

(b)(5) - Deliberative Form:

Date:

9/19/19

Animal I.D.: [REDACTED] Not on trial

Description of Event:

Cow [REDACTED] (>10 years old, weight 1580 lbs, BCS 8.0) was found in [REDACTED] as she was limping on her right hind leg during the daily herd check. She was brought to the [REDACTED] (b)(6) by stock trailer. She walked into the chute calmly and slowly with no hesitation. The standard lower right-side door to the chute was opened and a rope with a quick release was placed around her right hind foot. Her foot was examined briefly and the medication Excede was injected SQ at the base of the right ear. When trying to remove the rope from her foot, she kicked her foot outside the lower side door. She tried to get her foot back in the chute a few times, but then stood quietly. The head gate and squeeze were released to allow her more room to maneuver and get her foot back into the main chute area. She started to go down in the chute and at that time the head gate and squeeze were released so as to be fully open for her to exit the chute. She then proceeded to collapse all the way down and tried to get up 2-3 times and then quit breathing and expired.

Notification of Veterinarian:

- Phone Call
- Site Visit (Veterinarian was present during this event)

Recommendation of Veterinarian:

(b)(5) - Deliberative

: (b)(5) - Deliberative

(b)(5) - Deliberative Exam:

(b)(5) - Deliberative

Herd Implications: (Circle one)

YES

NO

Implication Procedure:

(b)(5) - Deliberative

(b)(5) - Deliberative

9/19/19- [REDACTED] was notified and she suggested [REDACTED] call and talk with [REDACTED]. An email was sent to [REDACTED] (b) (6) alerting him to the event and that [REDACTED] would be calling [REDACTED]. (b) (6) IACUC chair was notified and agreed that AV should call and discuss the event with [REDACTED]. (b) (6) IO was out of the office.

9/20/19- (b) (6) called (b) (6) and discussed the event as written above. (b)(5) - Deliberative

(b)(5) - Deliberative

9/20/19- [REDACTED] spoke with [REDACTED] about the event. (b)(5) - Deliberative
(b)(5) - Deliberative

10/31/19-incident reported by AV in the Animal Care Update to the majority IACUC members in attendance at the semi-annual meeting.

(b)(5) - Deliberative

Signatures:

Clinical Veterinarian

Technician/Herdsmen:

Report Number:

Adverse Event Report

In accordance with ARS Policy and Procedure 130.4v.4, Institutional Animal Care and Use Committee, the IACUC is required to provide the results of any adverse events in writing to the IO within 5 business days of the conclusion of the investigation. This completed form should be provided to the IO and a copy with the IO's signature of receipt maintained in the IACUC's files.

1. Contact Submission Information (what was the event and how was it discovered):

Nilgai antelope found dead in field – presumed snake bit

2. Facility or Animal Location:

(b)(6)

3. Date of the Observation of the event or incident:

20FEB2019

4. IACUC Projects related to this form:

Field Evaluation of Feeder Acceptance by Naïve Nilgai and Interactions with White-tailed Deer.

5. Describe the event or incident:

Nilgai was found dead in the field. Due to decomposition a necropsy could not be performed, but a snake bite was suspected as cause of death.

6. Was animal death observed or were dead animals present?

A single nilgai was found dead.

7. Who was contacted to assist with the adverse event?

(b)(6) (PI) (b)(6) (IACUC-chair), and (b)(6) (IO)

8. Describe what measures were undertaken to minimize impact on animals.

(b)(5) - Deliberative

9. Describe what measures will be undertaken after the event to minimize the likelihood of reoccurrence. (Include corrective action, person responsible, date by and date completed.)

(b)(5) - Deliberative

Report Received by IACUC Chairperson and/or other IACUC members:

(b)(6)

Signature(s)

Investigation Requested by:

Signature:

Date:

Verification of Receipt of Adverse Event Report by the IO:

(b)(6)

Signature:

Date:

From: (b)(6)
To: (b)(6) - ARS
Subject: vet report
Date: Friday, September 13, 2019 2:58:11 PM
Attachments: [vet report 6587.pdf](#)

(b)(6)

This calf has a puncture wound and swelling on one leg. So (b) (6) treated it. (b)(5) - Deliberative
(b)(5) - Deliberative

(b)(6)



