

## DIVISION S – AGRICULTURAL SCIENCES

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### Division Rules & Regulations:

- 4-H and FFA Members may exhibit in this division. Exhibitors may only enter 1 exhibit per class. **All exhibits must be pre-entered. YOU MUST USE THE INTERNET ENTRY SYSTEMS FOUND AT [www.marylandstatefair.com](http://www.marylandstatefair.com). Internet entries are due by July 31, 2019.** Exhibitors and exhibits must comply with "General State Fair Rules & Regulations", "General 4-H and FFA Rules & Regulations", "Maryland Guidelines for Exhibiting & Judging Agricultural Products", these "Division Rules & Regulations" and the "Section Rules & Regulations" for the applicable section.
- All exhibits must be clean and free of labels and tags, unless otherwise specified in the section rules or class description. All entry tags must be attached to entries before taking to the Department for entry. No substitutions for classes will be accepted.
- Judging:** All exhibits will be judged on their own merit and receive a rating of Excellent, Very Good or Good. The Judges will then at their own discretion give placings up to 10<sup>th</sup> Place in each class. Unless otherwise noted in section, exhibits will be judged in one of the 4-H Age Divisions: Junior (ages 8-10 as of 1/1/19); Intermediate (ages 11-13 as of 1/1/19); Senior (ages 14-18 as of 1/1/19). Entries not conforming to class description and/or division/section rules & regulations will be disqualified.
- Awards:** Ribbons will be awarded to the 1<sup>st</sup> – 10<sup>th</sup> Place exhibits in each class. Premiums: 1<sup>st</sup> (\$7), 2<sup>nd</sup>–10<sup>th</sup> (\$5). Rosettes will be awarded to the Junior, Intermediate and Senior Champions and Reserve Champions in each section, if there are sufficient entries as determined by the Superintendent.
- Entries for this division will be received Wednesday, August 21<sup>st</sup> from 2pm to 8pm in the 4-H/FFA Home Arts Building and released Tuesday, September 3<sup>rd</sup> from 9am to 7pm. An early-bird release period will be made available on Monday, September 2<sup>nd</sup> from 8pm to 10pm AFTER the Building is closed to the public.

## SECTION I – FRUIT & VEGETABLE VARIETIES

### Section Rules & Regulations:

- All exhibits must have been grown by the Exhibitor. **Classes with an (\*) require exhibit to be labeled with variety name.** Quantity of items is indicated in parentheses. Number of specimens should demonstrate consistency for the variety and make an adequate display.
- A Champion Vegetable Gift Basket award recipient will be selected from Gift Basket entries (classes S1016, S2016, S3016).

