



University of California

Agriculture and Natural Resources ■ 4-H Youth Development Program



September 2020

7	Labor Day Holiday - UCCE Office Closed	
7-18	Kern County Fair - Virtual Video Upload https://www.kerncountyfair.com/p/livestock/kc-fair-virtual-livestock-show/video-guidelines	See KCF Online Video uploads due by Sept. 18th
27-29	Kern County Fair Virtual Judging Market	See KCF Online
30	Kern County Fair Virtual Champion Drive	See KCF Online

PLEASE NOTE: SEPTEMBER AND OCTOBER EVENTS ARE TENTATIVE AND SUBJECT TO POSTPONEMENT OR CANCELLATION AT ANY TIME - UCCE KERN OFFICE IS OPEN TO THE PUBLIC - LIMIT OF TWO VISITORS IN LOBBY - MASK IS MANDATORY FOR ALL VISITORS ENTRY PAST FRONT OFFICE WILL REQUIRE VERBAL COVID SYMPTOM SCREENING, TEMPERATURE CHECK AND SIGNING VISITOR LOG FOR CONTACT TRACING INFORMATION

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October 2020

1-2	Kern County Fair Virtual Auction - Sales Open	See KCF Online
3	Kern County Fair Virtual Auction - Sales Close	See KCF Online
4-6	Kern County Fair Livestock Delivery (Add on forms due 10-4)	See KCF Online
13	After Fair Meeting 6:00pm- VIA ZOOM Meeting	Teresa Andrews 661-979-1003
14	Community Leader Training 3:00pm- VIA ZOOM Meeting	Sue McKinney ismckinney@ucanr.edu
20	Community Club Leader Meeting 6:00pm VIA ZOOM Meeting	Sue McKinney ismckinney@ucanr.edu
27	Horse Leader Meeting 6:00pm- VIA ZOOM Meeting	Mellanie Burkhart 661-747-5810
27	Leader Council Meeting - 7 pm- VIA ZOOM Meeting	Jeanne Walford 661-831-1639
30	Hi 4-H Enrollment Closes	Amy Andrews 661-348-6305

Kern County 4-H

1031 S. Mt. Vernon Avenue
Bakersfield CA 93307-2851

Phone: 661-868-6200

Fax: 661-868-6208

or cekern@ucdavis.edu



*Meeting is at the UC Extension Office, 1031 S. Mt. Vernon Avenue, Bakersfield, CA - Wheelchair accessible. Please contact UCCE Kern at 661-868-6200 if any special accommodations. Individuals who need to request an ADA accommodation in order to participate in 4-H sponsored events and activities can contact your local 4-H Office to complete a 4-H ADA Accommodation Request Form: <http://4h.ucanr.edu/files/153972.docx>

UC ANR COVID-19 UPDATES

IMPORTANT INFORMATION FOR ALL 4-H MEMBERS AND LEADERS

[UCANR Awareness of COVID-19](#)

[UC ANR Mitigation Standards](#)

[UC ANR Safety Standards for Resuming In-Person Activity for Stage2](#)

In-person meetings, activities, etc. are still prohibited, unless the total number of attendees is 10 or less. That would include the aggregate number of kids, parents, leaders, etc. So in almost all cases involving clubs, county-based activities, council meetings, and so forth, 4-H is not authorized to resume physical operations, since the number of attendees would exceed the maximum number allowed.

BE AN ACTIVE MEMBER FOR NEW PROGRAM YEAR 2020/2021

REGISTRATION STARTED JULY 2020

**LOG ON TO 4-H ONLINE ACCOUNT AND
RE-ENROLL - PAY FEES TO CLUB LEADER**

NEW REGISTRATION FEES

\$60 YOUTH MEMBER/\$30 ADULT VOLUNTEER

Attention 4-Hers who want to show at the fair and who have not taken the required YQCA Ethics Training!

In order to sign up to take the YQCA (<http://yqca.org/>) and complete your fair entry (<https://www.kerncountyfair.com/>) you must be an active 4-H member for the 2020-2021 program year. Your dues must be paid and you must be registered on 4-H online (<https://www.4honline.com/>).

Please make sure your leader has received your dues and turned them in to the 4-H office.

If you have already taken the YQCA ethics training, the test is good for one year. This year must cover the date of the fair contest. For example, if you took the YQCA right before the fair last year you will need to take it again before the fair this year.

Thank you!

The 4-H ONLINE RECORD BOOK (ORB) TO SUNSET EFFECTIVE JULY 1, 2020

Due to development challenges and a rapidly changing technological environment have led UC 4-H to difficult decision to sunset ORB on July 1, 2020.

Those who are currently using ORB for the 2019-20 program year will have access through December 31, 2020 to complete their record book.

Stakeholder Letter

For a comprehensive explanation, the timeline, and support help during the transition, please download the following [ORB Stakeholder Letter](#).

For updated information and ongoing support related to the sunseting of ORB, visit https://ucanr.edu/sites/4horbhelp/ORB_Sunset_Support_Page/



The Kern County Fair Board has announced that the 2020 Kern County Fair Livestock Show will be a Virtual Show and Sale!!

Due to the restrictions of the COVID-19 pandemic in Kern County the fair is going to have a Virtual Show and Sale for Market Animals only (Market Beef, Market Sheep, Market Goats, Market Swine, Replacement Heifers, Open and Bred Beef Heifers, Rabbit Meat Pens and Fryers, Market Turkeys and Poultry Meat Pens ONLY) as per CDFA Guidelines. **There will be NO Showmanship, Kern Bred and Fed or Breeding Animals Shown! If you already entered for a Breeding show, you will be refunded.**

***Entry Closing, DNA and Ear tagging dates still stay the same dates as what is listed in the 2020 Kern County Fair Livestock Book!!!

*** Within the next few weeks please check the Kern County Fair website under livestock on how the virtual show and sale will run!!

If you have any questions or need help with anything please email Teresa Andrews cknjock@yahoo.com Kristine Hudson htopgoats@yahoo.com or Dawn Stornetta dstornetta@kerncountyfair.com

Thank you,
Amy Andrews
Council Vice President



Attention Teen 4-Hers'!

Looking for something to do in your
spare time?