F7: Daily Animal Health Observations

Study No: 2018-10 Investigator: [REDACTED] Site: USDA-ARS
Date: 9/13/19 Start time: 11:05 AM
☐ All animals are normal ☒ All animals are normal except those listed below

Animal ID	Comment
(b)(6) TAG ANGUS STEER APPROX 550 lbs.	(b)(5) - Deliberative
End time of observations: 11:15 AM	
Observed/Recorded by: (b)(6)	
Investigator initials and date: (b)(6) 9/13/19	

Report Number:

Adverse Event Report

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1. Contact Submission Information (what was the event and how was it discovered):

Calf in pasture was found with an injured hoof

2. Facility or Animal Location:

(b)(6)

3. Date of the Observation of the event or incident:

29OCT2019

4. IACUC Projects related to this form:

Calf was not on study but was being used as a tick tracer for the following two studies: Interaction of a Long Acting Eprinomectin Product with BM86 Vaccination Against Cattle Fever Ticks-Controlled Field Study and Interaction of 1% Doramectin with BM86 vaccination against Cattle Fever Ticks-Controlled Field Study

5. Describe the event or incident:

Calf in pasture was observed to have an injured hoof.

(b)(5) - Deliberative On 01NOV2019 it was observed that lameness was increasing. The animal was then transported by trailer to a local vet clinic for treatment and was boarded at the clinic in order to receive necessary veterinary care. Once the hoof had healed, the calf was transported back to the lab on 11NOV2019.

6. Was animal death observed or were dead animals present?

No animal death occurred.

7. Who was contacted to assist with the adverse event?

Don Thomas (IACUC co-chair), Kim Lohmeyer (IACUC-chair), and Beto Perez de Leon (IO)

8. Describe what measures were undertaken to minimize impact on animals.

(b)(5) - Deliberative

9. Describe what measures will be undertaken after the event to minimize the likelihood of recurrence. (Include corrective action, person responsible, date by and date completed)

(b)(5) - Deliberative

Report Received by IACUC Chairperson and/or other IACUC members:

Signature(s): (b)(6)

Investigation

Signature:

Date:

Verification of Receipt of Adverse Event Report by the IO:

(b)(6)

Signature:

Date:

Report Number:

Adverse Event Report

In accordance with ARS Policy and Procedure 130.4v.4, Institutional Animal Care and Use Committee, the IACUC is required to provide the results of any adverse events in writing to the IO within 5 business days of the conclusion of the investigation. This completed form should be provided to the IO and a copy with the IO's signature of receipt maintained in the IACUC's files.

1. Contact Submission Information (what was the event and how was it discovered):	
Mortality signal from GPS collar received – nilgai found dead from gunshot wound	
2. Facility or Animal Location:	
(b)(6)	
3. Date of the Observation of the event or incident:	
06NOV2019	
4. IACUC Projects related to this form:	
Development and Testing of Remote Activated Ultraquiet Field Sprayer for Eradication of Cattle Fever Ticks on Nilgai and White-tailed Deer	
5. Describe the event or incident:	
Mortality signal was received from the collar of a GPS collared nilgai. Researchers searched for the animal and found it dead from a gunshot. Study is being conducted on a (b)(6) with active hunting. Hunters are asked not to shoot collared animals.	
6. Was animal death observed or were dead animals present?	
One dead nilgai was observed.	
7. Who was contacted to assist with the adverse event?	
(b)(6) (IACUC co-chair) and (b)(6) (IACUC-chair) and (b)(6) (IO)	
8. Describe what measures were undertaken to minimize impact on animals.	
(b)(5) - Deliberative	
9. Describe what measures will be undertaken after the event to minimize the likelihood of reoccurrence. (Include corrective action, person responsible, date by and date completed.)	
(b)(5) - Deliberative	
Report Received by IACUC Chairperson and/or other IACUC members:	
Signature(s):	(b)(6)
Investigation Requested by:	
Signature:	Date:
Verification of Receipt of Adverse Event Report by the IO:	
(b)(6)	
Signature:	Date:

Report Number:

Adverse Event Report

In accordance with ARS Policy and Procedure 130.4v.4, Institutional Animal Care and Use Committee, the IACUC is required to provide the results of any adverse events in writing to the IO within 5 business days of the conclusion of the investigation. This completed form should be provided to the IO and a copy with the IO's signature of receipt maintained in the IACUC's files.