### CLASSES

Junior	Inter.	Senior	Class Description	Junior	Inter.	Senior	Class Description
S1001	S2001	S3001	Beets, topped (5)	S1038	S2038	S3038	Potatoes, any red variety (5)
S1002	S2002	S3002	Beans, green snap (10)	S1039	S2039	S3039	Potatoes, cobbler (5)
S1003	S2003	S3003	Beans, yellow snap (10)	S1040	S2040	S3040	Potatoes, Katahdin or Kennebec (5)
S1004	S2004	S3004	Beans, Lima any variety (10)*	S1041	S2041	S3041	Potatoes, Yukon Gold (5)
S1006	S2006	S3006	Broccoli (1 bunch)	S1042	S2042	S3042	Potatoes, Russett (5)
S1007	S2007	S3007	Brussel Sprouts (1 pint)	S1043	S2043	S3043	Potatoes, any other variety (5)*
S1008	S2008	S3008	Cabbage, green (1 head)	S1044	S2044	S3044	Squash, acorn (3)
S1009	S2009	S3009	Cabbage, red (1 head)	S1045	S2045	S3045	Squash, butternut (3)
S1010	S2010	S3010	Carrots, topped (5)	S1046	S2046	S3046	Squash, crookneck (3)
S1011	S2011	S3011	Cauliflower (1)	S1047	S2047	S3047	Squash, Patty pan type (3)
S1012	S2012	S3012	Cucumber, pickling (5)	S1048	S2048	S3048	Squash, yellow straight neck (3)
S1013	S2013	S3013	Cucumber, salad (3)	S1049	S2049	S3049	Squash, zucchini (3)
S1014	S2014	S3014	Eggplant, round/oval varieties (1)	S1050	S2050	S3050	Squash, hubbard (1)
S1015	S2015	S3015	Eggplant, slender cylindrical varieties-Oriental type (1)	S1051	S2051	S3051	Squash, spaghetti (1)
S1016	S2016	S3016	Gift Basket - vegetable (Contact your 4-H office for info on making gift baskets.)	S1052	S2052	S3052	Squash, any other winter variety (1)*
S1017	S2017	S3017	Green leafy vegetables-collard, etc., except kale (1 bunch, same variety, in water cont.)*	S1053	S2053	S3053	Squash, any other summer variety (3)*
S1018	S2018	S3018	Gourds (3 same variety)	S1054	S2054	S3054	Sunflower, non-oil type, not ornamental, mature seed head of 6" or more dia. (1 head)
S1019	S2019	S3026	Kale (1 bunch, in water cont.)	S1055	S2055	S3055	Sunflower, non-oil type, not ornamental, mature seed head of less than 6" dia. (1 head)
S1020	S2020	S3020	Melon, cantaloupe type (1)	S1056	S2056	S3056	Sunflower, oil type (black seeds), not ornamental, mature seed head (1 head)
S1021	S2021	S3021	Melon, honeydew (1)	S1057	S2057	S3057	Sweet Corn, any variety (5) (in husk)
S1022	S2022	S3022	Okra (10 pods)	S1059	S2059	S3059	Sweet Potato, any variety (5)
S1023	S2023	S3023	Onions, white (5)	S1060	S2060	S3060	Tomatoes, mature green (5)
S1024	S2024	S3024	Onions, yellow (5)	S1061	S2061	S3061	Tomatoes, red globe type, min. dia. 3-in. (5)*
S1025	S2025	S3025	Onions, red (5)	S1062	S2062	S3062	Tomatoes, red globe type, max. dia. 3-in. (5)*
S1026	S2026	S3026	Peppers, Banana type (5)	S1063	S2063	S3063	Tomatoes, yellow globe type (5)
S1027	S2027	S3027	Peppers, Bell type (5)	S1064	S2064	S3064	Tomatoes, cherry type, min. dia. 1-inch (10)
S1028	S2028	S3028	Peppers, Cayenne type, large varieties (5)	S1065	S2065	S3065	Tomatoes, cherry type, max. dia. 1-inch (10)
S1029	S2029	S3029	Peppers, Small Cayenne Types (5)	S1066	S2066	S3066	Tomatoes, pear/grape type (5)
S1030	S2030	S3030	Peppers, Chili types (5)	S1067	S2067	S3067	Tomatoes, plum type (5)
S1031	S2031	S3031	Peppers, Jalapeno type (5)	S1068	S2068	S3068	Tomatoes, Roma (5)
S1032	S2032	S3032	Peppers-other type (5) *	S1069	S2069	S3069	Tomatoes-any other type (5)*
S1033	S2033	S3033	Pumpkin, Connecticut Field type-ridged (1)	S1070	S2070	S3070	Watermelon, oblong shape (1)
S1034	S2034	S3034	Pumpkin, Cushaw (1)	S1071	S2071	S3071	Watermelon, round (not sugar baby) (1)
S1035	S2035	S3035	Pumpkin –Big Max type-stock type (1)	S1072	S2072	S3072	Watermelon, sugar baby (1)
S1036	S2036	S3036	Pumpkin, small sugar type (1)	S1073	S2073	S3073	Vegetable, any other not listed above. *
S1037	S2037	S3037	Pumpkin, miniature type (3)	S1074	S2074	S3074	Apples, any Red variety (4)
				S1075	S2075	S3075	Apples, any Green variety (4)

### SECTION I – FRUIT & VEGETABLE VARIETIES (Continued)

Junior	Inter.	Senior	Class Description	Junior	Inter.	Senior	Class Description
S1076	S2076	S3076	Apples, any Yellow variety (4)	S1078	S2078	S3078	Pears, any variety (4)
S1077	S2077	S3077	Apples, any Other variety (4)	S1079	S2079	S3079	Peaches, any variety (4)

### SECTION II – HERBS

#### Section Rules & Regulations:

- All exhibits must have been grown by the Exhibitor. **Classes with an (\*) require exhibit to be labeled with variety name.** Quantity of items is indicated in parentheses. – Herb bunches are 6 stalks placed in water in a container.
- For Herbs Entries: Leaves should be removed below the water line.