Join Hi 4-H Now

What is Hi 4-H? – A special group for 4-H members aged 13-19 to do
leadership and community service projects and to just have fun!

How Do I Join –

Go to <http://ucanr.edu/signmeup4hi4-h>
and complete the Survey.
Contact Amy Andrews for
more Info
amyandrews94@gmail.com

4-H Virtual Camp, Clinics, and Classes

4-H Livestock Camp

Recommended age: Grades 3-5

Courtesy of Oklahoma State University, Oklahoma 4-H

Become a livestock scientist with the activities in this virtual camp! Learn about livestock nutrition, water quality, dairy science, and more with fun, hands-on activities!

[Learn about livestock!](#)

Egg Discovery

Recommended age: Grades Pre-K-5

Courtesy of University of Nebraska-Lincoln, Nebraska 4-H

Explore the life cycle of an embryo and how life develops! Observe the process of incubating and hatching chicks, identify parental traits that influence the appearance of the chicks, and recognize where eggs and chicken meat come from.

[Watch the stages of an egg!](#)

Animal U

Recommended age: Grades 3-12

Courtesy of Iowa State University, Iowa 4-H

This innovative online learning tool to engage kids in learning about the science behind livestock production. Explore 85+ lessons in beef, swine, and careers that youth may access at any time!

[Animal 101](#)

Virtual Showmanship Clinics

Recommended age: Grades 6-12

Courtesy of North Dakota State University, North Dakota 4-H

Watch these virtual showmanship clinics with videos to learn about topics covering sheep, meat goats, swine, poultry, cattle, and rabbits!

[Watch and learn!](#)

More Weekly Lessons & Resources:

[Gardening & Plant Science](#)

[Coding & Computers](#)

[Mind & Body](#)

[Making, Media & Visual Arts](#)

[Virtual 4-H Camp, Painting & Chemical Reactions](#)

[Helpers, Heroes & History](#)

JUNIOR LIVESTOCK SCHOLARSHIP PROGRAM

Sponsored by The Kern County Fair + Butler Amusements + Friends of the Kern County Fair

Standards, Eligibility, and Basis for Judging

1. Applicants must be an exhibitor at the Kern County Fair during the year of the award.
2. Applicants must be a member in good standing of the Livestock Department.
3. Applicants must be a high school senior or higher.
4. Completed applications are due by noon, September 10, 2020, in the Kern County Fair Administration Office, 1142 South P Street, Bakersfield, CA 93307, and must include the following;

- Completed Application
- Letter of recommendation from an adult, other than your parent
- Last full year, semester, or quarter transcript

The envelope must state "Kern County Fair Junior Livestock Scholarship Program".

5. Winners of the Kern County Fair, Butler Amusements, and Friends of the Kern County Fair Junior Livestock Scholarship will not be eligible to apply in subsequent years.
6. Scholarship applications will be judged as follows:
 - Scholastic Ability – 30%
 - Agricultural Involvement – 40%
 - Community Involvement – 30%
7. The Scholarship Judging Committee is composed of members of the Friends of the Kern County Fair Board. The Judging Committee will review the applications and select the winners.
8. The decisions of the Scholarship Committee shall be considered final.
9. The scholarship recipients will be announced during the Livestock Parade of Champions, September 30, 2020.



JUNIOR LIVESTOCK SCHOLARSHIP PROGRAM

Sponsored by The Kern County Fair + Butler Amusements + Friends of the Kern County Fair

Name: _____

Home Address: _____

City: _____ State: _____ Zip Code: _____

Birthdate: _____ Phone: _____

Graduation Date: _____ School: _____

Email Address: _____

Accomplishments:

Variety and type of agricultural activities, including projects, awards, recognitions and offices held

Career Goals:

JUNIOR LIVESTOCK SCHOLARSHIP PROGRAM

Sponsored by The Kern County Fair + Butler Amusements + Friends of the Kern County Fair

Community Service:

Services performed outside of school

List of Projects Relating to the Fair:

I have read and hereby accept the conditions, rules and regulations and the decision of the judges as final.

Applicant's Signature: _____ Date: _____



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(530) 750-1334 | Fax (530) 756-1148

Dear 4-H Community,

Hello from the State 4-H Office, I hope this post finds you and your family safe and secure. I want to take this time to brief you on some new developments, as well as thank all of the 4-H professionals around the state working so hard to keep you and your family engaged in learning and social activities during the shelter in place mandate.

As you are all aware, due to the COVID-19 pandemic, many fairs in California are being cancelled at the discretion of their Fair Boards or due to the State of California shelter-in-place directive. This situation has raised questions relative to how 4-H members can complete their 4-H goals for the year if fairs, still exhibit competitions, livestock shows, and junior livestock auctions are cancelled.

In the event your fair is cancelled, your Fair Board will determine if alternate opportunities, such as a (virtual) junior livestock show and auction, will be put into place. If your Fair Board determines it will not provide alternate opportunities, a team of 4-H staff are exploring alternative educational activities such as virtual showmanship classes, skill-a-thons, and exhibitions for youth to participate in to demonstrate their educational accomplishments and successfully complete their goals for the year.

Due to the rigorous food and consumer safety standards set forth by the California Department of Food and Agriculture (CDFA) for market animals which are sold at junior livestock auctions, and the time, expertise and preparation needed to meet these standards, the University of California 4-H Youth Development Program is not granting permissions for new 4-H sponsored livestock auctions to take place. This is in accordance with long-standing 4-H policy CA 4-H Policy Handbook, Chapter 7, Part V. <http://4h.ucanr.edu/Resources/Policies/Chapter7/#V>.

Recognizing opportunities such as virtual showmanship and skill-a-thons do not address the fiscal considerations or concerns associated with livestock projects, we know there is still value in youth participating in livestock projects. Participation in these projects creates opportunities for participants to enhance their skills in accepting responsibility, setting goals, develop[ing] self-discipline, self-motivation, and knowledge of the livestock industry¹, as well as [developing] responsibility, relating to others, spirit of inquiry, decision making, public speaking, maintaining records, and building self-esteem².