1. Contact Submission Information (what was the event and how was it discovered):	
Ear tagged nilgai harvested by APHIS/Texas Animal Health Commission	
2. Facility or Animal Location:	
(b)(6)	
3. Date of the Observation of the event or incident:	
14 JAN 2020	
4. IACUC Projects related to this form:	
Development and Testing of Remote-Activated Ultra-quiet Field Sprayer for Eradication of Cattle Fever Ticks on Nilgai and White-tailed Deer	
5. Describe the event or incident:	
Ear tagged nilgai was harvested as part of a cull being conducted by APHIS/Texas Animal Health Commission	
6. Was animal death observed or were dead animals present?	
One harvested nilgai was observed.	
7. Who was contacted to assist with the adverse event?	
(b)(6) IACUC co-chair) and (b)(6) IACUC-chair) and (b)(6) IO)	
8. Describe what measures were undertaken to minimize impact on animals.	
(b)(5) - Deliberative	
9. Describe what measures will be undertaken after the event to minimize the likelihood of reoccurrence. (Include corrective action, person responsible, date by and date completed.	
(b)(5) - Deliberative	
Report Received by IACUC Chairperson and/or other IACUC members:	
Signature(s):	(b)(6)
Investigation Requested by:	
Signature:	Date:
Verification of Receipt of Adverse Event Report by the IO:	
(b)(6)	
Signature:	Date:

From: Goolsby, John - ARS
To: (b)(6) ARS (b)(6)- ARS
Subject: Re: Satellite collared nilgai in study harvested on Jan 21
Date: Wednesday, January 22, 2020 10:29:32 AM

(b)(6) Yes. The whole area is being hunted. Thanks. (b)(6)

(b)(6) USDA-ARS

From: (b)(6) - ARS (b)(6)@usda.gov>
Sent: Wednesday, January 22, 2020 10:28:33 AM
To: (b)(6) - ARS (b)(6)@usda.gov>; (b)(6) - ARS
(b)(6)@usda.gov>
Subject: RE: Satellite collared nilgai in study harvested on Jan 21

(b)(5) - Deliberative

Thanks,
(b)(6)

From (b)(6) - ARS (b)(6)@usda.gov>
Sent: Wednesday, January 22, 2020 10:25 AM
To (b)(6) ARS (b)(6)@usda.gov> (b)(6)- ARS < (b)(6)@usda.gov>
Subject: Re: Satellite collared nilgai in study harvested on Jan 21

(b)(6)

Thanks for the update.

(b)(6)

Do we need additional information for IACUC purposes?

Best to all,

(b)(6)

From: (b)(6) - ARS" (b)(6)@usda.gov>
Date: Wednesday, January 22, 2020 at 10:12 AM
To: (b)(6) - ARS" (b)(6)@usda.gov>, " (b)(6) - ARS"
(b)(6)@usda.gov>
Subject: Satellite collared nilgai in study harvested on Jan 21

and [REDACTED] One of the satellite collared nilgai was harvested yesterday by a hunter in Cameron Co. It was a bull. TAMUK was contacted and are going to retrieve the satellite collar. Thanks, [REDACTED]

From: GPS Plus Data Forwarder <(b) (6)>

Sent: Wednesday, January 22, 2020 7:05 AM

To: (b) (6)@gmail.com; [REDACTED]@tamuk.edu (b) (6)@tamuk.edu; [REDACTED]

(b)(6) ARS (b)(6)@usda.gov; [REDACTED]@tamuk.edu

Subject: *** Mortality Event (Collar ID (b) (6)) ***

VECTRONIC Aerospace

*** MORTALITY EVENT DETECTED ***

Collar ID: [REDACTED]

Mortality Event: 21.01.2020 21:26:57 UTC

(b)(6)

(b)(6)

United States Department of Agriculture, Agricultural Research Service, Plains Area
Knippling-Bushland U.S. Livestock Insects Research Laboratory, Cattle Fever Tick Research Laboratory
22675 N. Moorefield Rd., Moore Airbase, Building 6419, Edinburg, Texas, USA 78541

Mobile: (b) (6)

Email: (b)(6)@ars.usda.gov

Get more information: www.ars.usda.gov

Sign up for AgResearch magazine alerts: agresearchmag@ars.usda.gov

From: (b)(6) -ARS
To: (b)(6) -ARS; (b)(6) -ARS
Cc: (b)(6)
Subject: WTD mort
Date: Monday, February 10, 2020 6:10:22 PM

