Grapevine Pruning

Revised 6/2017

Purpose and Standards

The Grapevine Pruning event seeks to effectively prepare the students to learn current agriculture viticulture practices and procedures used in today’s industry. Workers seeking careers in agriculture must not only develop a high degree of knowledge and skill, they must also develop the ability to solve difficult problems. This event blends the testing of manipulative skills and knowledge required for careers in agriculture production.

Foundation standards: Mathematics Algebra, 15.0 and Geometry 8.0 & 11.0. History & Social Science Principles of Economics: 12.2.2, 12.2.5, 12.2.6, 12.2.7. Communication: 1.1, 2.2, & 1.8. Plant and Soil Pathway: G11.1, 5.0 5.3 and 11.1. Ag and Natural Resources Pathway: Health & Safety 6.0, 6.1, 6.2, 6.4, & 6.5.

Contestants

The team shall consist of three or four members. The scores of the three highest team members shall be used for the team score. All team members are eligible for individual awards.

Classes

|  |  |  |
| --- | --- | --- |
| **Class** | **Individual Points** | **Team Points** |
| Written Exam | 100 | 300 |
| Pruning Class #1 | 100 | 300 |
| Pruning Class #2 | 100 | 300 |
| Pruning Class #3 | 100 | 300 |
| Total | 400 | 1200 |

Tie Breaker

1. The team or individual scoring the highest written examination score(s) will be the winner.
2. If a tie still exists, the total score of the individual or team will be used to determine the high individual or team.

Sub-contest Awards

Sub-contest awards will be given for high teams and individuals in the following areas: Written Exam, Pruning Class #1, Pruning Class #2, and Pruning Class #3.

Host School Requirements

The State Finals hosting site will announce the three classes (see below) and if possible, announce the varieties to be pruned for that year's event at least 30 days prior to the contest date.

Rules

1. Written examination. Prepared from Winkler's Viticulture Text, chapter on pruning, with emphasis on modern, practical California Viticultural practices. Time limit: 45 minutes.
2. Each contestant shall prune three mature grapevines in each of the three different classes to be selected from the following list.
   1. Cordon - wine
   2. Cordon - table
   3. Cane - raisin/wine/table
3. The first two spur pruned vines will be pruned against time (8 minutes limit). The first two cane pruned vines will be pruned against time (10 minute limit). The third vine of each system shall be pruned in the presence of the judge. The contestant will be subjected to oral questions and may provide oral explanations while pruning. Time with the judge is not to exceed four (4) minutes. Judges will score the vines as a class of three giving a score based on overall pruning for all three vines.
4. Each team member must wear protective eye glasses, Z87 standard wear to be provided by the state contest host site.
5. A total of 400 points is allowed for the contest (100 points for examination and 100 points for pruning each of the systems listed above).

SEE FOLLOWING PAGES FOR SCORE CARDS.

**Variety: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ System: Spur**

**Contestant Number\_\_\_\_\_\_\_\_\_\_\_\_\_ Vine Pruning Scorecard**

|  |  |
| --- | --- |
| **Grapevines are to be judged as a class and based on ability to prune, thoroughness, and proper techniques.** |  |
|  |  |
| 1. Position and distribution of renewal and replacement spurs 2. Number of fruit spurs 3. Proper selection of fruit spurs 4. Length of spurs 5. Clean and proper cuts 6. Thoroughness of pruning 7. Explanation of cuts/pruning using proper terminology and reasoning 8. **Deduct 20 points if contestant did not complete pruning of two vines in 8 minutes.** | \_\_\_\_\_/20  \_\_\_\_\_/20  \_\_\_\_\_/20  \_\_\_\_\_/10  \_\_\_\_\_/10  \_\_\_\_\_/5  \_\_\_\_\_/15  **-20** |
| 1. **Total Points Awarded** | **\_\_\_\_\_/100** |

Judge’s Remarks: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Judge’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Variety: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ System: Cane**

**Contestant Number\_\_\_\_\_\_\_\_\_\_\_\_\_ Vine Pruning Scorecard**

|  |  |
| --- | --- |
| **Grapevines are to be judged as a class and based on ability to prune, thoroughness, and proper techniques.** |  |
|  |  |
| 1. Position and distribution of fruit canes 2. Number of fruit canes 3. Proper selection of fruit canes 4. Proper selection of renewal and replacement spurs 5. Length of canes 6. Clean and proper cuts 7. Thoroughness of pruning 8. Explanation of cuts/pruning using proper terminology and reasoning 9. **Deduct 20 points if contestant did not complete pruning of two vines in 10 minutes.** | \_\_\_\_\_/20  \_\_\_\_\_/20  \_\_\_\_\_/15  \_\_\_\_\_/5  \_\_\_\_\_/15  \_\_\_\_\_/5  \_\_\_\_\_/5  \_\_\_\_\_/15  **-20** |
| 1. **Total Points Awarded** | **\_\_\_\_\_/100** |

Judge’s Remarks: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Judge’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_