While finances are certainly a component in making the decision to participate in a livestock project, we encourage each 4-H family to weigh the options and make a decision that is right for them. Due to the uncertainty around fairs and livestock

programs, this could mean some 4-H members and their families opt out of participating in livestock projects at this time. Should you choose to move forward with a livestock project (later fairs) or if you have already undertaken that endeavor (earlier fairs), we encourage you to look for responsible ways to minimize any personal financial losses.

Additionally, state 4-H teams are working to make decisions about other large-scale events that take place on an annual basis. The decision to hold the State 4-H Field Day virtually has already been made: <https://ucanr.edu/sites/sfd/> and decisions about summer camps, California 4-H Focus and State Leadership Conference will come forth in the weeks to come.

Finally, the cancellation, postponement or mandate to only meet virtually has been extended for UC ANR and the 4-H Youth Development Program through June 1st. We continue to monitor the statewide and local restrictions on gatherings and consult with UC ANR leaders and will provide updates as conditions change. I realize this has challenged many of us to re-think how we continue to meet the educational needs and support the 4-H community, I want to applaud you all for meeting this challenge. The number of social media posts on 4-H have been a pleasure to read and share. The ways you are embracing technology to stay connected, educate and provide opportunities for members to lead and grow has been amazing.

In grateful appreciation,



Lynn Schmitt-McQuitty
State 4-H Director

1. Boleman, C.T. & Cummings, S.R. & Briers, G.E.. (2004). Parents' perceptions of life skills gained by youth participating in the 4-H beef project. *Journal of Extension* [On-line], 42(5). Available at: <https://www.joe.org/joe/2004october/rb6.php>
2. Ward, C. K. (1996). Life skill development related to participation in 4-H animal science projects. *Journal of Extension* [On-line], 34(2). Available at: <http://www.joe.org/joe/1996april/rb2.html>

4-H at Home Activity Guide

Try these fun, educational activities to help your kid learn valuable skills and gain experiences that will help them continue learning and doing all year long.



TIP: You can print this or save a digital version for use at any time. Many of the activities are shown as an abbreviated version – simply visit the web page listed for the activity to find out how you can get the full version with additional instructions!

4-H at Home

Click link below for complete guide to fun!

[//ucanr.edu/sites/Kern22/files/329050.pdf](https://ucanr.edu/sites/Kern22/files/329050.pdf)



The 2020 Spring 4-H Paper Clover campaign with Tractor Supply Company (originally scheduled to take place 4/29 – 5/10) will be postponed to a later date. Details regarding the new dates will be shared as they become available.

We also want to confirm that our partnership with Tractor Supply will continue with the Fall Paper Clover campaign as planned for 10/7 – 10/18.

Tractor Supply stores and team members in communities across the country have long supported 4-H and will continue to raise funds, build programs, and establish a strong partnership that will serve our communities. Despite the challenging situation we all face right now, Tractor Supply stores and employees remain critical and open to support 4-H families with the products they rely on to feed and care for their animals and pets.

Tractor Supply has reiterated the importance of the 4-H partnership to their business, but right now, we have to prioritize the health and safety of everyone. We hope you and your families are staying safe and healthy. #PaperClover #TractorSupply #StayHealthy #SocialDistancing





Rabbit Hemorrhagic Disease

Although historically uncommon in the United States (U.S.), there have been cases of Rabbit Hemorrhagic Disease Virus Serotype 1 (RHDV1) in Iowa (2000), Utah (2001), Illinois (2001), New York (2001), Indiana (2005), Minnesota (2010), and Canada (2011). It is considered endemic to Australia, New Zealand, Cuba, parts of Asia and Africa, as well as most of Europe. Rabbit Hemorrhagic Disease Virus Serotype 2 (RHDV2) emerged in France in 2010 and has since spread across Europe and is endemic in Australia. It came to southwestern Canada in 2018, and subsequently caused cases in Ohio, Washington, and New York City. In early 2020 a widespread outbreak of RHDV2 emerged in wild and domestic rabbits in the southwestern U.S. (New Mexico, Texas, Colorado, Arizona, Nevada) and northern Mexico. Wild rabbits have been important in the continuing spread of this outbreak.

What is Rabbit Hemorrhagic Disease (RHD)?

RHD, also known as viral hemorrhagic disease, can be caused by two related Caliciviruses.

- RHDV1 only affects rabbits in the genus *Oryctolagus*, which includes most domestic rabbits and wild European rabbits.
- RHDV2 affects *Oryctolagus* and several other species of rabbits including wild jackrabbits and hares (*Lepus*), wild American cottontails (*Sylvilagus*), and other genera of rabbits and as well as Pikas (family Ochonotidae) may be susceptible.

The incubation period for RHD is 1 to 5 days, and it can cause liver inflammation (hepatitis) and prevent the blood from clotting. Rabbits often die suddenly without showing any outward signs of illness, or may show:

- Fever,
- Inappetence,
- Lethargy,
- Spasms,
- Breathing difficulties,
- Blue colored lips or mucous membranes, and/or
- Bleeding from body cavities.



Death is due to massive internal hemorrhaging and liver impairment. Of susceptible rabbits, 80-100% that develop the disease may die. Rabbits of all ages are affected.

Can people or other animals get RHD?

No; RHD viruses are only known to affect lagomorphs of the family Leporidae (rabbits and hares). Other types of Caliciviruses have been found in people, cattle, sea lions, and cats.

Controlling the Spread of RHD

This virus may be inhaled, ingested, or absorbed through scrapes and wounds. It persists in the environment for several months and can be transmitted through direct contact with infected domestic or wild rabbits or by indirect contact with objects (cages, feeders, grooming equipment, etc.) or people and their clothing that have been contaminated by rabbit secretions or excretions. Transmission may occur following consumption of contaminated water and food, or exposure to rabbit products (meat, fur skins, offal). Vermin, such as insects or rodents, or domestic animals and birds may also become contaminated with the virus and transfer it to rabbits. Dogs can spread the virus by moving infected rabbit carcasses between premises.

