



Nursery Landscape CDE

Purpose

The Nursery Landscape Career Development Event stimulates career interest, encourages proficiency development, and recognizes excellence in nursery practices and landscaping through the agricultural education curriculum. The event includes all aspects of the industry in producing, marketing, utilizing, and maintaining landscape plants in addition to related products, equipment, and services.

The objectives of this event include:

- Identification of landscape plant material and plant disorders;
- Utilization of cultural practices such as growing techniques;
- Design and construction of landscapes; and
- Demonstration of effective written and oral communication skills.

Superintendent

The superintendent for this event is Mrs. Sherilee Deal, Agriculture Education Curriculum Coordinator, 444 Bristol Dr, Statesville, NC 28677. Phone: 704.796.5736, Email: sdeal2@ncsu.edu

Eligibility and General Guidelines

This event is open to all FFA chapters and FFA members in good standing. FFA members may not participate in a Career Development Event that leads to a state level event after July 1, following their high school/early college graduation. Members winning a previous state event in this area or that have participated in a previous national event in this area are ineligible. This event will be held during the North Carolina State FFA Convention.

Teams shall consist of three or four members. Four scores will count towards the team total (a three-member team will earn a zero for the 4th score). No alternates are allowed in state events. Any alternate found participating in a state event will result in total team disqualification.

The top three individuals in the regional event are eligible to participate in the state event as individuals regardless of their team placing.

At the North Carolina FFA State Convention, participation in more than one FFA CDE event is permitted as long as events are not being held concurrently and no special provisions are required to facilitate participation with the exception that parliamentary procedure and public speaking and parliamentary procedure and Creed speaking which are held concurrently will allow dual participation and special provisions for flighting.

The use or possession of cellular phones or any other mobile electronic communication device is prohibited during any state-level career development event. Any violation of this rule by any team member will result in total team disqualification.



FFA members participating in career development events that require the use of calculators may only use non-programmable/graphing calculators that do not have the ability to communicate with other calculators. Calculators will be screened prior to the start of a CDE for acceptability. Students caught using data stored on a calculator or communicating with other calculators will result in a total team disqualification for the event.

Any member found cheating in any state-level career development event will result in total team disqualification for that event.

The North Carolina FFA Association, in keeping with the FFA mission and purposes, does not permit the use of tobacco products, e-cigarettes, vapes, or Juuls at any FFA facility or at any FFA activity.

In compliance with the Americans with Disabilities Act, North Carolina FFA will honor requests for reasonable accommodations made by individuals with disabilities. Please direct accommodation requests through the CDE/LDE Accommodation Request [Form](#). If the accommodation can be made for all and/or doesn't provide an unfair advantage, then every effort will be made to provide the accommodation. Requests can be accommodated more effectively if notice is provided at least 10 days before the event.

Middle School Participation

Middle school students and teams may participate in Career Development Events or Leadership Development Events. The top middle grades team will be recognized at the state FFA convention. Middle school participants should designate during registration.

State Career Development Event Participation

The appropriate numbers of teams based on event participation from each region are eligible to compete in the state career development event. The top three individuals in the regional event are eligible to participate in the state event as individuals regardless of their team placing. Teams and individuals advancing to state event participation must be certified by the regional FFA advisor.

Dress Code

Participants are required to follow the North Carolina FFA Career Development Event Dress Code. Participants are allowed to wear long pants, an appropriate shirt with a collar, or an appropriate high school or FFA t-shirt.

The North Carolina FFA Association strives to promote a positive image at all official FFA events. The dress code policy was established to address the issue of appropriate attire at all official FFA events. Members should adhere to this policy for all events. A ten percent reduction will be applied to all individual scores from a chapter if a participant from that chapter violates the dress code during that career event.



Procedures for Administering the Event

Under no circumstances will any participant be allowed to touch or handle plant materials during the identification portion of the event. Any infraction of this rule will be sufficient cause to give that individual a zero on that phase of the event.

Any communication between participants during the event that would constitute giving help to another individual will result in both individuals getting a zero on that phase of the event. If an individual is suspected of copying someone else's paper, the participant will be given a personal quiet warning and if cheating continues, the one copying would be given a zero on that phase of the event.

To facilitate the holding of the scorecards, participants are allowed and encouraged to bring and use clipboards. These should be submitted to an event official to determine that they are free of written materials that might help a participant in the event. Identification papers and tests will be on different colored paper for each of the two horticulture events.

