

## 2022 MINIMUM STANDARDS FOR OHIO FFA PROFICIENCY AWARDS

All proficiency standards are based on **member share** of enterprise but must include all actual costs as this is measuring the project's proficiency. The following minimum standards must be met and shown in complete records; hours and earnings can be accumulated over the course of the member's FFA membership but **minimum standards** must be met in at least one of the years on record. At the minimum, members must have kept **TWO full calendar years worth of records** as an FFA member to apply for a proficiency award. All income must be verified in official record books that must accompany all applications.

**NOTE: If applying for a combination award, then at least one of the minimum standards must be met for that proficiency area.**

	Proficiency Award Area	Description	Minimum Standard
1.	<b>Accounting</b> <i>Ohio Award Only</i>	<b>Accounting</b> — Focuses on developing valuable lifelong skill of good accounting practices such as organization, money management and excellent record book keeping skills. Along with the completion of the record books, applicants are judged on accuracy and neatness.	<i>Minimum of two completed years of record keeping.</i>
2.	<b>Agricultural Communications</b>	<b>Agricultural Communications</b> — Includes programs in which a member is placed at a newspaper or other agricultural print (such as magazines) facilities to obtain training and practical experience in writing and publicizing in preparation for a writing communications career. Programs may also be at radio and TV stations, fair media rooms, or other businesses requiring speaking skills and knowledge of agriculture. The student may also own and produce an agriculture related broadcast or show. This area also includes any use of or development of social media or new technology aimed at communicating the story of agriculture. <b>NOTE: Projects working with media for the primary purpose of marketing or advertising for others belong in the Agricultural Services proficiency award area.</b>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours

3.	<b>Agricultural Education</b>	<p><b>Agricultural Education</b> – Relates to education and extension, including, but not limited to, youth mentoring, agricultural education departmental assistants, PALS mentors and student coordinators, developing and conducting informational materials and presentations for civic organizations and school-aged youth, and students who are involved in SAEs surrounding educating the public about the broad topics of agriculture, agriculture education and FFA. <b>NOTE:</b> <i>Creation or use of media for use other than educating the public about the stated topics belongs in either the Agricultural Communications or Agricultural Services proficiency award areas, depending on its intended use.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
4.	<b>Agricultural Mechanics Design &amp; Fabrication</b>	<p><b>Agricultural Mechanics Design and Fabrication</b> — Involves the design and construction of <b>agricultural</b> equipment and/or structures, and/or selection of the structural materials, and/or implementation of plans for utilizing wood, metal, plastic, concrete, electricity, plumbing, data communication cable systems, heating, ventilation, and/or air conditioning or other materials into agricultural settings. May also include the development of new and emerging agricultural technologies such as engineering, remote sensing, precision agriculture, ag-robotics and other new technologies not covered by a more appropriate area. <b>NOTES:</b> <i>Products fabricated or constructed for use in any proficiency area are included in this category. All facets of residential construction are considered non-agricultural and not eligible.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
5.	<b>Agricultural Mechanics Repair &amp; Maintenance-Entrepreneurship</b>	<p><b>Agricultural Mechanics Repair and Maintenance</b> — Member owns an enterprise or business involving the repair and maintenance of <b>agricultural</b> equipment (including lawn and landscape equipment) and/or structures, including agricultural power systems such as mechanical, electrical, chemical, wind, solar and/or water power. This includes agricultural equipment restoration where a student owns the piece of equipment. <b>NOTE:</b> <i>Personal and non-agricultural vehicles/equipment are considered non-agricultural (i.e.: racing or classic cars) and are not eligible.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p>