Follow appropriate biosecurity guidelines to prevent the spread of diseases to your facility including:

- Minimize exposure to wild rabbits and hares by keeping your rabbits in hutches or cages that are elevated off the ground.
- Do not allow your rabbits to graze or roam in a yard if suspect disease in wild rabbits in your area.
- Avoid unnecessary contact with other people's rabbits. If you must have contact with other people's animals, wash your hands or shower and change your clothes prior to handling your rabbits.
- Restrict visitors to your rabbitry and limit the handling of the animals by visitors.
- After visiting a show, fair, or meeting where rabbits were comingled, shower and change clothes before handling your rabbits.
- Know the health status of the rabbitry from which you purchase rabbits.
- Control dogs, coyotes, insects, birds, rodents, and other animals, which may carry disease to your facility.
- Be aware of visitors from other states or countries with rabbit disease and take appropriate precautions.
- If you are planning to travel, be aware of the rabbit disease status of the state or country you are visiting and take steps to avoid introducing RHD to your rabbits.
- Be aware of the rabbit disease status of the state or country of origin of any equipment or supplies that you are purchasing.

Disinfectants

RHDV is inactivated by 10% bleach (sodium hypochlorite), potassium peroxymonosulfate (such as 1% Virkon-S), and some others. Quaternary ammonium compounds are not effective (including Lysol spray, Clorox wipes, and Odoban) against RHDV.

Can I vaccinate my rabbit against RHD?

RHD vaccines have not been approved for use in the U.S., but due to the recent outbreak, vaccination has been allowed on a limited emergency basis in affected states. To be effective, vaccines must include antigens for the appropriate serotype, RHDV1 and RHDV2.



To report dead wild rabbits or hares contact:

CDFW Wildlife Investigations Lab - (916) 358-2790

or report online at:

<https://wildlife.ca.gov/Conservation/Laboratories/Wildlife-Investigations/Monitoring/Mortality-Report>

To report dead domestic rabbits contact the CDFA Animal Health Branch.

Consult your private veterinarian if your rabbit is sick.

Animal Health and Food Safety Services

Animal Health Branch

Headquarters - (916) 900-5002

Redding District - (530) 225-2140

Modesto District - (209) 491-9350

Tulare District - (559) 685-3500

Ontario District - (909) 947-4462

USDA-APHIS-VS - (916) 854-3950 or (877) 741-3690

For more information, please click the following:

[Animal Health Branch](#)

[Hand Washing Why, When, How, and with What?](#)

Keep Your Rabbits Safe from Rabbit Hemorrhagic Disease Biosecurity Recommendations

May 2020

Rabbit Hemorrhagic Disease (RHD) is caused by a calicivirus and is extremely contagious between rabbits. Follow these biosecurity guidelines to help reduce risk of exposure and transmission of RHD.

Visitors

- Ensure wild rabbits do not come near your rabbit(s)
- Maintain proper fencing so wild rabbits cannot enter your yard, rabbit housing, or feed storage area
- Do not allow other people who own rabbits to handle your rabbit(s)
- Watch that dogs, cats, birds and scavengers do not bring rabbit carcasses onto your property; promptly dispose of and disinfect

Care and Equipment

- House rabbits off the ground when possible
- Do not feed plants or forage gathered from outside to your rabbit
- Do not use materials gathered from outside for bedding or cage base
- Keep new or returning rabbits separated from your existing rabbits for 2 weeks
- Properly and frequently dispose of soiled and used bedding
- Clean and disinfect caging, enclosures, harnesses, and other equipment between different rabbits with 10% bleach water, 1% Virkon-S, or other product recommended by your veterinarian
- Do not allow rabbits to share toys and enrichment objects

You

- Always wash your hands before and after handling your rabbit
- Use separate footwear for outside and inside the rabbitry, or use a disinfectant footbath, to avoid tracking contamination on your shoes
- Do not handle any rabbits that are not your own. If you do, then wash your hands and change clothes and shoes before handling your rabbits



To report dead wild rabbits or hares contact:
CDFW Wildlife Investigations Lab - (916) 358-2790
or report online at:

[https://wildlife.ca.gov/Conservation/Laboratories/
Wildlife-Investigations/Monitoring/Mortality-Report](https://wildlife.ca.gov/Conservation/Laboratories/Wildlife-Investigations/Monitoring/Mortality-Report)

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General Guidance for Cleaning and Disinfection of Rabbit Hemorrhagic Disease Virus (RHDV) Contaminated Premises

April 2020

(These instructions are general guidance and are not to supersede cleaning and disinfection requirements from the State Animal Health Official (SAHO))

Environmental Persistence of Rabbit Hemorrhagic Disease Calicivirus

- Rabbit Hemorrhagic Disease (RHD) calicivirus is spread by oral, nasal and parenteral transmission
- The virus is present in urine and feces from infected rabbits, thus contaminated bedding can be a source of infection
- Contaminated foods can be a source of infection
- The virus survives at pH 3.0, is stable at pH 4.5-10.5, but is inactivated at pH>12
- The virus can survive for long periods outside the host. For example:
 - Viable virus has been detected for as long as 105 days in its dried state on a fomite (cloth) at room temperature.
- Environmental temperature and protection by organic material are important factors in the survival of the virus
 - Virus may persist in chilled or frozen rabbit meat and the lengthy persistence of infective virus in carcasses may provide a reservoir of disease after outbreaks in the wild, as viable virus has been found in decaying tissue after 90 days outdoors
 - At 50C (122F) the virus survives for 1 hour



Photo by Canva.com

- It can remain viable for 22-35 days at 22C (72F) but only for 3-7 days at 37C (99F). It also survives freeze-thaw cycles.

Disinfectants

- The RHD calicivirus is inactivated by sodium hypochlorite (dilution of ½ cup of 6% or 8.25% household bleach concentrate in 1 gallon of water to create a approximately 2300 ppm solution of sodium hypochlorite) and 1% potassium peroxymonosulfate (e.g. Virkon S).

Practical Cleaning and Disinfection Recommendations

Preparation: Disinfectants Household Bleach

- A diluted solution of sodium hypochlorite, household bleach, is the most accessible disinfectant available to rabbit owners. To prepare the correct dilution add ½ cup of 6% or 8.25% sodium hypochlorite bleach concentrate to one gallon of potable water. Contact time needed is 5 minutes. Wear nitrile, silicon or rubber gloves and eye protection and work in a well ventilated area when mixing and handling the bleach or bleach solution. Wear protective clothing to avoid contact with the skin.