Regional Event Set-Up

The host school will have the responsibility in setting up the career development event, choosing career development event officials, judges, and materials. Regions may purchase Horticulture CDE #105482 scan sheets for participants to use if they wish. Scan sheets will not be provided from the state for regional use. Students will also be given a copy of the plant list to reference the correct number for bubbling purposes. Students will not need to memorize the Plant ID #.

Part 1: Identification - 250 points

Twenty-five plants will be chosen from the current list of ID plants from the BASE LIST and the NURSERY LANDSCAPE LIST. Each contestant will be assigned a plant to begin the identification portion of the contest. Each contestant will remain at each plant for one (1) minute then progress on to the next plant. No contestant will be permitted to return to a plant for a second time. Each plant will be worth 10 points and no plant will be used twice. Event officials will grade papers. Grading will be done by awarding 10 points for each plant correctly identified. If it is observed that a participant uses the same number on their paper twice, neither number will be counted correct. Only the answer written in the item blank for that plant on the scorecard will be counted. Twenty-five (25) minutes will be given for this portion.

Part 2: Knowledge Test - 250 points

A written knowledge test will consist of 25 multiple choice questions. The same test will be used in both the Floriculture and Nursery Landscape Events. The answer to these questions must be available in at least one of the references on the event reference list. The contestants will be given twenty-five (25) minutes to complete the test and each question will be valued at 10 points. Copies of written tests will not be made available to teachers until the summer following the events.

Part 3: Practicum - 100 points

Each participant will identify 10 items from Tools & Materials and Disorders. Each item is worth 10 points.



Regional Event Scoring

| | |
|----------------|-----|
| Maximum Score | 600 |
| Identification | 250 |
| Knowledge Test | 250 |
| Practicum | 100 |

State Event Set-Up

The event coordinator shall be responsible for setting up the event, choosing event officials, judges, and materials. At the state level, students will use the Horticulture CDE #105482 scan sheet to bubble in their answers. Students will also be given a copy of the plant list to reference the correct number for bubbling purposes. Students will not need to memorize the Plant ID #.

Phase 1-

Individual scores will only be calculated using the points obtained during Phase 1.

Part 1: Identification - 250 points

Twenty-five plants will be chosen from the current list of ID plants from the BASE LIST and the NURSERY LANDSCAPE LIST. Each participant will be assigned a plant to begin identification. Each participant will remain at each plant for one (1) minute then progress on to the next plant. No participant will be permitted to return to a plant a second time. Handling the plant will result in the student receiving a zero on plant ID. Grading will be done by awarding 10 points for each plant correctly identified. Students will be given a blank sheet of paper to make notes as needed. Only properly bubbled answers on the scantron will be counted.

Part 2: Knowledge Test - 250 points

The test will consist of 25 multiple choice questions, the answers to which must be found in at least one of the references on the event reference list. The participants will be given twenty-five (25) minutes to complete the test and each question will be valued at 10 points. Copies of written tests will not be made available to teachers until the summer following the events

Part 3: Practicum – 200 points

Each participant will identify 10 items from either Tools & Materials or Disorders. Additionally, students will answer 10 multiple choice questions related to either a Disorder or Equipment & Supplies. These questions will not necessarily be the same 10 identification items. Pesticide manuals, equipment manuals, or background scenarios will be given if needed to answer the question. 10 points each will be given for the identification and 10 points for the answer to the question. Students will have twenty-five (25) minutes to complete the practicum.



Example 1:

The student is presented with some type of pest (insect, weed, and disease). Sitting in front of the participant will be four pesticides or the pesticides labels. Which of the pesticides could be used to control or eliminate the pest?

- A. Use Roundup
- B. Use A Rest
- C. Use Methyl Bromide
- D. Use Talstar

Part 4: Problem Solving - 100 Points

This test will consist of 10 questions to answer or solve with multiple choice answers given. Each question is worth 10 points. At least three and not more than five of these questions should involve reading to a scale; calculations such as square feet, cubic feet, cubic yards, square yards; a number of plants required; or costs of items including tax and discount rates. If a ruler is required, it is to be provided by event officials. No participants will be given extra time. Students will have twenty-five (25) minutes to complete problem solving.

Phase 2-

At the conclusion of Phase 1, scores will be calculated and the top 10 scoring teams will move on to Phase 2. The score earned in Phase 2 will be added to the team score from Phase 1 to determine the final team placings for the contest.

