

NISD Swine SAE Informational Handbook 2019-2020

PURPOSE

The purpose of a production livestock-feeding program is to allow students to develop responsibility, leadership skills, and gain hands-on knowledge and application of the livestock production industry. The project teaches participants proper methods of selecting, feeding, raising, breeding, and marketing swine.

INFORMATION YOU SHOULD KNOW

**Initial Swine Informational Meeting – Thursday, September 5th from 6 PM to 7 PM at the
Kelly W. Box Agricultural Center**

PROJECT EXPENSES –

Animal Expense:

- Our suggestion: **Set a Goal!**

Do you want to make the sale, win a class, win a breed or win the whole show?

Please remember, the higher the goal you set, generally the more expensive a project cost.

- A rule of thumb to give you an idea about the show pig market is:
 - Trying to make the sale \$300 - \$400
 - Trying to win a class \$400 - \$600
 - Trying to win a breed or the show \$600 - \$1000

**Note. These are just rules of thumb! We have seen hogs that cost \$1,500 dollars not make sales and \$150 hogs win shows. However, quality major show barrows are typically more expensive.*

- I. Barrow Purchase - Deadline is **October 28th**
 - \$600.00 is an average expectation for most competitive barrows;
 - Please see attached document for purchasing instructions

**Note. Agricultural Science Teachers (ASTs) go to extensive lengths to select a project that is competitive, right aged, and desired breed for your individual specifications. Please make sure you have the time, money, and resources to complete this project strong!*

Feed: Each student is responsible for purchasing feed for their project. Depending on additives needed you can budget somewhere in the neighborhood of \$350 to \$450 per animal.

FFA Dues: \$25 per year

State Validation Tags: Only State Validation Tags will be ordered this year. **State tags are \$17 per animal.** Deadline for State Validation is **September 24th**

- Cash or Check; NISD FFA Alumni & Parent Association

Show Entry Fees and Stock Show Supplies:

- **Entry Fees** - \$\$\$ Vary per stock show entered
- **Vet & Show Supply Fee** - As of right now we do not have one, we are setting up a committee to see if we need one.

Facility Fee:

- **Pen Rent** - Will be through “InTouch” and this will be due when accounts are made; this can be paid online or to a campus cashier directly

- \$25.00 pen rent per animal in showing in the 2019-2020 Show Season. ***This amount is due before animal is allowed into the facility***

Project Purchasing:

- 1) You can purchase your own project. If you are going to raise it at the school barn you need to get approval from your AST first. We will want to make sure the hog you bring in comes from a producer that has done all of the appropriate health requirements. We also want to make sure that not only is your animal free from risk, but also the rest of the livestock in the barn is free from risk as well.
- 2) We can help purchase your hog for you. If you don't feel comfortable that you know where to find quality hogs or what a quality hog looks like, we can get them for you. You can go with an AST and pay for the project in presence of the Agriculture Science Teacher. We will get the best animal we can find for you and we will never spend any more than what is budget by you. ***Remember that there is no guarantee with any livestock.***

Note. We will not help purchase a hog for you until we have received payment for the FFA dues and Facility Fee.

- 3) A student must complete the following prior bringing an animal into the Ag. Center Facility:
 - Obtain permission from an AST over that species, AST examination of animal upon the arrival to the facility. In addition, swine projects must be given vaccinations before being allowed into their pens.
 - Attend the informational meeting with his/her parent/legal guardian and AST
 - Pay all relevant fees
 - Ms. Holland and Mrs. Montford must approve any swine project before it is allowed in the Kelly W. Box Agriculture Center.

NISD FFA VISION FOR SWINE SAE PROJECTS

- We believe that we have the ability to become an elite swine exhibiting facility, and that students will be rewarded with; scholarships, prize money, accolades and a unique experience second to none.
- We aspire to increase the success of the program, first in terms of quality, secondly in terms of quantity;
- Provide scheduled times, once a week to educate and grow (Workout Workshop(s))
- Increase capital investment; Feed one additional animal
- Growing the gilt program to top tier status.
 - Prerequisites include;
 - Previous involvement in exhibiting market swine at Major stock show & be in good standing with supervising ASTs
 - Showed capacity to consistently care for animals' health & wellbeing
 - Participated in 2 Workouts per month
 - Exhibit market swine(s) & Breeding Gilt show jointly
 - Participate in and assist in facilitation of Workout Workout(s)