- Bleach concentrates lose potency over time. Be sure to store bleach concentrates in a cool, dark, place and use recently purchased bleach concentrates to mix solution to be used for disinfecting purposes. New dilute bleach solutions should be mixed every 24 hours to maintain effectiveness.
- Follow the link for information on what to do if you have accidental exposure <https://www.thecloroxcompany.com/wp-content/uploads/2020/04/Clorox%C2%AE-Germicidal-Bleach3.pdf>.

Virkon S

- Virkon S is a disinfectant often used by Animal Health Officials. A 1% solution is effective for disinfection for RHDV-2. To achieve a 1% use dilution, add Virkon S (depending on formulation type, either 1 sachet, 8 tablets, or 1.3 ounces of powder (or 1 Virkon S scoop)) to 1 gallon of water. Stir thoroughly until fully dissolved, then use per label. Contact time needed is 10 minutes.
- Wear protective gloves and eye/face protection. Use only in a well-ventilated area. Avoid breathing dust. Wash hands thoroughly after handling. Wear protective clothing to avoid contact with skin. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Dispose of contents and container in accordance with all local, regional, national and international regulations
- Follow the link for information on what to do if you have accidental exposure <http://virkon.us/wp-content/uploads/sites/15/2017/11/Virkon-TM-S-USA.pdf>

Pre-Cleaning (Dry Cleaning)

Because of the hardy nature of the virus, removal of all organic material (bedding, feces, fur, material on hutches or cages etc) via scraping, brushing, sweeping or digging before cleaning and disinfection is critical for cleaning and disinfection to be effective.

- Remove all visible debris from items to be disinfected (cages, hutches, feeding equipment, waterers, etc.).
- Remove all bedding from cages, hutches, or ground and safely discard by deep burial or double bagging in plastic bags, disinfecting the outer bag by spraying with disinfectant solution, and disposing of in a licensed landfill or as otherwise directed by your SAHO. Items made of wood are best burned, safely discarded either by deep burial, or by double bagging in plastic bags, disinfecting the outer bag by spraying with disinfectant solution, and disposing of in a licensed landfill or as otherwise directed by your SAHO.
- For wood that cannot be discarded, remove organic material and then clean and disinfect as instructed below.
- Rabbit feces should be removed and safely discarded by deep burial or double bagging in plastic bags, disinfecting the outer bag by spraying with the disinfectant solution and disposing of in a licensed landfill or as otherwise directed by your SAHO.
- Soil beneath rabbit hutches that has been contaminated with rabbit urine, feces, or bedding should be removed to a depth beyond visible contamination and buried.
- Any feed that has the possibility of being contaminated should be safely discarded by deep burial or double bagging in plastic bags, disinfecting the outer bag by spraying with disinfectant solution, and disposing of in a licensed landfill or as otherwise directed by your SAHO.



Cleaning and Disinfection (C&D):

- Once organic material has been removed by dry cleaning, wash items or structures thoroughly with soap and potable water; rinse well with potable water and let dry.
- Then, submerge or saturate items or structures with spray with the proper dilution of one of the two disinfectants provided above. Allow the appropriate contact time for the disinfectant used (5 minutes for diluted bleach and 10 minutes for 1% Virkon S). Contact time means leaving the item saturated with disinfectant for the specified time. If the item dries before the specified time the disinfectant solution should be reapplied. After the contact time has been achieved, rinse with potable water and let dry before further contact.

Further Virus Elimination

- After cleaning, disinfection and drying of all hutches, water, feed containers, other rabbit equipment or materials is completed, a fallow period during which no rabbits are introduced is recommended. The fallow period timeframe will be specified by the SAHO. In situations where C&D is complicated by the conditions (such as large amounts of organic material, wooden structures, a large number of infected animals, etc), a 90 day fallow period is recommended.

References

1. Rabbit Hemorrhagic Disease. June 2016. The Center for Food Security & Public Health, Iowa State University. Available at: http://www.cfsph.iastate.edu/Factsheets/pdfs/rabbit_hemorrhagic_disease.pdf
2. Rabbit Hemorrhagic Disease Standard Operating Procedures: 1. Overview of Etiology and Ecology. October 2013. Foreign Animal Disease Preparedness & Response Plan (FAD PReP). USDA-APHIS-VS. Available at: https://www.aphis.usda.gov/animal_health/emergency_management/downloads/sop/sop_rhd_e-e.pdf
3. Viral Haemorrhagic Disease. In: Textbook of Rabbit Medicine. Frances Harcourt-Brown, ed. Butterworth-Heinemann, Oxford, UK. 2002; pp 380-382.
4. Virucidal efficacy of four new disinfectants. 2002. J Am Anim Hosp Assoc 38(3): 231-4.
5. Evaluation of the Antiviral Activity of Chlorine Dioxide and Sodium Hypochlorite against Feline Calicivirus, Human Influenza Virus, Measles Virus, Canine Distemper Virus, Human Herpesvirus, Human Adenovirus, Canine Adenovirus and Canine Parvovirus. 2010. Biocontrol Sci 15: 45-49. Available at: https://www.jstage.jst.go.jp/article/bio/15/2/15_2_45/pdf/-char/en
6. Clorox Bleach Master Labels - Clorox Bleach 6% 5813-114 https://www3.epa.gov/pesticides/chem_search/ppls/005813-00114-20181030.pdf Clorox 8.25% sodium hypochlorite, EPA reg. no. 5813-100 https://www3.epa.gov/pesticides/chem_search/ppls/005813-00100-20171208.pdf
7. Virkon S Master Label - Virkon S EPA reg. no. 39967-137 https://www3.epa.gov/pesticides/chem_search/ppls/039967-00137-20191011.pdf

The USDA is an equal opportunity employer, provider, and lender.

