall				
		4 If dry cows are housed in tiestall and milk cows are housed in freestall OR dry cows in a freestall and milk cows in a tiestall				
		7 If dry cows are housed in tiestall AND milk cows are housed in tiestall				
		10 Do not use for this questions				
7		Heat abatement				
	Score	Score Explanation		Enter Score here		
		1 If there are Fans and sprinklers and run at appropriate temps ~68-70F or appropriate tunnel with correct CFM				
		4 If there are fans or sprinklers or tunnel but run when its hot or on manual				
		7 If there are fans or sprinklers or tunnel, but not Dry cows OR fans only but doesn't reach all cows such as with too few fans or HVLS fans in the feed alley				
		10 No heat abatement				
			Infectious		Non-Infectious	
			Score	Max	Score	Max
		Total Dry and CU Heifer	0	40	0	37
		Questions	1,2,3,4		4,5,6,7	

Section 6

Lactating Cows

Question					
1		Visibly assess the hygiene of cows currently in the lactating herd and base score on majority of animals			
	Score	Score Explanation		Enter Score here	
		1 The cows have no manure visible on hind legs, teats or udde			
		4 Manure is present on hind legs but not above dewclaws, and not on teats or udder			
		7 Manure is present on hind legs up to the hocks OR is present on the surface of the teats and			
		10 Manure is present above the hocks AND is present on the teats or udder			
2		Bedding amounts in stalls or pens			
	Score	Score Explanation		Enter Score here	
		1 90% or more of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, 90% of stalls are level and have no bedding hollows)			
		4 50 to 90% of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, 50% have no hollows)			
		7 Less than 50% of stalls have 90% of stall surface completely covered by at least 5 cm (2 inches) of bedding (or if sand bedded, less than 50% of stalls are without hollows)			
		10 There is little or no bedding (i.e. less than 30% of stall surface covered in most stalls) or most sand bedded stalls have hollows			
3		Scraping/Pattie Cleaning frequency:			
	Score	Score Explanation		Enter Score here	
		If freestall or pack with scrape alley			
		1 Tractor Scraped 2x/day OR automatic slat cleaner			
		4 Tractor Scraped 1 x/day score or automatic alley scraper 2-3x/day OR Slats scraped with alley scrape			
		7 Tractor Scraped <1x/daily or automatic alley scraper 4-5x/day OR Slats not scraped			
		10 Tractor Scraped as needed or automatic alley scraper >5x/day			
		If Tie-Stall or pack without scrape alley. Visibly score the bedding			
		1 No visible manure, new bedding has been added, bedding/stalls is dry			
		4 Visible manure covering 10% of the bedding/stalls			
		7 Visible manure covering 50% of the bedding/stalls			
		10 Visible manure covering 60% (2/3rds) or more of the bedding/stalls			
4		Stall dimension: Based on cow observations +/-stall measurements			
	Score	Score Explanation		Enter Score here	
		1 If stall dimensions are adequate for 90-100% of cows in this herd			
		4 If stall dimensions are adequate for 75-89% of cows in this herd			
		7 If stall dimensions are adequate for 50-74% of cows in this herd			
		10 If stall dimensions are inadequate for most of the (>50%) of cows in this herd			