Ag. Center Access:

- We require a pen rent, at the rate of \$25.00 per animal swine project.
- Once we have received the signed feeding contract(s) you will be given a Key Card which allows you to access the Ag center from the hours of 6:00 AM to 9:30 PM.
- Checks and prize money will be held until all requirements have been met.
 - Individual pen spaces must be cleaned by: **March 16rd**

o Mandatory Center Clean up date: **April 2nd from 5 - 7 PM**

- *Note. All animals must be removed from the barn by **April 4th***

FEEDING YOUR ANIMAL

All hogs must be fed twice a day on a regular schedule, once in the morning and once in the evening (including weekends). Fresh feed must be provided each feeding. Drive by feeding is not right and highly discouraged! Make sure you reserve enough time for your animal to eat all its food while you are present in the Kelly W. Box Agriculture Center. After your animal has completed eating remove excess feed from the feed trough.

It is the responsibility of each student to secure transportation to and from the Kelly W. Box Agriculture Center. Students must take care of their animals before and after school. It is understood that some students will have other commitments after school and will have to care for their animals later. This should be done before 9:00 pm. The Agriculture Science Teachers in charge of swine will help direct the students on how much to feed their swine.

SWINE FEEDING HELPFUL INFORMATION

- Remember to feed by weight and not volume
- Light-colored pigs should always be fed in locations that are totally shaded.
- Remember the feed conversion for swine is for every **3 pounds** of feed eaten your pig will gain **1 pound**. Some swine projects will convert at a better ratio, but this is the usual standard. This is why weighing your animal is important.
- A pig can normally eat between six and eight pounds of feed a day. Remember this when feeding your animal for show.

Our Feeding Recommendation: We strongly recommend feeding *Sunglo, MFM Show pig feed*. We have used MoorMans, Linders, champion's choice or Show Right feed products in the past. We will look at what each pig needs and assess what feed is the best fit for that pig.

- Feed rations are individualized to fit the specific needs of animal based on the phenotypical analysis given that time period:
 - We recommend purchasing Sunglo 16g on or before the week we say that we are going to get your animal.
 - **NO FEED IS GOOD UNLESS IT IS FRESH!** Please do NOT buy more than one 50 lb. bag of feed at a time until your pig exceeds 100 lbs. in weight.
 - Feed your pig at the same time every morning and every night! (Within a 30 min window each day)
 - o Train your pig to eat; once they are adjusted and on feed give them 20 minutes to eat, then pull their feeder.

STUDENT DAILY RESPONSIBILITIES & CLEANUP

- Must check animal twice a day regardless of extenuating circumstances.
- Each swine feeder will need to clean and rake his or her pen level everyday
- All feeders are to sweep in front your pen from the edge of pen to the wall/lockers.
- All manure should be removed and placed in the manure bin daily.
- Concrete slabs are to be swept and clean from any debris.
- All tools should be put back in their correct places when students are done with them.
- After every feeding remove the animal's leftover feed from the pan. Every day, check animals for scours (loose feces), proper urination, and snotty nose. **Report ANY change of eating habits immediately to the Agriculture Teacher.**

- Medications:** *If medication is needed for your animal please discuss it first with the Agriculture Teacher in charge of swine projects. DO NOT GIVE ANY MEDICATION WITHOUT FIRST DISCUSSING IT WITH THE AGRICULTURE TEACHER IN CHARGE.*
- Implement a buddy system to create exchanged work schedule.
- Workout Workshop(s) – TBA

Barn Expectations:

In order to make the Kelly W. Box Agriculture Center: Swine Barn clean and disease free as possible, all swine SAE students will be required to perform additional cleanup assignments inside/outside the facility and pens as deemed necessary.

- All personal items and feed must stay in tack room.
- Barn clean ups are mandatory and designated at the beginning and/or end of the feeding period.
 - If a student is unable to attend, he/she is responsible for scheduling a makeup job with their AST.
 - In addition, there will be other scheduled barn clean ups that will be required for students to attend.
- Follow the barn clean up schedule:
 - List for signups will be sent out after all pigs are in the barn.
- Shavings and trash will be put in the dumpster and not the ground around the dumpster.
- Helping not only our friends, but also our FAMILY.