Rabbit Risk Assessment Tool – Home Premises

Risk Factors	Low Risk	✓	Moderate Risk	✓	High Risk	✓
ANIMAL						
Contact with other species (wild and domesticated) that may serve as disease vectors	Never or Seldom		Occasionally		Frequent	
Quarantine procedures for introduction of new animals. (14 days recommended)	No new animals		Quarantine procedures always used.		Quarantine procedures never used	
Animal Identification	Permanent ID (tattoo) /registration		Temporary ID		No ID	
HUMAN						
Non-Owner Human Contact	Never or Seldom		Occasionally		Frequent	
Clothing	Dedicated clothing; only worn in the rabbitry/on premises; cleaned after each use		Dedicated clothing; only worn in the rabbitry/ on premises		No dedicated clothing when working with animals	
Footwear	Dedicated footwear only worn in rabbitry/on premises; disinfected after each use		Dedicated footwear worn only in rabbitry/on premises; cleaned after each use		No dedicated footwear; footwear not cleaned after each use	
Hand Washing	Always wash hands before and after contact with animals		Occasionally wash hands before or after contact with animals		Rarely wash hands before or after contact with animals	
HOUSING & TOOLS						
Housing (same domestic species; doesn't include does with kits)	Animal housed individually		Animals housed in small group		Animals housed in large group	
Housing/Predator Control	Housing always prevents predator contact		Housing prevents some predator contact		House does not prevent predator contact	
Bedding	Clean and dry		Soiled and/or damp		Foul and/or wet	
Source of Bedding	Store-bought and sourced from non-endemic area		Sourced from endemic environment		Sourced from local environment in an endemic area	

Risk Factors	Low Risk	✓	Moderate Risk	✓	High Risk	✓
Vermin and Vector Control	No visible signs of vectors or vermin		Some visible signs of vectors and vermin		Many visible signs of vectors and vermin	
Climate (heat, cold, moisture)	Minimal exposure to extremes		Sometimes exposed to extremes		Frequently exposed to extremes	
Air Flow	Adequate ventilation		Some ventilation		No ventilation	
Tools, Equipment, Vehicles	Cleaned & sanitized after each use		Cleaned sometimes		Rarely or never cleaned	
FOOD AND WATER						
Food Quality	Food is clean and fresh		Food is clean; not fresh		Food is moldy, dirty or spoiled	
Source of Plant Forage	Purchased or raised in wildlife-proof garden		Raised in home garden not completely barricaded		Picked wild forage	
Wild Plant Forage	Rarely available		Frequently available		Always available	
Water Quality	Clean water; circulated		Clean water; standing		Dirty water	
Water Source	Municipal and tested well water		Untested well water		Surface water (pond, river)	
Food and Water Access	Individual food and water		Shared food and water		Group food and water; many animals	
Cleaning of Food and Water Dishes	Frequent cleaning		Occasional cleaning		Infrequent cleaning	
TRANSPORTATION						
Transportation Frequency	Rarely or never transported		Transported sometimes		Transported frequently	
Transportation with other animals	Always transported with rabbits of the same rabbitry		Transported with rabbits from 1 or 2 other rabbitries		Often transported with animals from different farms/premises	
HEALTH MONITORING						
Tip-to-Tail Health Check (Individual Animals)	Daily		2-3 times/week		Rarely/Never	

See: <https://www.inspection.gc.ca/animal-health/terrestrial-animals/diseases/immediately-notifiable/rhd-or-viral-haemorrhagic-disease-of-rabbits/biosecurity/eng/1530823766245/1530823766513>

Rabbit Risk Assessment Tool – Exhibition Premises

Risk Factors	Low Risk	✓	Moderate Risk	✓	High Risk	✓
ANIMAL						
Animal Identification	Individual animal registration/ID		Premises of origin identification		No identification	
Health status prior to entry known or verified	Certificate of Veterinary Inspection (CVI)		Statement of health		No records required	
Travel history is known based on county	Travel records required		Verbal history taken by staff/ volunteer		No history required	
Inspection upon entry	Veterinary check		Staff/volunteer check		No check	
HUMAN						
Non-Owner Human Contact (visitors or members of the public)	Closed to the public		Open to approved visitors only		Open to the public	
Clothing for owners and staff/volunteers	Dedicated clothing; only worn in barn/on premises; cleaned after each use		Dedicated clothing; only worn in the barn/on premises		No dedicated clothing when working with animals	
Footwear	Dedicated footwear only worn in barn/on premises; disinfected after each use		Dedicated footwear worn only in barn/on premises; cleaned after each use		No dedicated footwear; footwear not cleaned after each use	
Hand Washing	Always wash hands before and after contact with animals		Occasionally wash hands before or after contact with animals		Rarely wash hands before or after contact with animals	
VENUE						
Design (same species)	Barrier/distance between animals from different households		Housed next to animals from same county		Housed next to animals from different counties	
Design (wild species)	No access for wild species in barn		Minimal access by wild species		Free access to all species in barn	
Entry points for foot traffic management	One entry		Few entries		Multiple entries, or not managed	
Grooming area	Managed, cleaned and disinfected to avoid contact		Multiple rabbits groomed in one location		Open grooming area	

	between rabbits				
Floors and walls	Made of easily cleaned materials		Made of absorbent materials, kept dry and free of excess hair		Made of absorbent materials, foul or wet
Climate (heat, cold, moisture)	Minimal exposure to extremes		Sometimes exposed to extremes		Frequently exposed to extremes
Ventilation	Adequate ventilation		Some ventilation		No ventilation
Vermin and Vector Control	No visible signs of vectors or vermin		Some visible signs of vectors and vermin		Many visible signs of vectors and vermin
Waste water and manure management	Daily waste management		Waste removed weekly/after exhibition		On site waste pile
VEHICLES & TOOLS					
Parking	Designated parking, loading/unloading		Clean/ owner vehicles-controlled traffic		Contaminated vehicles allowed near barn
Air Flow	Adequate ventilation		Some ventilation		No ventilation
Grooming Tools, Equipment, Vehicles	Cleaned & sanitized after each use		Cleaned sometimes		Rarely or never cleaned
Shared Equipment	Never shared		Sometimes shared		Always Shared
FOOD AND WATER					
Food Quality	Food is clean and fresh		Food is clean; not fresh		Food is moldy, dirty or spoiled
Water Quality	Clean water; bottle		Clean water; bowl		Dirty water
Food and Water Access	Owner provides and refills food and water		Owner provides food and water for show staff to fill		Rabbits fed from communal feed bucket
RECORDS					
Emergency Disease Response	Policies for postponing/canceling events due to local outbreak		No policy for postponing/canceling events due to outbreak; restrict exhibitors originating from outbreak areas		Would not postpone/cancel event due to outbreak
Refuse Entry at Animal Health Check	Policy written and personnel trained		No policy, but personnel know what to look for		Do not refuse entry of animals
Health/Travel Records	Keep all CVIs, health records, travel		Check them at entry, do not maintain a		Do not keep records of