#### CLASSES

Junior	Inter.	Senior	Class Description
S1080	S2080	S3080	Herbs, Parsley, simple (1 bunch)
S1081	S2081	S3081	Herbs, Parsley, curly (1 bunch)
S1082	S2082	S3082	Herbs, Basil (1 bunch)
S1083	S2083	S3083	Herbs, Mint (1 bunch) (remove blooms)
S1084	S2084	S3084	Herbs, Thyme (1 bunch)
S1085	S2085	S3085	Herbs, Dill (1 bunch)
S1086	S2086	S3086	Herbs, Rosemary (1 bunch)
S1087	S2087	S3087	Herbs, Sage (1 bunch)
S1088	S2088	S3088	Herbs, other than above classes (1 bunch)*

### SECTION III – GRAIN

#### Section Rules & Regulations:

- Exhibits shall consist of one quart of grain in a clear glass jar with a lid. Jars must be free of printing, labels, and advertisements. **A 3" x 5" card must be attached to the exhibit with string or tape; the following information must be printed on the card:**
  - Variety (e.g. Potomac Wheat)
  - Was the seed "certified"?
  - How much nitrogen was applied? On what date?
  - What crop was grown on this land last year?
  - Intended use (e.g. used on farm, saved for seed, sold, other – indicate what).

#### CLASSES

Junior	Inter.	Senior	Class Description	Junior	Inter.	Senior	Class Description
S1090	S2090	S3090	Barley – 1 qt.	S1096	S2096	S3096	Corn (shelled) – 1 qt.
S1091	S2091	S3091	Oats – 1 qt.	S1097	S2097	S3097	Corn (ten ears)
S1092	S2092	S3092	Rye – 1 qt.	S1098	S2098	S3098	Corn (best single ear)
S1093	S2093	S3093	Wheat – 1 qt.	S1099	S2099	S3099	Sorghum – 1 qt.
S1094	S2094	S3094	Soybeans (black) – 1 qt.	S1100	S2100	S3100	Any other grain – 1 qt.
S1095	S2095	S3095	Soybeans (yellow) – 1 qt.	S1101	S2101	S3101	Six stalks of Ensilage Corn
				S1102	S2102	S3102	Six stalks of Field Corn

### SECTION IV - HAY

#### Section Rules & Regulations:

- Hay must be cured below 20% moisture. Alfalfa, clover or lespedeza hay with more than 10% grass will be classified as mixed. Exhibits shall consist of a bundle approximately 18" x 18" x 6" in size. Bundle must be securely tied 4 ways for hanging. **A 3" x 5" card must be attached to the exhibit with string or tape; the following information must be printed on the card:**
  - Variety and Species (e.g. WL323 Alfalfa, Benchmark Orchardgrass) – if mixed, indicate main composition.
  - Was the seed "certified"?
  - Date of seeding (month/year).
  - Which cutting? (e.g. 1<sup>st</sup>, 2<sup>nd</sup>, etc.)
  - What crop was grown on this land last year?
  - Intended use (e.g. used on farm, saved for see, sold, other – indicate what).