Section 6

Lactating Cows

5				
Competition for Resources				
Score	Score Explanation		Enter Score here	
	1 <i>In All Pens: No dead ends, <=100 % stocking density in all pens at least 24 inches of bunk space and at least 2 waterers and 2 inches of linear space/cow OR tiestall</i>			
	4 <i>No overcrowding of stalls but 1 of following is present in 1 pen: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow</i>			
	7 <i>Overcrowding of stalls, but not fresh or high group and 1 of following is present in 1 pen only: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow</i>			
	10 <i>Overcrowding of stalls in fresh or high group OR overcrowding in 1 group barn AND/OR >1 of following is present in multiple pens: Dead ends, <24 inches of bunk space, < 2 waterers or <2 inches of linear space/cow</i>			
6				
Time in holding area				
Score	Score Explanation		Enter Score here	
	1 <i>If all cows spend <3 hours total time/day (2x/3x) OR tiestall</i>			
	4 <i>If 1 groups (not fresh) spend 3-4 hours total time/day</i>			
	7 <i>If multiple groups (not fresh) spend 3-4 hours total time/day</i>			
	10 <i>If all groups spend >4 hours total time/day or fresh cows spend > 3 hours total time/day</i>			
7				
How often are cows forced to be away from stalls for more than 30 minutes (typical eating bout), other than milking time. This time can include being locked in headlocks, being sorted away from home pen for breeding/ preg checks, or being let outside in tiestall				
Score	Score Explanation		Enter Score here	
	1 <i>If occurs <1x/week OR if tie stall there is an opportunity for cow to lie down AND < 2 hours daily</i>			
	4 <i>If occurs 1-3x/week OR if tie stall there is NO opportunity for cow to lie down OR < 2 hours daily</i>			
	7 <i>If occurs >3x/week OR if tie stall there is no opportunity for cow to lie down AND 2-4 hours daily</i>			
	10 <i>If fresh group is locked up daily for >30 min OR if tie stall there is no opportunity for cows to lie down for > 4 hours daily</i>			
8				
Heat abatement				
Score	Score Explanation		Enter Score here	
	1 <i>If there are Fans and sprinklers and run at appropriate temps ~68-70F or appropriate tunnel with correct CFM</i>			
	4 <i>If there are fans or sprinklers or tunnel but run when it's hot or on manual</i>			
	7 <i>If there are fans or sprinklers or tunnel but doesn't reach all cows such tunnel with too few fans or HVLS fans in the feed alley</i>			
	10 <i>No heat abatement</i>			

Section 6

Lactating Cows

		<i>Infectious</i>		<i>Non-Infectious</i>	
		<i>Score</i>	<i>Max</i>	<i>Score</i>	<i>Max</i>
Total Lactating Scores		0	60	0	60
		<i>Questions</i>	<i>1,2,3,4, 5,8</i>	<i>2,4,5,6, 7,8</i>	

Section 7

Flooring

Question

1		Estimate % of floors that have pooled manure or puddles or exposure to mud		
	Score	Score Explanation	Enter Score here	
		1 <i>If none anywhere</i>		
		4 <i>If 1-10% of floors OR on way to exercise area for tiestalls</i>		
		7 <i>If 10-25% of floors,OR on way to exercise area for tiestall</i>		
		10 <i>If most of cow walking area OR holding area OR exposure is occurs for >50% of cows (for example on in a transfer lane there's dip that all cows need to walk through)</i>		
2		Estimate % of floors that have rough or damaged concrete		
	Score	Score Explanation	Enter Score here	
		1 <i>If none anywhere</i>		
		4 <i>If 1-10% of floors OR on way to exercise area for tiestalls</i>		
		7 <i>If 10-25% of floors,OR exercise area for tiestall</i>		
		10 <i>If most of cow walking area or holding area</i>		
3		Estimate % of floors that are slippery (including rubber) Slippery means you observe cows slipping		
	Score	Score Explanation	Enter Score here	
		1 <i>If no slippery floors anywher</i>		
		4 <i>If 1-10% of floors OR on way to exercise area for tiestalls</i>		
		7 <i>If 10-25% of floors,OR exercise area for tiestal</i>		
		10 <i>If most of cow walking area or holding area</i>		
4		Estimate % of floors that are steep >4% slope		
	Score	Score Explanation	Enter Score here	
		1 <i>If no steep slopes anywhere</i>		
		4 <i>If 1-10% of floors OR exercise area for tiestall OR all steep slopes have rubber</i>		
		7 <i>If 10-25% of floor</i>		
		10 <i>If most of cow walking area or holding are</i>		
5		Assess location of slats and estimate % of time on slats		
	Score	Score Explanation	Enter Score here	
		1 <i>If no slats anywhere</i>		
		4 <i>If small area for manure drops or low traffic areas</i>		
		7 <i>If in holding area only</i>		
		10 <i>If main barn alley</i>		

Section 7

Flooring

6		Evaluate cow behaviour when cows are being moved, sorted and handled in the holding area				
	Score	Score Explanation		Enter Score here		
	1	If no cows are observed running or slipping in any location				
	4	If cows are observed running/slipping with a single handler AND cows are NOT physically				
	7	If cows are observed running/slipping with multiple handlers AND cows are NOT				
	10	If cows are observed running/slipping with multiple handlers OR cows are physically				
			Infectious		Non-Infectious	
			Score	Max	Score	Max
		Total Flooring Scores	0	10	0	60
		Questions	1		2,3,4,5, 6	

