

BIOSECURITY

2020 California Mid-State Fair Swine Influenza Vaccination Program

Below are a series of questions, answers and requirements for this important Animal Health Program. These requirements are part of our Bio Security Protocol Program as well as our Livestock Show Competition Handbook requirements. Vaccination is optional in 2020.

Thank you in advance for your cooperation and participation in this critical program.

What disease or diseases are we vaccinating for?

Swine Influenza A and the associated virus strains of H1N1, H1N2 and H3N2.

Swine Influenza is a respiratory disease of swine caused by Type A influenza viruses. Vaccination, when done properly and according to label instructions can prevent the disease in individual swine. This prevention is particularly important when swine that originate from a wide variety of farms are eventually housed together in one location like a fair.

Why is being required to vaccinate for Swine Influenza?

The health and welfare of your project animal should be your first concern. The Fair wants you to have a positive livestock experience. Since you have accepted the responsibility as a livestock owner, you must provide for the animal's well-being. With that responsibility also comes important health husbandry practices you must address. While this is not the only health concern for your project animal, this particular influenza has been recognized as a respiratory disease across the country that can compromise the health of both swine and humans. While a rare occurrence, the virus is transmissible from swine to humans and humans to swine. Because it is such an aggressive virus, because swine (or any animal) are stressed when brought to the Fair and away from their home farm, and finally because they are exposed to other animals that may carry the virus which make them more susceptible to sickness, it is critical that we take a proactive approach to their health. Vaccination is one proactive method that has proven effective. Proper care, good environment, appropriate diet, exercise and plenty of fresh water also protect your hog or any animal from sickness.

When is the first date I can vaccinate and what is the last day to vaccinate?

You may begin the vaccination process “any time prior” to June 21, 2020. It is a two-part vaccination process and it is absolutely critical that you provide the first of two vaccinations no later than June 21, 2020. *Remember you may begin earlier.* The vaccination process requires two steps taken 21 days apart.

Background: Typically, the two-part vaccination process is started by the breeder with the first vaccination given to the pig between ages 1 and 3 weeks. This early vaccination is only effective from 4-6 months for H1N1 and H1N2 and only 10 weeks for H3N2. Due to the short duration of the first vaccination's effectiveness, your hog could be susceptible as early as May 25 (approximate date).

Additionally, not all breeders vaccinate their hogs for Swine Influenza and your project animal could already be at risk.

The first thing to remember is that **NO Influenza Vaccination shall be given to hogs after July 12** because of the 21-day withdrawal period requirement. It is essential that your animal's second vaccination happens no later than July 12. Any hogs who have received the second vaccination after July 12 will be disqualified and NOT allowed to be shown or sold at the Fair Auction. We have established this date based upon counting back 21 days from the Junior Auction set for August 1, 2020.

Vaccination Calendar: You may begin the vaccination process any time between May 15, 2020 and June 21, 2020. This is when you give the "first dose" of the injectable vaccine. This is followed up 21 days later by a second dose. Please do not wait until June 21 to begin this process. Vaccines may not be available if you wait until the last minute.

Example: First dose is given June 1, 2020 and the second dose is given 21 days later on June 22, 2020 and your hog is now vaccinated for Fair.

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If you have vaccinated your hog based upon vaccination label instructions after your hog was four months old and you can provide evidence of purchasing and administering the approved vaccine or veterinary proof of vaccination to your leader or advisor then you have met the vaccination requirements. Remember it is a two-part vaccination process so you must prove that both vaccinations were given 21 days apart.

I don't know how to give a shot. Can someone do this for me?

Yes! Please make arrangements with your leader, instructor, veterinarian, breeder or other experienced person to give your hog the vaccine. You must provide proof of doing so with a proof of vaccine purchase or veterinary verification to your leader or advisor to qualify for entry to the Fair.