Part 5: Team Activity -700 points

This phase is designed to evaluate the team's ability to apply nursery landscape knowledge and skills by completing a variety of hands-on and problem-solving activities. Teams will be given a task that must be accomplished by the team members. The chosen activity will vary from year to year but is not set on a strict rotation schedule. Both objective questions and qualitative evaluations may be included in the task scoring. Additionally, judges will be evaluating participants' technical skills as well as their ability to communicate within their team and work together to accomplish a common goal. The time allotted will vary based on the specific scenario given by the judges. Possible activities are listed below.

State Event Scoring

Phase 1-

| <i>Component</i> | <i>Individual Maximum Score</i> | <i>Team Maximum Score</i> |
|------------------------|---------------------------------|---------------------------|
| Plant Identification | 250 | 1000 |
| General Knowledge Test | 250 | 1000 |
| Practicum | 200 | 800 |
| Problem Solving | 100 | 400 |
| Total | 800 | 3200 |



Phase 2-

| <i>Component</i> | <i>Team Maximum Score</i> |
|-------------------------|---------------------------|
| Team Score from Phase 1 | 3200 |
| Team Activity | 700 |
| Total | 3900 |

Procedure for Determining the State Event Winner When Scores are Tied

In the event a tie score exists, apply the following methods in sequential order until the tie is broken:

1. Compare the total team scores for the problem-solving component and the higher scoring team is the winner.
2. If scores continue to be tied, compare the total team scores for the Plant Identification component and the higher scoring team is the winner.
3. If scores continue to be tied, compare the total team score for the knowledge test and the higher scoring team is the winner.
4. If scores continue to be tied, compare the total team score for the team activity and the higher scoring team is the winner.
5. If these methods fail to break the tie, co-winners will be declared and a run-off event will be held to determine which team will represent North Carolina at the National FFA Convention. The run-off event will follow the same rules as the state event.

Special Note: In the event a tie exists between first, second or third place teams on the regional level, the tied teams will be allowed to participate in the state event.

State Awards

The awards for the state event will be presented annually at the State FFA Convention to include a team 1st, 2nd, and 3rd place plaque and a travel monetary award. The highest-placing middle school team will be recognized only if they are not already among the overall top three teams. If a middle school team places in the top three overall, they will not receive additional middle school-specific recognition.

National Career Development Event Participation

State winning teams advancing to the national career development event will be automatically registered for the national event. It is the responsibility of the FFA Chapter Advisor to complete all necessary national certification and waiver forms and return them to the state FFA Coordinator by the assigned due date.

State winning CDE teams that choose not to participate at the national level should contact the state office by Sept. 1 prior to national convention. Teams that fail to inform the state office prior to Sept 1 will be ineligible to participate in that same CDE for the next year (chapters may appeal to the State FFA Board of Directors). Teams that do not compete at the National Convention will be required to pay back the cash travel award.



References

*Carolina Lawns, Circular Ag-69, North Carolina Extension Service.

*Horticulture Today, by Riedel and Driscoll, Goodheart Wilcox Publishers, 2017.

*Introductory Horticulture, Third Edition, by Riley and Shry, Delmar Publishers, 1987.

*Landscaping: Principles and Practices, Third Edition, by Ingels, Delmar Publishers, 1987.