Section 8

Prevention

Question

1		From trimming records determine how often cows are trimmed as a preventative.			
	Score	Score Explanation		Enter Score here	
		1 <i>If >80% cows are trimmed 2x/year or more and hoof trimmer visits occur >2x/yea</i>			
		4 <i>If < 80% cows are trimmed 2x/year OR hoof trimmer only visits farm 2x/year</i>			
		7 <i>If cows are trimmed 1x/year</i>			
		10 <i>If cows are trimmed as needed</i>			
2		Evaluate hoof trimming technique and look for over/under trimming (see document)			
	Score	Score Explanation		Enter Score here	
		1 <i>If HT preserves non-weight bearing heel and claw, balances heels, does some modelling of weight bearing claw and leaves appropriate length and thickness</i>			
		4 <i>If HT DOES NOT do 1 of the following: preserves non-weight bearing heel and claw, balances heels, does some modelling of weight bearing claw and leaves appropriate length and thickness</i>			
		7 <i>If HT DOES NOT do >1 of the following: preserves non-weight bearing heel and claw, balances heels, does some modelling of weight bearing claw and leaves appropriate length and thickness</i>			
		10 <i>If HT trims the abaxial or axial wall</i>			
3		Assess if there is an on farm chute available for use by on farm staff. Also assess ease of use and safety.			
	Score	Score Explanation		Enter Score here	
		1 <i>If there is an on farm chute present that is safe, easily accessible (is in a permanent location), cow can be moved to chute by one person and a person on farm has been trained on appropriate treatment techniques</i>			
		4 <i>If on farm chute is safe to use, but 1 of the following criteria is NOT met easily accessible (is in a permanent location), cow can be moved to chute by one person and a person on farm has been trained on appropriate treatment techniques</i>			
		7 <i>If >1 of the following criteria is NOT met: on farm chute is safe to use, easily accessible (is in a permanent location), cow can be moved to chute by one person and a person on farm has been trained on appropriate treatment techniques</i>			
		10 <i>If No on farm chute</i>			
4		Determine if heifers are trimmed before calving.			
	Score	Score Explanation		Enter Score here	
		1 <i>If every heifer is trimmed 2-3 months before calving (this requires more than 2 HT visits/year)</i>			
		4 <i>If every heifer is trimmed before calving, but it occurs at bi-annual HT visit</i>			
		7 <i>If only heifer close to calving are trimmed at annual or bi-annual HT visits</i>			
		10 <i>If heifers are never trimmed before calving</i>			

Section 8

Prevention

5		Is there a separate area where severely lame cows can be put to recover quicker?				
	<i>Score</i>	<i>Score Explanation</i>		Enter Score here		
		1 <i>If there is a dedicated recovery area for lame/sick cows</i>				
		4 <i>If the recovery area is the maternity pen, and there is more than 1 pen</i>				
		7 <i>If the recovery area is the maternity pen, but there is only 1 pen OR seasonally use pasture</i>				
		10 <i>If lame cows are never removed from cow housing</i>				
			<i>Infectious</i>		<i>Non-Infectious</i>	
			<i>Score</i>	<i>Max</i>	<i>Score</i>	<i>Max</i>
		Total Prevention Scores		0	0	50
			<i>Questions</i>		<i>1,2,3,4, 5</i>	

