

Animal Breeding and Training: Livestock

Category Rules

This category is for the breeding and training of hogs, boars, goats, sheep, cattle, and other livestock except poultry and equines. Period training techniques may range into the unacceptable and cruel. Knowledge of, rather than practice of, these techniques and acceptable substitutes should be stressed. The scoring under the Skill category should reflect the appropriate use and choice of animals for a given time or place.

A video of the performance must also be submitted either as a link to an online video or as an mp4 file. **If the video is longer than 10 minutes, it must be submitted as a mail-in entry**, sent (postmarked) to the KMOAS **by January 15**. No late entries will be accepted. **THE KMOAS RECOMMENDS THAT YOU EMAIL YOUR ENTRY**. Any updates or changes to this deadline will be published in the Middle Kingdom newsletter, *The Pale*. Post-mail entries are accepted, but will be scanned in and delivered via email to judges. This category is eligible for Regional Faires. If the video is under 10 minutes, the entrant will need to supply equipment to play the video without internet connection during judging.

Research and Documentation (Score: 0-4 points)

- 0 No documentation provided with entry. Face-to-face judging adds very little information.
- 1 Minimal information is provided for time, place and style. Face-to-face judging adds some background information.
- 2 As in #1, generalized sources are given with no emphasis on primary and/or scholarly resources. In face-to-face judging, no further understanding of the resources is evident. Materials and methods of construction of the entry are described.
- 3 As in #2, there is a good balance of resources: primary and/or scholarly sources well supported by other resources. Documentation and/or face-to-face judging provides well developed discussion of research. Materials and methods of construction are described and the reasons for the choices made are discussed.
- 4 As in #3, in-depth and extensive documentation provides a good balance of resources, emphasizing primary (if available) and/or scholarly resources backed up with a significant selection of other resources. Documentation and/or face-to-face judging provide a good explanation of original research and experimentation related to the research. Face-to-face judging indicates a keen grasp of the research and the entrant can discuss it easily with active engagement. Appendices included in documentation (if any) help provide further pertinent information to subject and time period.

Materials and Methods (Score: 0-4 points)

- 0 Entry is completely modern with no relationship to period elements or practices.
- 1 Use of modern materials and methods to produce an item that would not be accepted in period but either bears some relationship to an authentic work or might be useful within SCA culture.
- 2 Use of **both** modern materials and methods to produce a work that looks, feels, or tastes authentic to the intended time period or culture.
- 3 Use of **either** modern materials **or** methods to produce a work that looks, feels or tastes authentic to the intended time period or culture without explanation of any substituted materials.
- 4 Use of totally authentic materials and methods to produce a work that looks or feels authentic to the intended time period or culture. Any substitutions and the period materials/methods are thoroughly explained.

For Scope and Skill, please use the following guidelines for the specific type of animal.

Hogs/Boars

The entrant should have knowledge of the breed of hog in their entry, health concerns, and how the hog relates to hogs in period.

Scope (Score: 0-6 points for each item)

Rank the **ambition**, not the success, of the entry for each of the following elements according to their rubrics.

Size and/or complexity of project (number of animals used, combination of breeds).

- 0 points: Purchasing one adult pig from another source
- 1 point: Purchasing more than one adult pig
- 2 points: Purchasing one weanling pig
- 3 points: Purchasing more than one weanling pig
- 4 points: Purchasing a sow with a litter of piglets
- 5 points: Rearing a litter of piglets from a sow that was already pregnant
- 6 points: Breeding a pair of pigs, and raising the piglets

Type of training.

- 0 points: One or more pigs are fully grown and are taken directly to the butcher
- 1 point: One or more pigs reared indoors on grain alone
- 2 points: One or more pigs reared indoors on grain and hay
- 3 points: One or more pigs reared both indoors and in a pasture (grass) with grain supplementation
- 4 points: One or more pigs reared in a pasture (grass) with no grain supplementation
- 5 points: Multiple pigs foraging on their own (in a wooded area) but grain supplemented
- 6 points: Multiple pigs foraging on their own (in a wooded area) with no supplementation

Type of animal used.