| Plant Identification - Base List | | | | | |
|----------------------------------|--|-------------------------|---------|--|-----------------------------|
| Plant # | Botanical Name | Common Name | Plant # | Botanical Name | Common Name |
| 101 | <i>Abelia x grandiflora</i> | Glossy Abelia | 141 | <i>Iris x germanica var florentina</i> | Bearded Iris |
| 102 | <i>Acer palmatum</i> | Japanese Maple | 142 | <i>Juniperus conferta</i> | Shore Juniper |
| 103 | <i>Acer rubrum</i> | Red Maple | 143 | <i>Juniperus horizontalis</i> | Creeping Juniper |
| 104 | <i>Ageratum houstonianum</i> | Ageratum | 144 | <i>Lagerstroemia indica</i> | Crepe Myrtle |
| 105 | <i>Ajuga reptans</i> | Carpet Bugle | 145 | <i>Leucanthemum x superbum</i> | Shasta Daisy |
| 106 | <i>Antirrhinum majus</i> | Snapdragon | 146 | <i>Ligustrum japonicum</i> | Japanese Privet |
| 107 | <i>Araucaria heterophylla</i> | Norfolk Island Pine | 147 | <i>Liquidambar styraciflua</i> | Sweetgum |
| 108 | <i>Asparagus densiflorus 'Sprengeri'</i> | Sprengeri Fern | 148 | <i>Liriope muscari</i> | Lilyturf |
| 109 | <i>Astilbe hybrida</i> | Astilbe Hybrids | 149 | <i>Magnolia grandiflora</i> | Southern Magnolia |
| 110 | <i>Aucuba japonica</i> | Japanese Aucuba | 150 | <i>Malus species</i> | Flowering Crabapple |
| 111 | <i>Begonia x semperflorens-cultorum</i> | Wax Begonia | 151 | <i>Maranta leuconeura</i> | Prayer Plant |
| 112 | <i>Berberis thunbergii</i> | Japanese Barberry | 152 | <i>Myrica cerifera</i> | Wax Myrtle |
| 113 | <i>Betula nigra</i> | River Birch | 153 | <i>Nandina domestica</i> | Dwarf Nandina |
| 114 | <i>Buddleia davidii</i> | Butterfly Bush | 154 | <i>Narcissus pseudonarcissus</i> | Daffodil |
| 115 | <i>Buxus sempervirens</i> | Common Boxwood | 155 | <i>Nephrolepis exaltata</i> | Boston Fern |
| 116 | <i>Camellia japonica</i> | Common Camellia | 156 | <i>Ophiopogon japonicus</i> | Mondo Grass |
| 117 | <i>Canna x generalis</i> | Canna | 157 | <i>Paeonia hybrid</i> | Peony |
| 118 | <i>Catharanthus roseus</i> | Vinca or Periwinkle | 158 | <i>Pelargonium peltatum</i> | Ivy Leaf Geranium |
| 119 | <i>Cercis canadensis</i> | Eastern Red Bud | 159 | <i>Pelargonium x hortorum</i> | Geranium |
| 120 | <i>Chlorophytum comosum</i> | Spider Plant | 160 | <i>Pennisetum species</i> | Purple Fountain Grass |
| 121 | <i>Chrysanthemum morifolium</i> | Florist Chrysanthemum | 161 | <i>Petunia hybrida</i> | Petunia |
| 122 | <i>Clematis x jackmanii</i> | Clematis | 162 | <i>Philodendron scandens oxycardium</i> | Parlor Ivy |
| 123 | <i>Cornus florida</i> | Flowering Dogwood | 163 | <i>Prunus serrulata 'Kwanzan'</i> | Japanese Flowering Cherry |
| 124 | <i>x Cupressocyparis leylandii</i> | Leyland Cypress | 164 | <i>Pyrus calleryana 'Bradford'</i> | Bradford Pear |
| 125 | <i>Dieffenbachia maculata</i> | Spotted Dumbcane | 165 | <i>Quercus palustris</i> | Pin Oak |
| 126 | <i>Dracaena species</i> | Dracaena | 166 | <i>Quercus phellos</i> | Willow Oak |
| 127 | <i>Echinacea purpurea</i> | Cone Flower | 167 | <i>Rhododendron catawbiense</i> | Catawba Hybrid Rhododendron |
| 128 | <i>Epipremnum aureum</i> | Golden Pothos | 168 | <i>Rhododendron kiusianum</i> | Azalea |
| 129 | <i>Euonymus alata</i> | Winged Euonymus | 169 | <i>Rosa species</i> | Shrub Rose/Landscape Rose |
| 130 | <i>Ficus benjamina</i> | Benjamin or Weeping Fig | 170 | <i>Salvia splendens</i> | Salvia |
| 131 | <i>Ficus elastica 'Decora'</i> | Decora Rubber Plant | 171 | <i>Schefflera arboricola</i> or <i>S. actinophylla</i> | Schefflera |
| 132 | <i>Forsythia x intermedia</i> | Border Forsythia | 172 | <i>Sedum species</i> | Sedum |
| 133 | <i>Gardenia jasminoides</i> | Gardenia | 173 | <i>Solenostemon scutellarioides</i> | Coleus |
| 134 | <i>Hedera helix</i> | English Ivy | 174 | <i>Spathiphyllum cvs.</i> | Peace Lily |
| 135 | <i>Hemerocallis</i> | Day Lilly | 175 | <i>Tagetes species</i> | Marigold |
| 136 | <i>Hosta species</i> | Hosta | 176 | <i>Tradescantia zebrina</i> | Wandering Jew |
| 137 | <i>Hydrangea macrophylla</i> | French Hydrangea | 177 | <i>Tulipa species</i> | Tulip |
| 138 | <i>Ilex cornuta</i> | Chinese Holly | 178 | <i>Verbena hybrida</i> | Garden Verbena |
| 139 | <i>Ilex crenata</i> | Japanese Holly | 179 | <i>Viola x wittrockiana</i> | Pansy |
| 140 | <i>Impatiens hybrid</i> | Impatiens | 180 | <i>Zinnia elegans</i> | Zinnia |