6.	<b>Agricultural Mechanics Repair &amp; Maintenance-Placement</b>	<b>Agricultural Mechanics Repair and Maintenance</b> — Member works for an employer involved in the repair and maintenance of <b>agricultural</b> equipment (including lawn and landscape equipment) and/or structures, including agricultural power systems such as mechanical, electrical, chemical, wind, solar and/or water power. This area includes agricultural equipment restoration where the member does not own the piece of equipment. <b>NOTE: Personal and non-agricultural vehicles/equipment are considered non-agricultural (i.e.: racing or classic cars) and are not eligible.</b>	<i>Placement</i> 100 hours
7.	<b>Agricultural Processing</b>	<b>Agricultural Processing</b> — A member owns an enterprise or works for a business of assembling, transporting, processing, fabricating, mixing, packaging and storing food and nonfood agricultural products. Programs could include processing meat, milk, honey, cheese, raisins and other dried fruits, maple syrup and/or other food processing. Nonfood products could include by-products processing such as meat, bone, fish and blood meal, tallow, hides; processing of wool & cotton, making compost, cubing and pelleting of forages, producing bird seed and other pet foods. Project may include, but not solely by, the sale of the processed product. <b>NOTE: This area does not include any production of raw products (animals and plants) only processing them. Processing of non-food forest products is not included in the agricultural processing area; see the Forest Management and Products area.</b>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours

8.	<b>Agricultural Sales – Entrepreneurship</b>	<p><b>Agricultural Sales</b> — Member owns an agricultural enterprise or business, not covered in a more appropriate proficiency award category. This could include sales of feed, seed, fertilizer, agricultural chemicals, agricultural equipment, machinery or structures. Enterprises could also include the merchandising (buying an item with the sole purpose to resell it in a short time frame) of crops, livestock, processed agricultural commodities, horticulture products (including quarry rock for decorative or landscape purposes), floriculture (including the creation of floral arrangements), and forestry items at either the retail or wholesale level. <b>NOTE:</b> <i>An SAE that includes the production or processing of items (other than floral arrangements) does not belong in this award area. Projects that include all of the following: growing floral plants, designing and/or selling floral arrangements should be entered in the Diversified Horticulture proficiency area.</i></p>	\$500 in gross earnings
9.	<b>Agricultural Sales – Placement</b>	<p><b>Agricultural Sales</b> — Member works for an agriculture related enterprise or business that is not covered in a more appropriate proficiency award category. This could include sales of feed, seed, fertilizer or agricultural chemicals, agricultural equipment, machinery or structures. Activities could include the merchandising (buying an item with the sole purpose to resell it in a short time frame) of crops, livestock, processed agricultural commodities, horticulture products (including quarry rock for decorative or landscape purposes), floriculture (including the creation of floral arrangements), and forestry items at either the retail or wholesale level. <b>NOTE:</b> <i>An SAE that includes the production or processing of items (other than floral arrangements) does not belong in this award area. Projects that include all of the following: growing floral plants, designing and/or selling floral arrangements should be entered in the Diversified Horticulture proficiency area.</i></p>	100 hours

10.	<b>Agricultural Services</b>	<p><b>Agricultural Services</b> — Member owns or works for an agricultural business whose primary activity is to provide agricultural services that are <b>not covered in any other proficiency award area</b>. This includes agricultural enterprises such as custom equipment operation, agricultural management and financial services, animal breeding services, custom baling, crop scouting, implementing integrated pest management programs, horseshoeing, taxidermy services, auction services (working at or owning the auction business), commercial agricultural well drilling, residential tree removal service, custom and contract feeding services, marketing/advertising of agricultural products through social media, print, radio and TV, soil/crop testing, animal feed ration testing or development and other agricultural services. <b>NOTE:</b> <i>Activities related to lawn care, landscaping, mowing or other landscape and yard care activities are not included in this area. See Landscape Management, Turf Grass Management, Nursery Operations, etc.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
11.	<b>Agriscience Animal Systems Research</b>	<p><b>Agriscience Animal Systems Research</b> – Research in the life processes, health, nutrition, genetics, management and processing of animal systems related to small animals, aquaculture, livestock, dairy, horses and/or poultry.</p>	