- 0 points: none
- 1 point: Single hog of a modern breed
- 2 points: Multiple hogs of a single modern breed
- 3 points: Multiple hogs of multiple modern breeds
- 4 points: Single hog of heritage breed
- 5 points: Multiple hogs of a single heritage breed
- 6 points: Multiple hogs of multiple heritage breeds

Breeding for food.

- 0 points: Sow does not get pregnant
- 1 point: sow gets pregnant, but birth produces no viable piglets
- 2 points: sow gets pregnant, live births are less than 50% of total piglets, none survive to weanling
- 3 points: sow gets pregnant, live births are 50 to 100% of total piglets, none survive to weanling
- 4 points: sow gets pregnant, live births are 50 to 100% of total piglets, less than 50% of piglets survive to weanling
- 5 points: sow gets pregnant, live births are 50 to 100% of total piglets, more than 50% of piglets survive to weanling
- 6 points: sow gets pregnant, 100% live birth rate, 100% of piglets survive to weanling

Extent gone to ensure conservation of breeds.

- 0 points: no breeding
- 1 point: crossbred line
- 2 points: multiple crossbred lines
- 3 points: single purebred line
- 4 points: multiple purebred lines
- 5 points: Single heritage line
- 6 points: multiple heritage lines

Skill (Score: 0-6 points for each item)

The entrant should provide photographs or video of the animal(s) being used/handled if the animal(s) cannot be scored in person. How well is the entry executed? Rank the **success** of the entry for each of the following elements.

How the animal is used (hunter, entertainment, work, produce, etc.)

- 0 points finish out a pig
- 1 point raise a piglet to finished size
- 2 points raise multiple piglets to finished size
- 3 points breed a sow and sell piglets

- 4 points breed a sow and raise piglets to finished size
- 5 points breed multiple sows and sell piglets
- 6 points breed multiple sows and raise piglets to finished size

Application of husbandry techniques. Please provide photos or video of the animals in their living space. To assess the proper living conditions and husbandry of the animals, **give one point for each** of the following:

- Shelter
- Clean water
- Protection from the sun
- Healthy hogs/no illness or injuries
- Appropriate weight on animals
- Safe enclosure

Developing potential of breed: note any special laws or permits that may apply to this animal and its breeding.

- 0 points - None
- 1 point - Crossbred lines
- 2 points - Crossbred lines to improve product
- 3 points - Modern purebred line
- 4 points - Modern purebred lines crossed to improve product
- 5 points - Heritage line
- 6 points - Heritage lines crossed to improve product

Handling of animal. Photos or video of animals being handled should be provided. To assess the proper handling of the animals, **give one point for each** of the following:

- Animals are friendly/not afraid of humans
- Animals are calm and not squealing excessively
- Animals are not attacking each other
- They can move freely in and out of their shelter
- They can be herded easily
- Can be fed without showing aggression towards handler

Animal related product. Quality of product is a reflection of proper rearing and animal handling techniques. Sufficient documentation for period breeds should be accepted. 3 points for low average market hog and 6 points for an ideal market hog.

- 0 points: market pigs are too thin for slaughter
- 1 point: Live weight of market pig is 150 - 169 lbs (Guinea hogs 104 - 111 lbs)
- 2 points: Live weight of market pig is 170 - 189 lbs (Guinea hogs 112 - 119 lbs)
- 3 points: Live weight of market pig is 190 - 209 lbs (Guinea hogs 120 - 127 lbs)
- 4 points: Live weight of market pig is 210 - 229 lbs (Guinea hogs 128 - 135 lbs)
- 5 points: Live weight of market pig is 230 - 249 lbs (Guinea hogs 136 - 143 lbs)
- 6 points: Live weight of market pig is 250 - 270 lbs (Guinea hogs 144 - 150 lbs)

Goats/Sheep

The entrant should have knowledge of the breed of their entry, how it is commonly used (meat, dairy, fiber, pet), health concerns for that particular breed, how it relates to breeds in period, and some knowledge about products harvested from their entry.