Plant Identification

| Floriculture List | | | Nursery/Landscape List | | |
|-------------------|---|-----------------------------|------------------------|--|--------------------------------------|
| Plant # | Botanical Name | Common Name | Plant # | Botanical Name | Common Name |
| 201 | <i>Aglaonema commutatum</i> | Aglaonema | 301 | <i>Aquilegia x hybrida</i> | Columbine |
| 202 | <i>Alstroemeria hybrida</i> | Peruvian Lily | 302 | <i>Buxus microphylla</i> | Littleleaf Boxwood |
| 203 | <i>Angelonia hybrida</i> | Angelonia | 303 | <i>Camellia sasanqua</i> | Sasanqua Camellia |
| 204 | <i>Asparagus setaceus</i> | Plume Asparagus Fern | 304 | <i>Chamaecyparis pisifera</i> 'Gold Mop' | Gold Mop Chamaecyparis |
| 205 | <i>Caladium x hortuanum</i> | Fancy Leaved Caladium | 305 | <i>Cornus kousa</i> | Chinese Dogwood |
| 206 | <i>Calibrachoa hybrida</i> | Million Bells | 306 | <i>Cotoneaster dammeri</i> | Bearberry |
| 207 | <i>Celosia argentea</i> | Cockscomb | 307 | <i>Ginkgo biloba</i> | Ginkgo |
| 208 | <i>Chamaedorea elegans</i> | Parlor Palm | 308 | <i>Gleditsia triacanthos</i> var. <i>inermis</i> | Thornless Honeylocust |
| 209 | <i>Codiaeum variegatum</i> var. <i>pictum</i> | Croton | 309 | <i>Helleborus orientalis</i> | Lenten Rose |
| 210 | <i>Crassula argentea</i> | Jade Plant | 310 | <i>Heuchera</i> species | Coral Bells |
| 211 | <i>Cyclamen x persicum</i> | Cyclamen | 311 | <i>Hibiscus</i> species | Hibiscus |
| 212 | <i>Dendrobium</i> cv. | Dendrobium Orchid | 312 | <i>Hydrangea quercifolia</i> | Oakleaf Hydrangea |
| 213 | <i>Dianthus</i> species | Carnation | 313 | <i>Iberis sempervirens</i> | Candytuft |
| 214 | <i>Eucalyptus</i> species | Eucalyptus | 314 | <i>Juniperus chinensis</i> | Chinese Juniper |
| 215 | <i>Euphorbia pulcherrima</i> | Poinsettia | 315 | <i>Lantana camara</i> | Lantana |
| 216 | <i>Fuchsia hybrida</i> | Fuchsia | 316 | <i>Lavendula angustifolia</i> | Lavender |
| 217 | <i>Gerbera jamesonii</i> | Gerber Daisy | 317 | <i>Loropetalum chinensis</i> | Chinese Fringe Flower |
| 218 | <i>Gladiolus x hortulanus</i> | Gladiolus | 318 | <i>Magnolia x soulangiana</i> | Saucer or Tulip Magnolia |
| 219 | <i>Gypsophila elegans</i> | Baby's Breath | 319 | <i>Mahonia bealei</i> | Oregon Grape Holly |
| 220 | <i>Hippeastrum hybrid</i> | Amaryllis | 320 | <i>Pachysandra terminalis</i> | Japanese pachysandra |
| 221 | <i>Hoya carnosa</i> | Wax Plant | 321 | <i>Phlox</i> species | Phlox |
| 222 | <i>Ipomoea batatas</i> | Ornamental Sweet potato | 322 | <i>Pieris japonica</i> | Lily-of-the-Valley Bush or Andromeda |
| 223 | <i>Iris xiphium</i> | Dutch Iris | 323 | <i>Pinus strobus</i> | Eastern White Pine |
| 224 | <i>Kalanchoe</i> species | Kalanchoe | 324 | <i>Prunus laurocerasus</i> | Cherry Laurel |
| 225 | <i>Limonium sinuatum</i> | Statice | 325 | <i>Pyracantha coccinea</i> | Firethorn |
| 226 | <i>Phalaenopsis</i> cv. | Phalaenopsis or Moth Orchid | 326 | <i>Quercus alba</i> | White Oak |
| 227 | <i>Plectranthus</i> species | Swedish Ivy | 327 | <i>Rhaphiolepis umbellata</i> | Indian Hawthorn |
| 228 | <i>Portulaca oleracea</i> | Portulaca | 328 | <i>Rosmarinus officinalis</i> | Rosemary |
| 229 | <i>Rumohra adiantiformis</i> | Leatherleaf Fern | 329 | <i>Rudbeckia fulgida</i> | Black Eyed Susan |
| 230 | <i>Saintpaulia ionantha</i> | African Violet | 330 | <i>Spiraea x bumalda</i> | Bumalda Spirea |
| 231 | <i>Sanseveria trifasciata</i> | Snake Plant | 331 | <i>Taxodium distichum</i> | Bald Cypress |
| 232 | <i>Schlumbergera bridgesii</i> | Christmas Cactus | 332 | <i>Taxus cuspidata</i> | Japanese Yew |
| 233 | <i>Schlumbergera truncata</i> | Thanksgiving Cactus | 333 | <i>Thuja occidentalis</i> | American Arborvitae |
| 234 | <i>Sempervivum hybrid</i> | Echeveria or Hen & Chickens | 334 | <i>Tsuga canadensis</i> | Canadian Hemlock |
| 235 | <i>Syngonium podophyllum</i> | Nephtytis or Arrowhead Vine | 335 | <i>Yucca filamentosa</i> | Adam's Needle |