Pen Expectations:

- Pens must be cleaned once a day.
 - The cleaner you keep your pen, the healthier your pig will be and the longer your shavings will last.
- Students will scoop the manure into buckets, then dump the manure into the long dumpsters located outside the swine barn. This needs to be done daily.
- Do Not wash sand/manure/debris down the drain. Sweep the items in a pile, use a shovel to scoop them up, and place them in a manure cart. Then place the contents from the manure cart in the manure bin.
- Shavings must be maintained at a reasonable level. *(Per Ag teacher's digression)*
 - A good rule of thumb; 5-6 inches in your entire pen; with an exception of the drain.
 - Ask yourself, "Would I want to sleep on this?"
- No mechanical, wooden, electrical or metal structures may be placed in pens without the advisors' approval. Pen structures may not be altered without the approval of the AST.
- Do not alter water lines in any of the pens. One water line in each pen
- Pen Setup: Must be completed two days before you receive your animal.**
- All provided items must remain in the original location set up by the advisor, removing or relocating items will result in a meeting with advisors and AG Coordinator.**

Workout Workshops, Meetings, and Feeding Clinics:

- We will hold feeder meetings and practice clinics at various times throughout the showing year at the Kelly W. Box Agriculture Center. You will be required to attend any feeder meetings that are scheduled.
- At these meetings is where we will discuss important information related to the Swine Barn and our students. The clinics are designed to help our students with showmanship and exercise. If you would like one on one help from me this is a dedicated time that we will be at the Kelly W. Box Agriculture Center to help with feeding/exercise/showmanship among other things. Please be present during this time if you need additional help.
- The importance of presenting one's show pig to its potential cannot be overemphasized. Many times a show pig is placed higher than it should, simply because the student had the ring awareness to "hide" the pig at the appropriate time. Students need to use showmanship techniques to accentuate the good

qualities of their pigs. The combination of a “good” show pig and excellent showmanship ability are critical to success. The best way for young students to gain insight on how to become good at showmanship is to observe older students who have mastered showmanship. Adults should point out the positive qualities of these individuals and have the young student practice these techniques at home.

- We will be using a clipboard system to help with communication with swine feeders. This will help us leave messages and information to feeders that we will not be able to see on a regular basis. The clipboard with sheet will be zip tied to the bar above each pen. Please check the clipboard sheet to see if we leave any information for you, and we will check the clipboard to see if you leave any information for us.

Note. There will be Swine Meetings every Tuesday Afternoon from 6 PM to 7 PM

Weighing Your Animal:

All swine feeders will need to weigh their animal(s) by Tuesday of each week once they are able to walk out of their pen correctly. It’s the responsibility of each student to record the weights of their animal(s) on the clipboard hanging above their pen and to notify the Agriculture Science Teacher of their animal’s weight each week.

Exercising Your Animal:

Swine projects should be walked daily as soon as they are adjusted to you and the Kelly W. Box Agriculture Center. Once they are able to walk you will need to work on showmanship daily. Students will practice their showmanship skills in the main arena area of the Kelly W. Box Agriculture Center. You will need to practice showmanship in groups so the animals get used to being with other animals. Also, don’t practice with the same group each time so your animal can get used to different hogs.

At 125-150 lb. body weight, it is important to begin training show pigs. Pigs should be handled on a daily basis and become exposed to a show ring environment. Start by getting the pigs out of their pens for short periods of time. Gradually increase the show ring training to 20 minutes per head daily. Pigs should be taught to respond to a show quirt and “drive” in the show ring in a calm manner.

Clipping and Preparing Your Animal for the Show:

- Swine projects will be required to be clipped before showing. This includes Sonny Nance, Denton County, San Antonio, and Houston.
- Swine project(s) will need to be washed and dried before clipping of the animals.
- Students can clip on their own or clip with help from Ms. Holland and/or Mrs. Montford during the selected clipping day(s).
- Will have to check out a clipping box if clipping on a day other than the selected clipping day(s).
- You are responsible for items in the clipping box.
- Students are responsible for clipping their own animals.

LIVESTOCK SHOW IMPORTANT INFORMATION

Stock Show Sign Up:

- **October 24th 5pm-7pm at the Kelly W. Box Agriculture Center**
- This is a come & go event, but is Mandatory for both Parents and Students to Attend
 - All students who wish to exhibit their animal at ANY Livestock Show MUST complete the Quality Counts training.
 - Look for this test and resources on your school FFA Web page (SAE Tab)
 - This is new this year even if you have done this in the pass please look for the new QC.
 - Bring Cash &/or Checkbooks to pay for entries. Student SS# will be required.