12.	Agriscience Integrated Systems Research	<p><b>Agriscience Integrated Systems Research</b> – Must fit one of the following descriptions:</p> <ul style="list-style-type: none"> <li>· <b>Diversified Research</b> – Research in two or more of the Agriscience research areas.</li> <li>· <b>Environmental Service Systems/Natural Resource Systems Research</b> - Research in the systems, instruments and technology used in environmental service and/or natural resources and their influence on the environment.</li> <li>· <b>Food Products and Processing Systems Research</b> - Research in the product development, quality assurance, food safety, production, sales and service, regulation and compliance, and food service practices within the food industry.</li> <li>· <b>Power, Structural and Technical Systems Research</b> - Research in the agricultural equipment, power systems, alternative fuel sources and precision technology, as well as woodworking, metalworking, welding and project planning for agricultural structures.</li> <li>· <b>Social Sciences Research</b> - Research of leadership, personal growth and career success skills necessary for a chosen profession that effectively contributes to society.</li> </ul>	
13.	Agriscience Plant Systems Research	<p><b>Agriscience Plant Systems Research</b> – Research in the life cycles, classifications, functions, practices of plant systems related to crops, turf grass, trees and shrubs and/or ornamental plants.</p> <p><i>The Agriscience Research Proficiency Awards are designed for those students actively engaged in agriscience research and experimentation. This includes members who are actively engaged in doing their own research individually or who may be cooperating on research projects with others including but not limited to teams in school, experiment stations or colleges/universities. The applicant must be actively involved in all of the following: development of the experimental design, formulation of the hypothesis, collection of data, interpretation of the data and publicizing the results to be considered for an Agriscience Research Proficiency Award.</i></p>	

14.	<b>Beef Production – Entrepreneurship</b>	<b>Beef Production</b> — Member owns the enterprise or business that uses the best management practices available to efficiently produce and market beef. This award area is for any animals raised mainly to produce beef and all beef breed animals, including miniature Herefords, Zebu, etc.	Scope: 3 cows or 5 fattening calves or 5 veal calves or combination of 5 cows and replacement heifers.
15.	<b>Beef Production – Placement</b>	<b>Beef Production</b> — Member works for a livestock producer applying the best management practices available to efficiently produce and market beef. This award area is for any animals raised mainly to produce beef and all beef breed animals, including miniature Herefords, Zebu, etc.	100 hours
16.	<b>Dairy Production – Entrepreneurship</b>	<b>Dairy Production</b> — Member owns an enterprise or business and applies the best management practices available to efficiently produce and market dairy cattle, including the raising of breeding animals for dairy produces (i.e., bulls and heifers) and raw dairy cattle products. This award area also includes enterprises in which a member leases cattle for dairy production.	3 cows in production or 5 replacement heifers or total of 5 cows and heifers.
17.	<b>Dairy Production – Placement</b>	<b>Dairy Production</b> — Member works in an enterprise or business applying the best management practices available to efficiently produce and market dairy cattle, including the raising of breeding animals for dairy produces (i.e., bulls and heifers) and raw dairy cattle products.	100 hours
18.	<b>Diversified Agricultural Production</b>	<b>Diversified Agricultural Production</b> — Involves the use of the best management practices available to produce and market a combination of livestock and crops in <b>two or more</b> proficiency areas. These areas include at least one species included in Diversified Livestock and at least one species included in Diversified Crop proficiency area.	Meet at least one specific livestock and one specific crop area that meet minimum.
19.	<b>Diversified Crop Production – Entrepreneurship</b>	<b>Diversified Crop Production</b> — Member owns an enterprise or business that applies the best management practices available to efficiently produce and market crops from <b>two or more</b> of the following proficiency areas: grain production, fiber & oil crop production, forage production, specialty crop production (excluding floriculture production), vegetable production or fruit production.	Any two specific crop areas that meet minimum standards.