Scope (Score: 0-6 points for each item)

Rank the **ambition**, not the success, of the entry for each of the following elements according to their rubrics.

Size and/or complexity of project (number of animals used, combination of breeds).

- 0 points: none
- 1 point: Single animal with single product
- 2 points: Multiple animals of a single breed with single product
- 3 points: Multiple breeds with single product
- 4 points: Single breed with multiple products
- 5 points: Multiple breeds with multiple products (one product from each line)
- 6 points: Multiple breeds with multiple products from each line

Type of training (work, entertainment, produce).

- 0 points: Nothing. Animal kept, no training or product

- 1 point: Single animal trained for a single task or product
- 2 points: Multiple animals trained for a single task or produces a single product
- 3 points: Multiple animals trained for multiple tasks or produces multiple products
- 4 points: Single animal trained for multiple tasks AND produces a single product
- 5 points: Multiple animals trained for multiple tasks AND produces a single product
- 6 points: Multiple animals trained for multiple tasks AND produces multiple products

Intricacy of training (work, entertainment, produce).

- 0 points: No training (human directs from behind the animal)
- 1 point: Trained to follow human
- 2 points: Trained to walk on a lead
- 3 points: Trained to wear a harness
- 4 points: Trained to ground drive with the harness
- 5 points: Trained to pull a cart while being lead
- 6 points: Trained to drive a cart (human directs from behind the animal versus leading)

Type of animal used.

- 0 points: none breeds
- 1 point: Single animal of modern breed
- 2 points: Multiple animals of a single modern breed
- 3 points: Multiple animals of multiple modern breeds
- 4 points: Single animal of a heritage breed
- 5 points: Multiple animals of a single heritage line
- 6 points: Multiple animals of multiple heritage lines

Breeding for product (milk, wool, pulling, etc).

- 0 points: No breeding
- 1 point: Crossbred
- 2 points: Crossbred to improve product
- 3 points: Modern line
- 4 points: Modern line, bred to improve product
- 5 points: Heritage line
- 6 points: Heritage line, bred to improve product
- +2 points (up to 6 total) for multiple lines and products

Extent gone to ensure conservation of breeds.

- 0 points: No breeding
- 1 point: Single crossbred line
- 2 points: Multiple crossbred lines
- 3 points: Single modern line
- 4 points: Multiple modern lines
- 5 points: Single heritage line
- 6 points: Multiple heritage lines

Skill (Score: 0-6 points for each item)

The entrant should provide photographs or video of the animal(s) being used/handled if the animal(s) cannot be scored in person. How well is the entry executed? Rank the **success** of the entry for each of the following.

Appropriateness of breed used.

- 0 points: Pygmy goat for meat or dairy (not to be confused with Nigerian dwarf goats)
- 1 point: Dairy goat used for meat
- 2 points: Crossbred used for single product, neither parent produced that product
- 3 points: Crossbred used for single product. At least one parent produced that product
- 4 points: Crossbred used for combined products. Parents produced those products
- 5 points: Modern: meat breed used for meat, dairy breed used for dairy, fiber breed used for fiber
- 6 points: Heritage: meat breed used for meat, dairy breed used for dairy, fiber breed used for fiber

How the animal is used (hunter, entertainment, work, produce, etc.).

- 0 points: Pet
- 1 point: Keep for fiber
- 2 points: Raise for meat
- 3 points: Keep for milk
- 4 points: Raise multiple breeds for one product
- 5 points: Raise multiple breeds for various products
- 6 points: Train multiple animals to cart and for fiber or milk

Application of husbandry techniques. Please provide photos or video of the animals in their living space. To assess the living conditions and husbandry of the animals, **give one point for each** of the following:

- Shelter
- Clean water
- Safe enclosure
- Room for exercise
- Animals appropriate weight
- No deformities/visible injuries

Developing potential of breed.