Tools & Materials and Disorders Identification

| Tools & Materials | | | Disorders | |
|-------------------|----------------------------|--|-----------|---------------------|
| Item # | Item Name | | Item # | Disorder Name |
| 401. | Bark Mulch | | 501. | Annual Bluegrass |
| 402. | Compressed Air Sprayer | | 502. | Aphid |
| 403. | Drip Tape | | 503. | Bagworm |
| 404. | Fertilizer, Granular | | 504. | Black Spot |
| 405. | Ground Limestone | | 505. | Borer |
| 406. | Hand Pruning Saw | | 506. | Chickweed |
| 407. | Hedge Shears | | 507. | Clover |
| 408. | Irrigation Timer | | 508. | Crabgrass |
| 409. | Landscape Fabric | | 509. | Dandelion |
| 410. | Loppers | | 510. | Grub |
| 411. | Oscillating sprinkler | | 511. | Henbit |
| 412. | Perlite | | 512. | Iron Deficiency |
| 413. | Pop-up Irrigation Head | | 513. | Leaf Miner |
| 414. | Pruner, Bypass | | 514. | Mealy Bug |
| 415. | Safety Goggles/Glasses | | 515. | Nitrogen Deficiency |
| 416. | Sand | | 516. | Nutgrass |
| 417. | Scale, Architects | | 517. | Oxalis |
| 418. | Scale, Engineers | | 518. | Plantain |
| 419. | Shade Fabric (Shade Cloth) | | 519. | Pot-Bound Roots |
| 420. | Siphon Proportioner | | 520. | Purslane |
| 421. | Soaker Hose | | 521. | Powdery Mildew |
| 422. | Solenoid Valve | | 522. | Scale |
| 423. | Spade | | 523. | Slug |
| 424. | Sphagnum Moss | | 524. | Spider Mite |
| 425. | Spray Suit | | 525. | Whitefly |
| 426. | Sprinkler, Impulse | | 526. | Wild Garlic/Onion |
| 427. | Tape Measurer | | | |
| 428. | Trowel | | | |
| 429. | Vermiculite | | | |
| 430. | Water Breaker | | | |