Section 9

Footbathing

Question

1	Determine the suitability of the farm's preventative infectious lameness program. Assess frequency of use (can be chemical or water only) and cleaning					
Score	Score Explanation		Enter Score here			
	If the farm has a written protocol and 1 of the following: uses a footbath 4-7x/week AND solution gets changed after 150-200 cows OR has a monthly spraying protocol that is at least 4-5 consecutive days OR does not have DD					
	1					
	If the farm DOES NOT have a written protocol, but does do 1 of the following: uses a footbath 4-7x/week AND solution gets changed after 150-200 cows OR has a monthly spraying protocol that is at least 4-5 consecutive days					
	4					
	If the farm uses a footbath 1-3x/week OR more than 200 go through 1 solution daily OR has a monthly spraying protocol that is <4 consecutive days					
	7					
	If the farm uses a footbath as needed OR sprays only the problem cows OR does not have protocol at all					
	10					
2	Measure length and depth of footbath					
Score	Score Explanation		Enter Score here			
	If the footbath is at least 10 ft (3m) long AND depth of water is at least 3 inches (6.5cm) AND there is no pre bath OR if 1 fill of the sprayer can spray the entire herd					
	1					
	If the footbath is at least 8 ft (2.4m) long AND depth of water is at least 3 inches (6.5cm) AND there is no pre bath					
	4					
	If it takes more than 1 fill of the sprayer to spray the herd OR If the 1 of the following criteria is present: footbath is <8 ft (2.4m) long OR depth of water is < 3 inches (6.5cm) OR there is a pre bath					
	7					
	If the 2 of the following criteria is present: footbath is <8 ft (2.4m) long OR depth of water is < 3 inches (6.5cm) OR there is a pre bath					
	10					
3	Determine frequency of preventative protocol on heifers/dry cows.					
Score	Score Explanation		Enter Score here			
	If heifers do not have DD AND are housed separate from mature cows AND Dry cows are treated weekly more than once (can be repeated on same day) OR if Dry cows and heifers are treated weekly more than once (can be repeated on same day)					
	1					
	If Dry cows and heifers are treated every other weekly more than once (can be repeated on same day)					
	4					
	If Dry cows and heifers are treated as needed					
	7					
	If Dry cows and heifers are never treated					
	10					
			Infectious	Non-Infectious		
			Score	Max	Score	Max
	Total Footbath Scores		0	30		0
		Questions	1,2,3			

Section 10

Lameness Therapy

Question

1		Assess timelines of treatment and if there is 1 specific lameness personnel. To assess pick out an obviously lame cow and ask her history and who's job it was to find her.		
	Score	Score Explanation		Enter Score here
		90% of cows are treated within 2 days of identification AND there is 1 designated cows 1 side person in charge of lameness		
		90% of cows are treated within a week of identification AND there is 1 designated cows 4 side person in charge of lameness		
		7 >75% of cases are treated by veterinarian or > 1 week, OR there is NOT 1 designated cows side person in charge of lameness		
		10 >75% of cases are treated by hoof trimmer or delay is > 3 weeks		
2		Evaluate treatment technique/protocol for Sole Ulcer/WLD/DD		
	Score	Score Explanation		Enter Score here
		There is a written treatment protocol for the 3 major hoof diseases on the dairy AND there is evidence that the protocols followed appropriately AND the protocol includes ALL of the following: the use of appropriately size hoof blocks, if wraps are used no evidence of wraps on cows >1 day, automatic rechecks of cows with blocks, a dose for the treatment used for 1 DD		
		There is NO written treatment protocol for the 3 major hoof diseases on the dairy BUT there is evidence that the actual protocols followed includes ALL of the following: the use of appropriately size hoof blocks, if wraps are used no evidence of wraps on cows >1 day, 4 automatic rechecks of cows with blocks, a dose for the treatment used for DD		
		7 There is NO written treatment protocol for the 3 major hoof diseases on the dairy AND there is evidence that the actual protocols followed DOES NOT include 1 of the following: the use of appropriately size hoof blocks, if wraps are used no evidence of wraps on cows >1 day, automatic rechecks of cows with blocks, a dose for the treatment used for DD		
		10 There is NO written treatment protocol for the 3 major hoof diseases on the dairy AND there is evidence that the actual protocols followed DOES NOT include >1 of the following: the use of appropriately size hoof blocks, if wraps are used no evidence of wraps on cows >1 day, automatic rechecks of cows with blocks, a dose for the treatment used for DD		
3		Lameness and hoof trimming records		
	Score	Score Explanation		Enter Score here
		All lameness case, treatment and hoof trimming events are recorded and entered into 1 permanent recording system		
		All lameness cases, treatments and hoof trimming events are recorded in on-farm paper 4 records		
		7 Few lamenes cases, treatment or hoof trimming records of any kind		
		10 No lamenes or hoof trimmingt records at all		

Section 10

Lameness Therapy

		<i>Infectious</i>		<i>Non-Infectious</i>	
		<i>Score</i>	<i>Max</i>	<i>Score</i>	<i>Max</i>
Total Lameness Therapy Scores		0	30	0	30
<i>Questions</i>		<i>1,2,3</i>		<i>1,2,3</i>	