- 0 points: No breeding for improvement
- 1 point: Single crossbred line to improve product
- 2 points: Multiple crossbred lines to improve product
- 3 points: Single modern lines to improve product
- 4 points: Multiple modern lines to improve product
- 5 points: Single heritage line to improve product
- 6 points: Multiple heritage lines to improve product

Handling of animal. Photos or video of animals being handled should demonstrate this. To assess the handling of the animals, **give one point for each** of the following conditions observed:

- Animals are friendly
- Animals are energetic
- Animals not excessively aggressive to one another
- Will respond positively to offers of food
- Easy to handle
- Animals do not show aggressiveness to handlers

Animal related product. Quality of product is a reflection of using proper rearing and animal handling techniques. Documentation of period breeds should be taken into account since these are based on averages for modern breeds. 3 is low average, 6 is high average.

- 0 points: No training, no products
- 1 point: Training: can be handled; 1lb wool, 3lbs of mohair, 1 lb of kid mohair, 55 lbs goat live weight, 63lb lamb live weight, 1 quart of milk a day
- 2 points: Training: can be leashed; 1-2 lbs of wool, 3-6 lbs of mohair, 1.5lbs lbs of kid mohair, 55-64 lb goat live weight, 64 -87lb lamb live weight, 1 -1.70 quarts of milk a day
- 3 points: Training: trained to lead; 2-9 lbs of wool, 7-9 lbs of mohair, 1.55-2.5 lbs kid mohair, 65 -77 lbs goat live weight, 88-111 lbs live weight lamb live weight, 1.75-2.95 qts milk a day
- 4 points: Training: can be harnessed; 10-19 lbs wool, 10-12 lbs mohair, 2.75-3.5 lbs kid mohair, 78-88 lbs live weight goat, 112-135 lbs live weight lamb, 3-4.45 qts milk a day
- 5 points: Training: can be hitched; 20-29 lbs of wool, 13-15 lbs of mohair, 3.75-4.75lbs kid mohair, 89-99 lbs goat live weight, 136-159 lbs live weight lamb, 4.5-6 qts milk a day
- 6 points: Training: fully trained to pull cart; 30+ lbs of wool, 16 lbs mohair, 5 lbs kid mohair, Goats 100+ lbs live weight, Lambs 160+ lbs live weight, 7+ qts milk a day

Cattle

The entrant should show knowledge of the breed/type of their entry, uses for that breed/type, health concerns for their entry, and cattle in general. An entry can be used for milk, meat, plowing or leather.

Scope (Score: 0-6 points for each item)

Rank the **ambition**, not the success, of the entry for each of the following elements according to their rubrics.

Size and/or complexity of project (number of animals used, combination of breeds).

- 0 points: one animal
- 1 point: 2-3 animals of one breed
- 2 points: 2-3 animals of multiple breeds
- 3 points: 4-5 animals of one breed
- 4 points: 4-5 animals of multiple breeds
- 5 points: 6+ animals of one breed
- 6 points: 6+ animals of multiple breeds

Type of training (work, entertainment, produce).

- 0 points: no training or products
- 1 point: 1 task trained or 1 product from 1 animal
- 2 points: 1 task trained & 1 product from 1 animal
- 3 points: 1 task trained or 1 product from multiple animals
- 4 points: 1 task trained & 1 product from multiple animals
- 5 points: multiple tasks or products from 1 animal
- 6 points: multiple tasks & products from multiple animals

Intricacy of training (work, entertainment, produce).

- 0 points: no training or products
- 1 point: trained to lead, produces one product
- 2 points: trained to ground drive, produces multiple products (milk and hair used for brushes)
- 3 points: trained to pull single, used for breeding
- 4 points: trained to yoke, used for breeding and producing a product
- 5 points: trained to drive single, used for breeding and producing multiple products
- 6 points: trained to drive double, used for breeding, original cattle and offspring used for multiple products.

Type of animal used.