Name: _____ Chapter: _____ Contestant No: _____

| Potting Nursery Stock Practicum Scorecard | Possible Points | Points Earned |
|---|-----------------|---------------|
| Potting Process | | |
| Preparation of Plants <ul style="list-style-type: none"> Plants selected for quality and uniformity Inspects/prunes/grooms damaged parts Prunes excess root length Handles plants properly | 80 | |
| Placement of Plants in Containers <ul style="list-style-type: none"> Plant centered and vertical Roots carefully and properly spread Plant at proper depth Plant roots covered | 80 | |
| Media Filling and Settling <ul style="list-style-type: none"> Sufficient media added Media settled by bumping or hand firming Plant remains stable | 80 | |
| Labeling of Completed Units <ul style="list-style-type: none"> Plant (variety) name and date Legible | 80 | |
| Safety Practices Applied <ul style="list-style-type: none"> Proper cutting technique Tool closed when finished Minimal clutter/good organization in work area | 80 | |
| Potting Productivity and Response to Questions | | |
| Number of Units Completed | 50 | |
| Quality of Units Completed <ul style="list-style-type: none"> Overall quality and uniformity of lot | 50 | |
| Response to Questions | 50 | |
| Teamwork | | |
| Understanding of Project Goal <ul style="list-style-type: none"> All members clearly show understanding of the project goal | 50 | |
| Member Responsibilities Outlined and Defined <ul style="list-style-type: none"> All members have activity responsibilities outlined and defined | 50 | |
| Participation in the Team Project Goal <ul style="list-style-type: none"> All team members clearly completed task | 50 | |
| Total Points | | |



Name: _____ Chapter: _____ Contestant No: _____

| Propagating Nursery Stock Practicum Scorecard | Possible Points | Points Earned |
|--|-----------------|---------------|
| Propagation Process | | |
| Removal of Cuttings <ul style="list-style-type: none"> Selects best quality uniform stock Cuts at appropriate lengths Makes clean cuts | 80 | |
| Preparation of Cuttings <ul style="list-style-type: none"> Leaves stripped/trimmed/groomed as needed Proximity of cuts to nodes Angled or wounded basal cut Cutting/buds not damaged Sufficient applied and excess removed Hormone kept clean | 80 | |
| Placement of Cuttings in Media <ul style="list-style-type: none"> Proper medium depth, as applicable Media furrow cut and closed Proper sticking depth Efficient row and cutting spacing | 80 | |
| Labeling of Completed Units <ul style="list-style-type: none"> Plant (variety) name, date, treatment Legible | 80 | |
| Safety Practices Applied <ul style="list-style-type: none"> Proper cutting technique Tool closed when finished Minimal clutter in work area | 80 | |
| Potting Productivity and Response to Questions | | |
| Number of Units Completed | 50 | |
| Quality of Units Completed <ul style="list-style-type: none"> Overall quality and uniformity of lot Cutting stable in media | 50 | |
| Response to Questions | 50 | |
| Teamwork | | |
| Understanding of Project Goal <ul style="list-style-type: none"> All members clearly show understanding of the project goal | 50 | |
| Member Responsibilities Outlined and Defined <ul style="list-style-type: none"> All members have activity responsibilities outlined and defined | 50 | |
| Participation in the Team Project Goal <ul style="list-style-type: none"> All team members clearly completed task | 50 | |



| | | |
|---------------------|--|--|
| Total Points | | |
|---------------------|--|--|

Name: _____ Chapter: _____ Contestant No: _____

| Plant Layout Scorecard | Possible Points | Points Earned |
|--|------------------------|----------------------|
| Placement of Plant Material | | |
| Plant placed within 6 inches +/- of correct placement | 90 | |
| Facing of plant material | | |
| Plant faced properly | 90 | |
| Handling of Plant Material | | |
| Plant handled properly | 90 | |
| Correct View Point | | |
| Overall aesthetic appearance is consistent with plant diagrams | 90 | |
| Safety Procedures | | |
| Proper PPE was utilized Proper lifting techniques were used | 90 | |
| Productivity and Response to Questions | | |
| Time Completed | 50 | |
| Response to Questions | 50 | |
| Teamwork | | |
| Understanding of Project Goal <ul style="list-style-type: none"> All members clearly show understanding of the project goal | 50 | |
| Member Responsibilities Outlined and Defined <ul style="list-style-type: none"> All members have activity responsibilities outlined and defined | 50 | |
| Participation in the Team Project Goal <ul style="list-style-type: none"> All team members clearly completed task | 50 | |
| Total Points | | |



Name: _____ Chapter: _____ Contestant No: _____

| Sod Installation Scorecard | Possible Points | Points Earned |
|---|-----------------|---------------|
| Installation Procedure | | |
| Sodded strips adjacent to edges full width | 90 | |
| Staggered seams on sod rolls | 90 | |
| Knitted seams tightly | 90 | |
| Made cuts accurately | 90 | |
| Safety Procedures | | |
| Proper PPE was used Proper lifting techniques were used Safe cutting techniques were used | 90 | |
| Productivity and Response to Questions | | |
| Time Completed | 50 | |
| Response to Questions | 50 | |
| Teamwork | | |
| Understanding of Project Goal <ul style="list-style-type: none">All members clearly show understanding of the project goal | 50 | |
| Member Responsibilities Outlined and Defined <ul style="list-style-type: none">All members have activity responsibilities outlined and defined | 50 | |
| Participation in the Team Project Goal <ul style="list-style-type: none">All team members clearly completed task | 50 | |
| Total Points | | |