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That makes your process easier because if you provide that proof in writing to your Leader/Advisor then you are only required to vaccinate one time between May 15, 2020 and July 21 2020. The first shot must have been given prior to March 15, 2020 by your breeder. This second shot is known as a booster shot. Do not wait until July 4 since this is a holiday and it will be difficult to provide verification to your Leader/Advisor during the holiday week. **Please plan ahead.**

What are the approved vaccines available for purchase?

The following vaccine products are available: Please read label instructions and check with your Veterinarian :

1. FluSure XP Vaccine (killed virus manufactured by Zoetis): Requires two injectable doses (2 ml each) and 21 days apart. Intramuscular shot.
2. Flu Sure XP/RespiSure-ONE/ER Bac Plus Swine Vaccine (manufactured by Zoetis)
3. Flusure XP/RespiSure
4. FluSure XP/ER BacPlus
5. (New) FluSure XP/FarrowSure Gold

6. Other option - Ingelvac Provenza MLV (Nasal) manufactured by Boehringer Ingelheim: 1 ml dose is given through the nasal cavity. Because of the difficulty in administering this product it is only recommended if given by a Veterinarian or highly experienced swine specialist.

Costs for these vaccines vary from \$48.00 per bottle to \$80.00 per bottle. Bottles come in 50 doses up to 250 doses per bottle. It is recommended that your club or chapter purchase the bottle so that the cost to individual members is greatly reduced.

These vaccines are not always available in stock so plan early and do not wait until the last minute.

Note: All these vaccines must be mixed with the sterile diluent provided in the box of vaccine. After mixing you only have two hours to administer the product so plan accordingly. You will need to purchase syringes and needles separately. ALWAYS FOLLOW AND READ LABEL INSTRUCTIONS.

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Vaccines may be purchased from the following:

1. Your veterinarian
2. Valley Vet Supply – online or call 1-800-419-9524
3. Jeffers Pet Supply – online or call 1-800-533-3377
4. PBS Animal Health – online or call 310-834-9252
5. JRG Supply – online or call 1-800-354-7433
6. Pipestone Veterinary Service – online or call 507-825-4211
7. Santa Cruz Biotech - call first at 1-805-237-0200

Note: Allow at least one week to 10 days for delivery. Plan ahead to save!

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For Exhibitors: Vaccination is optional in 2020. If you do choose to vaccinate, your 4-H Leader or FFA Advisor MUST verify in writing to the Fair that you, your breeder or your representative have vaccinated your hog according to Fair requirements and vaccine label instructions. Your Leader/Advisor must provide your name, the hog's ear notches and DNA Fair tag number as required by the Fair along with the name of the vaccine. Work directly with your leader/advisor to provide such proof. Your Leader/Advisor will compile a single list for the Fair of all exhibitors with hogs from your club/ chapter. Upon arriving at the Fair with your hog, such proof (provided to you as a list from your Leader/Advisor) is required to be presented to swine officials on arrival day and before unloading your hog. Your name must appear on that list. You must provide that proof of vaccination no later than July 12, 2020 to your Leader /Advisor or you are not eligible to bring your hog to the Fair. Independent Youth must have their Parent or Legal Guardian provide this proof to the Fair in writing with proof of purchase and vaccination of the approved vaccine.

For 4-H Leaders/FFA Advisors: A single comprehensive list (**on the Fair's official form**) of each club/chapter of swine exhibitors which provides proof of purchase of approved vaccines and that they were administered appropriately and timely for each exhibitor must be provided to the Fair. This list must be signed by the Leader/Advisor and must include exhibitor's name, vaccine used, official DNA

Ear tag number and ear notch for each animal. **This signed list is due to the Livestock Department no later than 5:00 pm on Monday, July 20, 2020.** An official form will be provided to Leaders/Advisors by Fair officials.

Finally, provide this list to each of your exhibitors for them to bring to the Fair in order to unload their animal. It is recommended that you have plenty of extra copies on arrival day.

For further questions and answers contact our Livestock office at livestock@midstatefair.com