(b)(6) and (b)(6). Today Feb 10 at 2 pm, we had one WTD mortality from capture with a broken dislocated hip. TAMUK euthanized it. Thanks. (b)(6)

(b)(6), USDA-ARS

From: (b)(6) ARS
To: (b)(6) - ARS
Cc: (b)(6)
Subject: Fw: Steer with lacerations on legs
Date: Wednesday, February 26, 2020 11:57:07 AM
Attachments: image008.png

Hi (b)(6)

Here's the pictures and the email chain of what was done about the hurt cow in the north (b)(6)
The vet is here today taking care of it.

Best,
(b)(6)

From: (b)(6) (b)(6) @ag.tamu.edu>
Sent: Wednesday, February 26, 2020 11:50 AM
To: (b)(6) - ARS (b)(6)@usda.gov>
Subject: FW: Steer with lacerations on legs

From: (b)(6) <(b)(6)>
Sent: Tuesday, February 25, 2020 1:14 PM
To: (b)(6) @ag.tamu.edu>
Cc: (b)(6) <(b)(6) @ag.tamu.edu>; (b)(6) @ag.tamu.edu>; (b)(6) @ag.tamu.edu>;
<(b)(6) @ag.tamu.edu>; (b)(6) @ag.tamu.edu>; (b)(6) @ag.tamu.edu>;
(b)(6) @ag.tamu.edu> (b)(6) a@ag.tamu.edu>
Subject: Re: Steer with lacerations on legs

Looks pretty bad (b)(6) .

The leg needs a compression bandage from knee to hoof. I suggest you get with Dr. Thomas and place a call to our vets in (b)(6) for a farm call. He will likely use a sedative to treat this calf.

(b)(6)

Sent from my iPhone

On Feb 25, 2020, at 10:37 AM, (b)(6) @ag.tamu.edu> wrote:

Hi

We have a steer in the P0 study that, since we moved it to the barn, has been behaving extremely nervous and consequence of this behavior now it is showing lacerations on its legs, one of them is getting bigger and deeper. The problem is when we try to treat

these lacerations, the steer jumps and moves inside the cage every time we try to apply the blue lotion, in addition, the spray we are using is small and the spray stream coming from it is only a few inches long so we have to do it too close to the leg in order to soak the wound with the product, putting on risk to the person that applies the product and the animal gets more nervous.

Can you help us with a product recommendation for this wound? Something that we can apply from a larger distance, 1 yard, and I think the big wound will require something else to heal.

Thanks in advance for your help.



<image004.jpg>

(b) (6)

(b) (6)

|| (b) (6)

|(b) (6)

| Cell Phone: (b) (6)

|(b) (6)

|

From: (b)(6) ARS
 To: (b)(6) ARS
 Subject: RE: IACUC: Nilgai calf euthanised
 Date: Monday, March 16, 2020 1:14:00 PM

H (b)(6)

I am sorry to hear that one of your study calves had to be euthanized. It sounds like (b)(6) did a great job of insuring the animal was properly cared for and given every opportunity to recover. For now, this email will suffice as proper notification for our IACUC committee. We have an IACUC meeting this Wednesday and I'll let the committee know what happened.

Once (b)(6) has the (b)(5) - Deliberative (b)(6) could also send us a copy of any documentation that she provides to her IACUC committee (like a timeline or treatment records), that would be appreciated.

Thanks,

(b)(6)

From: (b)(6) ARS (b)(6)@usda.gov>
 Sent: Monday, March 16, 2020 12:46 PM
 To: (b)(6) ARS <(b)(6)@usda.gov>
 Subject: IACUC: Nilgai calf euthanised

Hi (b)(6)

Some very sad news. One of the nilgai bull calves was exhibiting seizures beginning Friday.

(b)(6) called her veterinarian in charge of care, but she was out of the country.

(b)(6) was able to contact a veterinarian who used to care for the white-tailed deer herd that was housed at the (b)(6) research station. I don't have his name, but will get it. (b)(6)

(b)(5) - Deliberative (b)(6)

They agreed to receive it, so (b)(6) is right now driving the calf to College Station. She will share the report once it's available.

I know (b)(6) will let her IACUC know once she has the time, but also wanted to pass along the information to put in our files.

Is there anything else I need to provide?

Thanks,

(b)(6)