Name: _____ Chapter: _____ Contestant No: _____

Nursery Landscape Regional Scorecard

| Plant Identification | | Tools & Materials OR Disorder Identification | |
|----------------------|--|--|-------------------------|
| Plant 1 | | Item 1 | |
| Plant 2 | | Item 2 | |
| Plant 3 | | Item 3 | |
| Plant 4 | | Item 4 | |
| Plant 5 | | Item 5 | |
| Plant 6 | | Item 6 | |
| Plant 7 | | Item 7 | |
| Plant 8 | | Item 8 | |
| Plant 9 | | Item 9 | |
| Plant 10 | | Item 10 | |
| Plant 11 | | | |
| Plant 12 | | | |
| Plant 13 | | | |
| Plant 14 | | | |
| Plant 15 | | Plant ID Score: | <u> /250 </u> |
| Plant 16 | | | |
| Plant 17 | | Practicum Score: | <u> /100 </u> |
| Plant 18 | | | |
| Plant 19 | | | |
| Plant 20 | | | |
| Plant 21 | | | |
| Plant 22 | | | |
| Plant 23 | | | |
| Plant 24 | | | |
| Plant 25 | | | |



CDE# 105482

✓ ✗ ● ○

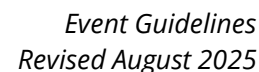


This sheet is for demonstration and practice only. You must use a real scan sheet for actual competition.

[illegible][illegible]

| Assessment and Solution | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|
| 1 | A | B | C | D | 6 | A | B | C | D | 11 | A | B | C | D | 16 | A | B | C | D | 21 | A | B | C | D |
| 2 | A | B | C | D | 7 | A | B | C | D | 12 | A | B | C | D | 17 | A | B | C | D | 22 | A | B | C | D |
| 3 | A | B | C | D | 8 | A | B | C | D | 13 | A | B | C | D | 18 | A | B | C | D | 23 | A | B | C | D |
| 4 | A | B | C | D | 9 | A | B | C | D | 14 | A | B | C | D | 19 | A | B | C | D | 24 | A | B | C | D |
| 5 | A | B | C | D | 10 | A | B | C | D | 15 | A | B | C | D | 20 | A | B | C | D | 25 | A | B | C | D |

| Exam | | | | Exam 2/Team | | | | | |
|------|---|---|---|-------------|----|---|---|---|---|
| 1 | A | B | C | D | 26 | A | B | C | D |
| 2 | A | B | C | D | 27 | A | B | C | D |
| 3 | A | B | C | D | 28 | A | B | C | D |
| 4 | A | B | C | D | 29 | A | B | C | D |
| 5 | A | B | C | D | 30 | A | B | C | D |
| 6 | A | B | C | D | 31 | A | B | C | D |
| 7 | A | B | C | D | 32 | A | B | C | D |
| 8 | A | B | C | D | 33 | A | B | C | D |
| 9 | A | B | C | D | 34 | A | B | C | D |
| 10 | A | B | C | D | 35 | A | B | C | D |
| 11 | A | B | C | D | 36 | A | B | C | D |
| 12 | A | B | C | D | 37 | A | B | C | D |
| 13 | A | B | C | D | 38 | A | B | C | D |
| 14 | A | B | C | D | 39 | A | B | C | D |
| 15 | A | B | C | D | 40 | A | B | C | D |
| 16 | A | B | C | D | 41 | A | B | C | D |
| 17 | A | B | C | D | 42 | A | B | C | D |
| 18 | A | B | C | D | 43 | A | B | C | D |
| 19 | A | B | C | D | 44 | A | B | C | D |
| 20 | A | B | C | D | 45 | A | B | C | D |
| 21 | A | B | C | D | 46 | A | B | C | D |
| 22 | A | B | C | D | 47 | A | B | C | D |
| 23 | A | B | C | D | 48 | A | B | C | D |
| 24 | A | B | C | D | 49 | A | B | C | D |
| 25 | A | B | C | D | 50 | A | B | C | D |

[illegible]