20.	<b>Diversified Crop Production – Placement</b>	<b>Diversified Crop Production</b> — Member works for a business that applies the best management practices available to efficiently produce and market crops from <b>two or more</b> of the following proficiency areas: grain production, fiber & oil crop production, forage production, specialty crop production (excluding floriculture production), vegetable production or fruit production.	100 hours
21.	<b>Diversified Horticulture</b>	<b>Diversified Horticulture</b> — Member owns or works for an enterprise or business that applies the best management practices available to efficiently produce and market plants from <b>two or more</b> of the following proficiency areas: landscape management, nursery operations, turf grass management, floricultural production accepted in the specialty crop production proficiency area. Projects which include the production of floriculture plants and, but not only, the design and/or sale of floral products (corsages, boutonnieres, bouquets, etc.) qualify in this area.	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours
22.	<b>Diversified Livestock Production</b>	<b>Diversified Livestock Production</b> — Involves the use of the best management practices available to efficiently produce and market a combination of animals for <b>two or more</b> of the livestock related proficiency award areas. These areas include beef, dairy, sheep, swine, equine, goat, specialty animal, poultry or small animal production and care.	<i>Entrepreneurship</i> Meet any two of specific livestock areas that meet minimum.  <i>Placement</i> 100 hours



23.	<b>Environmental Science and Natural Resources Management</b>	<p><b>Environmental Science and Natural Resources Management —</b> Students receive practical experience concerned with the principles and practices of managing and/or improving the environment and natural resources. Activities may include the areas of management of agriculture waste (excluding common compliance with EPA regulations) recycling of agriculture products, environmental cleanup, land/wetland reclamation, serving in the conservation corps; managing agricultural energy usage (not for building or maintaining), multiple uses of resources, land use regulations pertaining to soil, water and air quality, preservation of wetlands, shorelines, and grasslands, erosion prevention practices; public relations and education concerning pollution; installing subsurface drainage, public relations and education concerning pollution. Projects that solely install/maintain drainage tiling systems belong in agricultural services.</p> <p><b>NOTE:</b> <i>Activities primarily for the purpose of creating or improving wildlife habitat or producing and managing wildlife are not eligible in this area, see Wildlife Production and Management.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
24.	<b>Equine Science – Entrepreneurship</b>	<p><b>Equine Science —</b> Student owns an enterprise or business that provides experiences in horse production, breeding, marketing, showing and other aspects of the equine industry. Programs may also include the training and/or management of horses for activities such as but not only roping, racing, rodeo, show, riding lessons and therapeutic horseback riding if horses are owned and/or managed by the member. Miniature horses are included in this proficiency area.</p> <p><b>NOTE:</b> <i>Participation in the events in which equine are used but where activities do not involve the above may belong in other areas.</i></p>	<p>\$500 in gross earnings</p>

25.	<b>Equine Science – Placement</b>	<b>Equine Science</b> — Studnet works for an employer providing experiences in horse production, breeding, marketing, showing and other aspects of the equine industry. Programs may also include the training and/or management of horses for activities such as but not only roping, racing, rodeo, show, riding lessons and therapeutic horseback riding if horses are not owned but are managed by the member. Miniature horses are included in this proficiency area. <b>NOTE:</b> <i>Participation in the events in which equine are used but where activities do not involve the above may belong in other areas.</i>	100 hours
26.	<b>Fiber and Oil Crop Production</b>	<b>Fiber and Oil Crop Production</b> — Member owns the enterprise, or works for a business that includes the best management practices available to efficiently produce and market crops for fiber and/or oil such as cotton, sisal, hemp, soybeans, sesame seed, flax, mustard, canola, castor beans, sunflower, peanuts, dill, spearmint, and safflower.	<i>Entrepreneurship</i> 5 acres of oil crops  <i>Placement</i> 100 hours
27.	<b>Forage Production</b>	<b>Forage Production</b> — Member owns the enterprise, or works for a business that includes the best management practices available to efficiently produce and market crops for forage such alfalfa, clover, brome grass, orchard grass, grain forages, corn and grass silages, all pastures and sorghum (not used for grain), <b>NOTE:</b> <i>Custom baling activities more appropriately fit in the Agricultural Services award area.</i>	<i>Entrepreneurship</i> 5 acres of forage crops  <i>Placement</i> 100 hours
28.	<b>Forest Management and Products</b>	<b>Forest Management and Products</b> — Member owns the enterprise, or works for a business that includes the best management practices available to conserve or increase the economic value of a forest and/or forest products through such practices as thinning, pruning, weeding, stand improvement, reforestation, insect and disease control, planting, harvesting, Christmas tree farming, making and selling cedar shakes, firewood, wood chips/mulch and working for local, state or federal forest management agencies. <b>NOTE:</b> <i>This area does not include food items harvested from the forest, residential tree removal services or processing/use of lumber beyond processing at the lumber mill.</i>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours

29.	<b>Fruit Production</b>	<p><b>Fruit Production</b> — Member owns the enterprise, or works for a business that includes the best management practices available to efficiently produce and market crops for fruits and nuts such as stone fruits, pome fruits, citrus fruits, pineapples, coconuts, berries, cranberries, melons, grapes, olives, nuts (not peanuts) and all common fruits. (Pome fruits include apples, mayhaws, and pears. Stone fruits include peaches, nectarines, plums, apricots and cherries). <b>NOTE:</b> <i>SAEs involving processing fruits/nuts beyond the raw product are better suited to the Agricultural Processing award area.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
30.	<b>Goat Production</b>	<p><b>Goat Production</b> — Member owns the enterprise, or works for a business that involves the use of the best management practices available to efficiently produce and market goats and all raw goat products. <b>NOTE:</b> <i>Processed products are better suited to the Agricultural Processing award area.</i></p>	<p><i>Entrepreneurship</i> 5 breeding age does, 20 market goats, 3 does &amp; 10 kids combination</p> <p><i>Placement</i> 100 hours</p>
31.	<b>Grain Production</b>	<p><b>Grain Production</b> — Member owns the enterprise or works for a crop producer or grain production related business that applies the best management practices available to efficiently produce and market crops for grain production such as corn, barley (including the malting types), millet, buckwheat, oats, grain sorghum, milo, wheat, rice and rye. Production of certified grain seed is included in this area. <b>NOTE:</b> <i>Grain Production does not include any of the aforementioned crops with an intended use for forage.</i></p>	<p><i>Entrepreneurship</i> 5 acres of grain</p> <p><i>Placement</i> 100 hours</p>
32.	<b>Landscape Management</b>	<p><b>Landscape Management</b> — Member owns the enterprise or works for a business that includes experiences with planting and maintaining plants and shrubs, landscaping and outdoor beautification, grounds keeping, sprinkler installations and lawn mowing/care services, portions of the project can include hardscaping and the installation of decorative rock, etc. <b>NOTE:</b> <i>Projects including only the installation of hardscaping and building of landscape structures belong in the Agricultural Mechanics Design and Fabrication proficiency area.</i></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>