See: <https://www.inspection.gc.ca/animal-health/terrestrial-animals/diseases/immediately-notifiable/rhd-or-viral-haemorrhagic-disease-of-rabbits/biosecurity/eng/1530823766245/1530823766513>

	records for each entry		copy		animals	
Records	Organized and easily accessible to authorized personnel		Records difficult to access		No records	
INFORMATION						
Biosecurity and hygiene signage	Multiple signs in visible areas		One sign in office		No signs	
Traffic control signage	Multiple signs visible		One sign, difficult to see		No signs	
Restricted access	Signs visible, cordon area, doors restrict access to isolation, etc		Minimal information		No information	
Public information	Staff/volunteer available to talk and distribute information		Brochures available		No information	



2020 4-H STEM Challenge

California 4-H STEM Challenge Orientation Webinars

By the California 4-H STEM Education Advisory Committee

[Register to receive a Zoom link](#)

- Thursday, September 10, 6:00 - 7:00 PM
- Tuesday, September 15, 3:00 - 4:00 PM

Mars Base Camp

The race to land humans on Mars is on! The 2020 4 H STEM Challenge will explore sending a mission to Mars with the activity, Mars Base Camp. Developed by Google and Virginia Cooperative Extension, Mars Base Camp is a collection of activities that teaches kids ages 8-14 STEM skills like mechanical engineering, physics, computer science, and agriculture.

There are two different sized Mars Base Camp kits to ensure young people everywhere, regardless of internet access or family resources, can participate:

- Educator Kit: Includes materials for 12 youth to participate in the STEM Challenge at the same time. Kits can be used in spaces where physical distancing and other safety precautions can be followed.
- Family-sized Kit: Includes materials for 1-4 youth to participate in the STEM Challenge at the same time, enabling families to participate from the comfort and safety of their own homes.

2020 Virtual State 4-H Field Day Findings

We are pleased to share the [evaluation report for the 2020 Virtual State 4-H Field Day](#) (attached).

KEY EVALUATION FINDINGS

- Youth reported that primary benefits were improving competence (communication skills) and confidence (self-worth).
- Youth who have successful public speaking experiences are more confident in their public speaking abilities.

Youth report very strong feelings of belonging and acceptance in 4-H.

Recommendations for State 4-H Field Day

- State 4-H Field Day should offer contests both in-person and virtually, given that youth spoke about how virtual contests boosted participation, improved comfort, and reduced expenses.

Provide additional resources, support, and training to presenters and evaluators on effective uses of virtual technologies. Help youth understand what they need to adapt in their presentations to make effective use of the affordances and constraints of technology.

Recommendations for 4-H public speaking

- Given that successful (mastery) experiences influences communication confidence, and a relationship between communication confidence and evaluators' scoring, we recommend broadening opportunities for youth to present and participate in 4-H presentation events, including removing seal requirements (i.e., remove requirement that youth must earn a gold to advance).

Explore what it is about mastery experiences that influences communication self-efficacy to inform the 4-H presentation program.

4-H Census Awareness Project

Age: all ages

You can participate in 4-H Civic Engagement from home!

Step 1: Learn about the importance of the Census and its impact on California communities.

Step 2: Share Census facts on social media and in emails to your family and friends. Use our toolkit for images for Facebook, Instagram and Twitter.

Step 3: Make sure the adults in every household are aware that they can fill out the Census from home - online, by phone, or by mailing in the paper form. Filling out the Census from home will lessen the need to send people out door-to-door.

Get tools and learn more on our [4-H Census Awareness Project site](#)



4-H *Mindful Me* now available virtually!

Youth ages 5-8 can view video recorded lessons and participate in adapted activities that build skills in mindfulness and social-emotional competencies like, mindfulness practices that include: mindful eating, affirmations (emotional support or encouragement), identification and management of emotions, being present in the current moment, and yoga. Each lesson includes a reading of a children's book along with a simple application activity.

Videos are available through eXtension: [4-H Mindful Me](#)
Enrollment key: California

The full curriculum is also available for purchase from Shop 4-H <https://shop4-h.org/products/mindful-me-a-4-h-primary-mindfulness-curriculum>



4-H Fresh Chefs Digital Cookbook

The digital cookbook features 50 recipes from 4-H'ers across the country, 4-H alumni and supporters including:

- **Carla Hall** - Celebrity Chef and 4-H Healthy Habits Program Ambassador, Tennessee 4-H alumna
- **Anne Burrell** - Host of Food Network's Worst Cooks in America: Celebrity Edition and New York 4-H alumna
- **Laila Ali** - Cookbook Author, TV Host, Former Boxing Champion and Creator of *Laila Ali Lifestyle*
- **Timothy Hollingsworth** - Owner and Chef of Otium, CJ Boyd's and Free Play, Winner of Netflix's *The Final Table*

Recipes include everyday foods like, Cheesy Cauliflower Pizza, Crispy Smashed Potatoes, and Asian Lettuce Wraps, in addition to celebration foods, like Chicken Pot Pie, Gingerbread Doughnuts,

and Sprinkle Cake Pops, that teach families how to balance eating habits.

It is [available for free online here](#) and audiences have the option to view and share featured recipes online or download the complete cookbook that includes beautiful food photography and personal notes from the youth and celebrities about their dishes.

Save 15% at JOANN and support 4-H at the same time!

JOANN is supporting 4-H with a rewards "card" that gives holders 15% off their total in-store and online purchases!

A minimum of **2.5% of every eligible transaction is donated to 4-H.**

Two ways to sign up:

1. Sign up online at <http://www.joann.com/4-H/>
2. Download the free JOANN app on your mobile device. Go to "More" and select "Loyalty Programs".

<http://4h.uca> Save 15% at JOANN and support 4-H at the same time!



Shop 4-H for California!

Thanks to the [California 4-H Foundation](#), we are now signed up for an affiliate program with Shop 4-H, the National 4-H shopping site. Items include t-shirts, curriculum, incentive items and more.