- 0: kept 1 adult animal
- 1: kept multi adult cattle of 1 modern breed
- 2: kept multi adult cattle of multi modern breeds
- 3: raised multiple cattle of 1 modern breed
- 4: raised multi cattle of multi modern breeds
- 5: raised multiple cattle of 1 heritage breed
- 6: raised multi cattle of multiple heritage breeds
- +2 points (up to 6 total) for multiple generations of cattle

Breeding for product (milk, wool, hunting, war, etc).

- 0: crossbred neither parent produced product desired
- 1: crossbred 1 parent produced product desired
- 2: crossbred both parents produced product desired
- 3: modern purebred not known for product desired
- 4: modern purebred for product desired
- 5: heritage breed not known for product desired
- 6: heritage breed, known for product desired

Extent gone to ensure conservation of breeds.

- 0: bred one modern line
- 1: bred multiple modern lines
- 2: bred multiple modern lines to improve on product
- 3: bred multiple modern lines to improve on product
- 4: Bred heritage line
- 5: bred heritage line to improve on product
- 6: bred multiple heritage lines to improve on product

Skill (Score: 0-6 points for each item)

The entrant should provide photographs or video of the animal(s) being used/handled if the animal(s) cannot be scored in person. How well is the entry executed? Rank the **success** of the entry for each of the following.

Appropriateness of breed used.

- 0: crossbred neither parent produced product desired
- 1: crossbred 1 parent produced product desired
- 2: crossbred both parents produced product desired
- 3: modern purebred not known for product desired
- 4: modern purebred for product desired
- 5: heritage breed not known for product desired
- 6: heritage breed, known for product desired

How the animal is used (hunter, entertainment, work, produce, etc.)

- 0: pet
- 1: finish a calf for meat
- 2: keep a cow for milk
- 3: raise a calf for meat
- 4: raise a heifer to be bred and milked
- 5: train oxen to cart/plow
- 6: raise oxen to be trained to cart/plow

Application of husbandry techniques. Please provide photos or video of the animals in their living space. To assess the living conditions and husbandry of the animals, **give one point for each** of the following:

- Shelter
- Clean water
- Safe enclosure
- Proper weight
- Plenty of dry areas/ not too much mud
- Adequate space to move and get exercise

Developing potential of breed.

- 0: crossbred neither parent produced product desired

- 1: crossbred one parent produced product desired
- 2: crossbred both parents produced product desired
- 3: modern purebred but not known for product
- 4: modern purebred for product desired
- 5: heritage breed not known for product desired
- 6: heritage breed, known for product desired

Handling of animal. Photos or video of animals being handled should be referred to in order to score this section

To assess the handling of the animals, **give one point for each** of the following:

- No aggression towards handler
- No excessive aggression towards other cattle
- Respects fencing
- Easy to herd
- Can be handled for medical care
- Friendly and not afraid of handler

Animal related product. Quality of product is a reflection of using proper rearing and animal handling techniques.

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|---|------------------------------|--|
| 0 | No training | • No Product |
| 1 | Can be handled | • < 100 lbs of hanging weight, < 1 gallon of milk a day |
| 2 | Can be leashed | • < 100 lbs of hanging weight, < 1 gallon of milk a day |
| 3 | Trained to lead | • 200 - 299 lbs of hanging weight, 2 - 3 gallons of milk a day |
| 4 | Can be Harnessed | • 300 - 399 lbs of hanging weight, 4 - 5 gallons of milk a day |
| 5 | Can be hitched | • 400 - 499 lbs of hanging weight, 6 - 7 gallons of milk a day |
| 6 | Fully trained to pull a cart | • 500 - 600lbs hanging weight, 8 - 9 gallons of milk a day |

Ingenuity (Score: 0-4 points)

Judge the ingenuity of the entry. Was the entrant resourceful and inventive in the approach to creating their entry? Does the entry reflect the entrant’s vision of period context? Is original thought, contemplation, interpretation, and vision evident according to the entrant’s period?

Judge's Observation (Score: 0-6 points)

Rank the entry as a whole. How well do all the separately judged parts fit together? The entry's overall effect is judged in this section. This is the only section of the criteria where the judges may allow their personality, private opinions, and personal preferences to influence scoring.