Stock Shows: It is the Agriculture Science teacher(s) recommendation to enter both shows and decide what animal is to attend which show as we get closer to show time.

- Weight issues, phenotypically peaking, etc.

Note. Please BOOK your HOTELS NOW for any stock shows your student may be attending!

Sonny Nance Guidelines

– January 11th at the Kelly W. Box Agriculture Center.

Denton County – TBA

San Antonio Livestock Show & Rodeo Guidelines

□ **Breeding Gilts: Junior & Open Breeding Swine Dates are February 5-8th**

- February 6th Show Order: Duroc, Landrace, Hampshire, Berkshire
- February 7th Show Order: Spot, Chester, Poland China, York
- Cross Breeds Show on February 6th

Purebred Judges: Maverick Squires & Glen McCune

- Purebred Gilts - Students may enter up to two breeding gilts
- Purebred Gilts MUST be VALIDATED
- Registration Date is December 1st, Farrowed - July 1st and September 10th, 2019 Inclusive

Cross Bred Judges: Ben Moyers

- Cross Bred Gilts – Students may have ONLY 1 Entry per student
- All Cross Bred Gilts MUST be VALIDATED
- Min Weight 230lb - Max Weight 340lb

□ **Market Barrows: Junior Market Barrows February 18-20th (White Wave ONLY)**

Note. White Wave includes the following Breeds: Chester, York, Landrace, and Cross Breeds

Judges: Ryan Sites & Brandon Yantis

- Min Weight – 240
- Max Weight – 280
- Reweigh – Above 10lb grace – no DQ for below
- Champion Reweigh – Wave II is 20lbs

Houston Livestock Show & Rodeo Guidelines

□ **Breeding Gilts: Sunday, March 1st – Tuesday, March 3rd**

Breeding Show Judges: Austin Thompson

- Breeding Gilts – Registration Date is December 1st, Farrowed – July 1st to September 30th, 2019

□ **Market Barrows: Saturday, March 14th – Thursday, March 19th**

Market Show Judges: Justin Rodibaugh & Seth Swenson

Wave 1: Dark Barrows

Wave 2: Light Barrows

- Min Weight – 240
- Max Weight – 280
- Reweigh – Above 10lb grace – DQ for below
- Champion Reweigh – Wave 1 – 20lb above or below, Wave 2 – 15lb above or below

BASIC EVERYDAY SWINE SUPPLIES

Required Supplies: (The feed stores have a majority of these products)

- POSITIVE ATTITUDE!!!
- Animal Bathing Soaps and Lotions - Cheap “Dollar General” Soaps work fine
 - Brush (One for show & one for oil) (www.sullivansupply.com) Item code: SHHPB
- Castration Wound Spray (if not already castrated)
- Champions Choice- Skin & Hair oil (www.sullivansupply.com) Item code: CHC (722)
- Feed (depends on the pig)
- Feed Bucket
- Feed Trough w/Clips
- PVC Water Feeder for Stock Shows
- Rubber Boots
- Shavings 5 Bales (Large flakes, Small flakes will not be allowed in the barn)
- Small Feed/Water Measuring/Mixing Container
- Spectam- Scour suppressant (Use cautiously)
- Supplements that you want to give at show
- Towels – Large and Small
- Two Brushes – 1 soft brush and 1 stiff brush
- Two Swine Show Stick
- Spray Water Bottle
- Water Hose with Spray Nozzle
- Zip Ties – 1 Package of 24” L

Optional, but *HIGHLY* Recommended:

- Pitch Fork
- 5 Gallon Bucket
- Broom
- Baling Wire
- Pliers
- Diaper Cream (for pigs with white on them)
- Horse Fly & Bug spray

BREEDS OF SWINE PROJECTS

Breeds of swine projects that can be shown at livestock shows:

- Berkshire:** shows in opb category (Black with white points, erect ears)
- Poland China:** Similar to Berkshire in quality, slightly better. (Black with white points and face, droopy ears)
- Landrace:** Lower in popularity in the opb division hog. (Solid white, very long body and very long droopy ears)
- Spot:** One of the more successful in opb division (black, white and grey spots droopy ears)
- Chester:** One of the more successful in opb division (Solid white with droopy ears)
- Duroc:** Show in own breed and very popular with larger class sizes. (Solid red with droopy ears)
- York:** Similar to Duroc in class size and quality. (Solid white with erect ears)
- Hampshire:** Very popular, second most likely hog to win grand champion behind the crosses. (Black with white belt and erect ears)
- Crossbred:** Largest classes, most competitive and most often selected grand champion. (Can be any color and ear set)