33.	<b>Nursery Operations</b>	<b>Nursery Operations</b> — Member owns the enterprise or works for a business that provides experience in growing, marketing and selling ornamental plants, vegetable starter plants, shrubs and/or tree production for the purpose of transplanting or propagation. This could include water garden plants if produced for sale.	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours
34.	<b>Organic Agriculture</b> <i>Ohio Award Only</i>	<b>Organic Agriculture</b> — Typically includes programs in which a member uses best management practices in producing food and/or agricultural products following industry guidelines for organic agriculture.	This is an endorsement to all applicable award applications.
35.	<b>Outdoor Recreation</b>	<b>Outdoor Recreation</b> — Member owns the enterprise or works for a business that develops or provides outdoor recreational activities for public or family use as experiential or income-producing enterprises. These enterprises could include agro-tourism, vacation cabins and cottages, camping and/or picnic areas, recreational fishing, and/or hunting areas, winter sports, shooting preserves, guide services, riding stables, trail rides (ATV, horseback, etc.), vacation farms and guest ranches, natural scenic or historic areas, and running petting zoos and rodeo events where the member does not own or manage animals. <b>NOTE:</b> <i>Personal participation in outdoor recreation activities is not included or considered an SAE. Beginning with the 2019-2020 award year lifeguarding of any type does not qualify as an eligible SAE.</i>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours
36.	<b>Poultry Production</b>	<b>Poultry Production</b> — Member owns the enterprise or works for a business that includes the best management practices available to efficiently produce and market chickens, turkeys, domestic fowl such as ducks, geese and guinea, and their raw products.	<i>Entrepreneurship</i> 100 broilers, 25 layers, 15 turkeys, 50 breeders (replacement layers), 25 domestic fowl  <i>Placement</i> 100 hours

37.	<b>Service-Learning</b>	<p><b>Service-Learning</b> — Member researches an agriculturally related community need(s), develops a written plan which defines the identified need and the proposed service solution. Member submits the plan or plans to a local review committee of stake holders and the FFA advisor, completes the project and provides a summary report of the project’s impact to the same review committee. Service must benefit a school, public entity or a substantial portion of the community. Service provided to the member’s own FFA Chapter is not eligible. Service project(s) must require the member to use agricultural skills and knowledge gained in the agriculture classroom to complete and must be of sufficient scope for the member to apply skills and abilities from the nationally accepted agriculture, food, and natural resource standards. Projects must be member initiated, planned, lead and reported and may not appear within the member’s chapter Program of Activities in the current or a prior year unless it has been significantly expanded or changed. Projects initiated, planned and conducted by a chapter are not eligible though chapter members may provide labor or resources to a member’s service learning SAE project. A member may not personally profit financially from the project(s). A small team of members may work together to complete a project(s) the member applying will report only their own hours, skills and growth. A continuous project must have new local review committee approval for added activities not included in the original plan.</p>	100 hours
38.	<b>Sheep Production</b>	<p><b>Sheep Production</b> — Member owns the enterprise or works for a business that includes the best management practices available to efficiently produce and market sheep, raw sheep products and wool.</p>	<p><i>Entrepreneurship</i> 5 breeding age ewes, 20 feeder lambs, 3 ewes &amp; 10 lamb combination</p> <p><i>Placement</i> 100 hours</p>

39.	<b>Small Animal Production and Care</b>	<p><b>Small Animal Production and Care</b> — Student owns the enterprise or works for a business that includes the best management practices available to efficiently produce and market small animals such as all rabbits, cats, dogs, mice, hedgehogs, guinea pigs, lizards, small birds (such as canaries, cockatiels, cockatoos, parakeets, parrots, etc.), and programs that typically provide a service in caring for the well-being of pets. Programs could include working at a pet shop, as a groomer, as a dog trainer, providing pet sitting services, working at a kennel, or preparing guide and assistance animals. <b>NOTE: Employment at a veterinary clinic or similar veterinary care enterprise assisting veterinarians in performing duties related to the health and welfare of animals belongs in the Veterinary Science Proficiency Area.</b></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
40.	<b>Specialty Animal Production</b>	<p><b>Specialty Animal Production</b> — Applies the best management practices available to efficiently produce and market specialty animals and their raw products within the agriculture industry. Members in this area must demonstrate that they are producing and marketing specialty animals not covered in any of the existing award areas. Specialty animals can include but are not limited to the following: alligators, aquaculture, bees, mules, donkeys, bison, oxen, mink, worms, ostriches, pigeons, emus, alpacas or llamas. Placement experiences could include roles as a zoo worker or placement at any specialty animal facility. In their supervised work experience, members must participate in hands-on activities including feeding, inoculating, performing basic animal care, weighing, measuring, showing and possibly marketing animals in an entrepreneurial or work placement environment. <b>NOTE: This award area does not include further processing of specialty animal products (i.e., honey, llama wool, etc.), processing of these products belongs in the Agricultural Processing Proficiency area.</b></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>