When you purchase anything using [our link](#), 5% of your purchase will be returned to California 4-H!

Online 4-H Treasurer Training Course

We are pleased to announce the launch of the new California 4-H Treasurer's Training in eX-tension. This course was developed by a sub-committee of the State 4-H Policy Advisory Committee and is designed to walk 4-H Club Treasurers through their important role. Access to the course and its unique enrollment keys (different from the required training enrollment keys) can be accessed directly by youth members and volunteers at

<http://4h.ucanr.edu/Resources/Learning-Development>

The course has already been added to each county's eXtension portal as well.

You can direct any questions or report any issues with the course through our ticketing system at <https://ucanr.edu/survey/survey.cfm?surveynumber=27435>

Make a Difference in the Life of a Child



Mentor Help Wanted!

- **Do you enjoy encouraging others and contributing to their success?** Do you like to laugh and inspire others to have fun while learning? If so, make a difference today by shaping the life of a youth in need. Become A Mentor!
- **Getting Started Is Simple**
 1. Complete a mentor application and pass a background check.
 2. Attend a one-time orientation/training.
- **Must be able to commit to being a volunteer Mentor one hour a week, for one year.**

Mentee

- **Could Your Child (age 6-18) Benefit From A Mentor?**
- We all need someone to look up to and a Mentor can provide that for your student.
- **All Mentors are pre-screened** with a thorough background check and receive training/orientation.
- Mentors will meet with students one hour a week for one year.
- **Students with Mentors have been shown to:**
 1. Improve relationships with family, authority & peers.
 2. Improve school attendance & grades.
 3. Be promoted to the next grade level in school.

ACT NOW! To apply or for
more information please call

(661) 369-8926
or lhannib@capk.org



As una diferencia en la vida de un niño



¡Se solicitan tutores!

- ¿Le gusta estimular a otras personas y contribuir a su éxito? ¿Le gusta reír e inspirar a otros a divertirse mientras aprenden? Si su respuesta es afirmativa, haga una diferencia ahora, moldeando la vida de un joven necesitado. ¡Conviértase en un tutor!
- Hacer los tramites es simple
 1. Llene una solicitud para mentor y pase los antecedentes penales
 2. Asista a una sesión de capacitación y orientación
- Debe comprometerse a ser un guía voluntario por una hora por semana por un período de un año.

Aprendiz

- ¿Su hijo (a) se podría beneficiar de un tutor?
- Todos necesitamos de un ejemplo a seguir y nosotros podemos proporcionarle eso a su estudiante.
- Los tutores se reunirán con los niños (as) por una hora cada semana durante un año
- Los estudiantes que tienen a un tutor han demostrado:
 1. Tener mejor relación con su familia, las autoridades y sus compañeros.
 2. Tienen mejores calificaciones y asistencia en la escuela.
 3. Pueden pasar al siguiente grado en la escuela.

¡Actúe ahora!

Para presentar una solicitud u obtener mayor información llame al

(661) 369-8926

o lhannib@capk.org





UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

4-H Youth Development Program

COUNT US IN

WE ARE BUILDING A CALIFORNIA WHERE
EVERYONE **BELONGS** AND EVERYONE **COUNTS**

WHAT IS THE CENSUS?

Every 10 years, the Census counts every person of every age, race, and place of origin living in the United States, regardless of our immigration status or eligibility to vote.

WHY IS THE CENSUS IMPORTANT?

By completing 9 simple questions, you help our communities receive our fair share of funding for:



EDUCATION

School lunch & breakfast, Pell grants, special education, Head Start



MEDICAL CARE

Medicare, Medi-Cal, CHIP



HOUSING ASSISTANCE



ROADS AND TRANSPORTATION



Your responses to the 2020 Census are **safe, secure, and protected**. Your community is counting on you to complete the Census so we all have the resources we need and deserve.

HOW DO WE COMPLETE THE CENSUS?

In mid-March, each household will get a letter in the mail. You can complete the Census in your preferred language:



ONLINE



PHONE



MAIL

For more details: CaliforniaCensus.org

#4HCounts

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Updated Leader Orientation

For New Leaders, please visit the link below

[New 4-H Volunteer Leaders](#)

For Returning Leaders, please visit the link below

[Returning 4-H Volunteer Leaders](#)

LINKS YOU CAN USE!

4-H uniform page

<http://4h.ucanr.edu/About/Uniform/>

California 4-H Uniform Guidelines

<http://4h.ucanr.edu/files/216262.pdf>

Leslie Carman 4-H Supplies

<http://www.4hsupplies.com/>

California 4-H Branding Toolkit

http://4h.ucanr.edu/Resources/Branding_Toolkit/

California 4-H Dress Guidelines

<http://4h.ucanr.edu/files/210170.pdf>

[Handbook For New Families](#) **NEW!**

This guide was developed to help new families understand the 4-H program. Please share a copy of this with new families in your club. If you have feedback for updates to this guide, please submit them to Sue McKinney at lsmckinney@ucdavis.edu or call 661-868-6235. <http://4h.ucanr.edu/files/271860.pdf>

Food Safety Training Available ONLINE!

The State 4-H Office requires that every club have at least one 4-H leader trained in Food Safety. The more leaders in your club that are certified, the more convenient it is for your club. It is required that a certified volunteer is to be present at all bake sales/food booths to make sure proper food safety guidelines are handled. Food Safety trainings are available anytime online! Please visit the website below, and use the provided sign-in/user information:

Website: <http://ucanr.edu/sites/MISKIS/>



4-H WEBSITES

http://cekern.ucdavis.edu/Youth_Development/

<http://www.areyouintoit.com>

<http://www.fourhcouncil.edu>

<http://www.4-h.org/fourweb>

<http://www.ca4h.org>

4-H ENROLLMENT WEBSITE

<https://california.4honline.com>

4-H VOLUNTEER WEBSITE

<http://ucanr.org/4-hvolunteers/>

KERN COUNTY 4-H IS ON FACEBOOK!

Kern County 4-H is on Facebook! You can search for us: Kern County 4-H and 'like' us! We will post updates, important event reminders, announcements—all sorts of important things! It's the best way to keep up-to-date!