**Note. If you wish to show a breeding gilt at San Antonio and Houston Livestock Shows, there is a chance at a scholarship for breed champions. It is a scholarship that only a small amount of students in the state receive. It doesn't pay much of anything after this, but you can be more successful showing the same hog at county, San Antonio, and Houston.*

***Note. You need to know that it is best to do this with a minor breed as purebred hogs won't compete as well against other crossbred hogs at the county level. This often makes crossbred hogs more affordable as high quality registered animals are often costlier.*

TERMS STUDENT WILL NEED TO KNOW

Barrow	male pig castrated before reaching sexual maturity.
Body Capacity	This term describes the shape of a pig in relation to growth, health, feed conversion, and the quality potential of the carcass.
Bone	This describes the diameter of the bone in the legs, jaw and the width of the head. Good bone is important for determining how well the pig will carry its weight.
Butcher Hog	A butcher hog, also known as a market hog, is a pig that weighs between 220 and 260 pounds, is approximately 6 months old, and was raised to for slaughter.
Castrate	remove testicles by surgery.
Electrolytes	electrolytes are mineral salts that get absorbed into the body to repair problems associated with dehydration, diarrhea, and fever
Estrus	also known as “going into heat” or “in heat”, is the period when the sow or gilt is sexually receptive. Usually every 21 days, with gilts starting their first estrus between 5 and 8 months depending on the breed of pig.
Feed Efficiency	The amount of feed needed for a pig to gain one pound of weight. This is an important factor when choosing pigs for farrow to finish.
Frame	The skeletal system of a pig. Large frames are desirable in pigs. Also relevant to bone.
Gilt	A gilt or gilts are young females that have not yet produced a litter.
Litter	all the offspring from a single farrowing.
Pig Boards	if you’ve been a fair and seen the swine show you have seen a pig board. They are made from plastic and plywood, between 30 and 40 inches high and have hand holes cut in them. Pig boards are used to guide pigs when they are being moved.
Purebred	Pigs that have been bred to members of their own breed and usually have pedigrees to prove their lineage.
Scours	Diarrhea. Severe scours can cause death.
Snare	a device that is put around a pig’s snout to restrain the pig.
Sow	female which has farrowed at least once.
Swine	a general term used for all pigs.
Top Dress	manually adding supplements to a hogs feed.
Weaning	removing young from their mother. Weaning can take place anywhere from 3 to 8 weeks depending on the farmers growing system. Little Pig Farm recommends leaving the piglets to nurse for a minimum of 6 weeks

Quotes and Mottos

- Good hogs are bought, *Champions* are Fed!
- Feed and care is essential to a successful project!
- Showmanship has become more important than ever before!

- Realize showing is both a beauty and athletic contest
- Every day is critical
- Those students who do the little things right every day win consistently
- Sound daily management practices are key to show ring success

EMERGENCY CONTACT LIST FOR SWINE

Please contact the Ag teachers between the hours of 8:00am and 9:00pm. If an emergency exists, that needs immediate and/or urgent attention please contact a Doctor Veterinary of Medicine (DVM).

Note. Please remember a lack of planning on your behalf does not constitute an emergency on our behalf.

NISD Swine Supervisor's

Ms. Holland
Julie.Holland@nisd.tx.org

Mrs. Montford
Kassie.Montford@nisd.tx.org

Swine Remind101: A majority of the information will be shared this way.

How to join: Text @fgd3c37 to the number 81010

Scan the QR Code and please answer a few question to better serve you and your needs. **One per family.**



LOCAL VETERINARIANS

Decatur Veterinary Clinic
 2101 S College Ave
 Decatur, TX 76234
 940-627-2158

Wise County Animal Clinic
 100 E Business 380
 Decatur, TX 76234
 940-627-2133

Justin Animal Hospital
 9849 FM 156 S
 Justin, TX 76247
 940-648-0328

Dr. Warren Wynn- Mobil Vet
 817-304-3201

Dr. Mark Crable
 817-439-4776