41.	<b>Specialty Crop Production</b>	<b>Specialty Crop Production</b> — Member owns the enterprise, or works for a business that applies the best management practices available to efficiently produce and market raw crops not covered in any of the existing award categories such as: native prairie plants, sugar beets, dry edible beans, green peanuts, gourds, tobacco, specialty corns (popcorn, white corn, Indian corn), all grass seed production, herbs and spices, mushrooms, sugar cane, hops, sorghum cane, confectionary sunflowers, production of crop seed or floriculture production (such as chrysanthemums, daylilies, etc.). <b>NOTE:</b> <i>This award area does not include further processing of these products, processing belongs in the Agricultural Processing Proficiency area.</i>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours
42.	<b>Swine Production – Entrepreneurship</b>	<b>Swine Production</b> — Member owns an enterprise that applies the best management practices available to efficiently produce and market swine and their raw products.	3 sows of breeding age, 30 feeder pigs or 2 sows & 15 feeder pigs
43.	<b>Swine Production – Placement</b>	<b>Swine Production</b> — Member works for an employer that applies the best management practices available to efficiently produce and market swine and their raw products.	100 hours
44.	<b>Turf Grass Management</b>	<b>Turf Grass Management</b> — Member owns the enterprise, or works for a business that involves the planting and maintaining of turf for outdoor beautification, providing a lawn mowing service that does not include installation or maintenance of additional landscaping, sod produced for sale and sport field or golf course management. <b>NOTE:</b> <i>Landscape maintenance that includes lawn mowing as only a portion generally belongs in the Landscape Management area except as noted above.</i>	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours
45.	<b>Vegetable Production</b>	<b>Vegetable Production</b> — Member owns the enterprise, or works for a business that applies the best management practices available to efficiently produce and market unprocessed crops such as asparagus, beans, potatoes, sweet potatoes, yams, pumpkins, sweet corn, tomatoes, onions, zucchini, hot peppers, and all common garden vegetables.	<i>Entrepreneurship</i> \$500 in gross earnings  <i>Placement</i> 100 hours

46.	<b>Veterinary Science</b>	<p><b>Veterinary Science</b> — Member owns the enterprise or works for a business that includes working with veterinarians in clinical practice, research facilities, colleges of veterinary medicine, animal health industry, or any other environment in which they assist veterinarians in performing duties related to the health of people and/or the health and welfare of large and small animals. This experience must be under the <b>supervision of a veterinarian</b> and may include wage earning, entrepreneurial or exploratory activities not limited to hands-on care of animals, management of business aspects of a veterinary practice, or working on legislation or regulations relating to animals.</p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>
47.	<b>Wildlife Production and Management</b>	<p><b>Wildlife Production and Management</b> — Member owns the enterprise or works for a business that includes the improvement and the availability of fish and wildlife through practices such as land and water habitat improvement or development, wildlife surveys, trapping or the stocking of fish and wild game. This area includes activities conducted with local, state or federal fish &amp; wildlife or natural resource agencies managing wildlife and habitat specifically for wildlife. The legal production of wild species for stocking such as ducks, geese, quail, pheasants, etc. are eligible if used as an income enterprise. Legal harvest of wildlife or fish for resale as an income enterprise is included in this category. <b>NOTE: <i>Personal participation in recreational or subsistence hunting or fishing is not eligible.</i></b></p>	<p><i>Entrepreneurship</i> \$500 in gross earnings</p> <p><i>Placement</i> 100 hours</p>