#### CLASSES

Junior	Inter.	Senior	Class Description	Junior	Inter.	Senior	Class Description
S1104	S2104	S3104	Alfalfa – 1 <sup>st</sup> cutting	S1109	S2109	S3109	Alfalfa/Grass – 1 <sup>st</sup> cutting
S1105	S2105	S3105	Alfalfa – later cuttings	S1110	S2110	S3110	Alfalfa/Grass – later cuttings
S1106	S2106	S3106	Lespedeza	S1111	S2111	S3111	Red Clover/Grass – 1 <sup>st</sup> cutting
S1107	S2107	S3107	Red Clover	S1112	S2112	S3112	Red Clover/Grass – later cuttings
S1108	S2108	S3108	Timothy – 1 <sup>st</sup> cutting	S1113	S2113	S3113	Other Grass – 1 <sup>st</sup> cutting
				S1114	S2114	S3114	Other Grass—later cuttings
				S1115	S2115	S3115	Orchard Grass – 1 <sup>st</sup> cutting
				S1116	S2116	S3116	Orchard Grass – later cutting

## SECTION V - STRAW

### Section Rules & Regulations:

1. Straw must be cured. Exhibits shall consist of a bundle approximately 18" x18" 6" in size. Bundle must be securely tied 4 ways for hanging. **Attach a 3"x5" card to the exhibit with string or tape. The following information must be printed on the card:**
  - a. Variety and Species
  - b. Was seed "certified"
  - c. Date of seeding (month/year)
  - d. What crop was grown on this land last year?
  - e. Intended us (e.g. used on farm, saved for seed, sold, other-indicate)

### **CLASSES**

Junior	Inter.	Senior	Class Description
S1118	S2118	S3118	Wheat
S1119	S2119	S3119	Barley
S1120	S2120	S3120	Oats
S1121	S2121	S3121	Rye
S1122	S2122	S3122	All Other (specify)

## SECTION VI - WOOL

### Section Rules & Regulations:

1. Exhibitors may enter a wool fleece from an animal owned by the exhibitor at time of shearing. The fleece must have been shorn in 2018. Fleeces entered by breed should be shorn from an animal clearly represented by that breed. A commercial fleece may be from any sheep. A yearling fleece may have 16 months growth.
2. Fleece should be rolled properly- flesh side out and tied with paper twine, in such a way as to allow adequate handling, yet not affect the character or attractiveness. **Each entry must be tagged with: Exhibitor's Name, address, breed, sex, number of month's growth.**

### **CLASSES**

Junior	Inter.	Senior	Class Description
S1127	S2127	S3127	Purebred – Fine Wool (62-80) Rambouillet, Merino
S1128	S2128	S3128	Purebred - Med. wool (Group 1 – Cheviot, Corriedale, Dorset, Montadale)
S1129	S2129	S3129	Purebred – Med. wool (Group 2 – Hampshire, Shropshire, Southdown, Suffolk)
S1130	S2130	S3130	Purebred – Long Wool (36-48) Lincoln, Romney, Border, Liecester, Cotswold
S1131	S2131	S3131	Commercial (white) - may include wool from long wool purebreds
S1132	S2132	S3132	Colored - Med. wool (48-60) – may include fine wool fleeces
S1133	S2133	S3133	Colored - Long wool (36-48) – may include coarse wool fleeces

## SECTION VII - HONEY

### Section Rules & Regulations

1. All honey and wax must be the property of the exhibitor and must have been produced by exhibitor within a 15-month period prior to entry.
2. All honey exhibited must have been gathered and ripened in a natural way by honeybees.
3. Exhibitor's name or label will not be allowed on any entry.
4. Judges may remove from public view any entry or part thereof which, in their opinion, discredits the exhibit.

### **CLASSES**

Junior	Inter.	Senior	Class Description
S1150	S2150	S3150	Extra white to water white honey, 3 lbs. in 1 lb. jars
S1151	S2151	S3151	White honey, 3lbs. In 1lb. jars
S1152	S2152	S3152	Extra light amber honey, 3lbs. in 1lb. jars
S1153	S2153	S3153	Light amber honey, 3lbs. in 1lb. jars
S1154	S2154	S3154	Amber honey, 3lbs. in 1lb. jars
S1155	S2155	S3155	Dark honey, 3lbs. in 1lb. jars
S1156	S2156	S3156	Chunk honey, 3lbs. in 1lb. Jars
S1157	S2157	S3157	1 shallow frame or full depth frame honey in comb, should be packed to avoid damage while on display.