

Nursery Landscape Event 2018

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Nursery Landscape: State	Individual points	Team points
Phase I: Team event		200
General Knowledge	60	240
Plant Identification	60	240
Landscape tool and disorders ID	40	160
String Trimmer operations	40	160
Totals	200	1000

The team will consist of 4 students. **All scores will count.**

A team may compete with less than 4 members.

Any communications between participants from the same team during the event will be sufficient cause to eliminate the team from the event. The exception to the rule is during the team activity.

Cell phones and smart watches must be shut off and out of sight

Participants may not use cameras or camera phones.

All participants are to wear pants and closed toe shoes or boots.

Safety equipment needed for operation of equipment will be provided by the contest superintendents

Students are STRONGLY ENCOURAGED to attend the plant and tool review that will immediately follow the completion of the CDE. Please prepare your team to review for 30 minutes.

Tie Breakers: Should a tie occur in the individual scores the highest score on the general knowledge Exam will be used to break the tie. If the tie cannot be broken using the test score, Plant ID will be used

Equipment: Contestants are required and allowed to bring: Clipboard, #2 Pencil, a non-programmable basic function calculator and scales.

Components of the CDE

Team Activity

This practicum involves team members working together toward accomplishing a goal. It is designed to evaluate individual and group contributions regarding knowledge, evaluation and decision making. The National FFA Nursery Landscape score sheet will be utilized for scoring.

Even Year : Team will analyze a landscape sit problem and provide a solution to the problem. Judging will be based on team preparation (25 minutes) and on presentation (5 minutes). While advanced preparation is highly encouraged, no notes will be allowed into the CDE.

ODD Years Teams will analyze completed landscape drawings and make a sales presentation to the client. Judging will be based on team preparation (25 minutes) and presentation (5 minutes)

Individual Events

General Knowledge: The examination will consist of 50 multiple choice questions. Based off of the questions from National Nursery Landscape General Knowledge tests from the last five years. (these will not be posted to the CAAE but are available through the National FFA website: <https://www.ffa.org/participate/cdes/nursery-landscape/>).

Plant Identification: Participants will identify 50 items selected from the **CT Plant List** (attached below). Plants to identify will be presented as intact live species. Each specimen will correspond with the number of the plant on the attached plant list. Identification stations will present a plant, tool, insect or disease or weed to identify. Each item will correspond with a number on the attached list. A card with the letter A, B, C or D will be placed next to each specimen; the participant will locate the number on the plant list corresponding to that specimen. The question number on the scanning sheet will then be marked with the letter accompanying the specimen

Tool & Equipment, Insect and Disease, Weed Identification Participants will also identify 50 tools, equipment, insect and disease and weeds as selected from the attached National CDE list. Identification stations will present a plant, tool, insect or disease or weed to identify. Each item will correspond with a number on the attached list. A card with the letter A, B, C or D will be placed next to each specimen; the participant will locate the number on the identification list corresponding to that specimen. The question number on the scanning sheet will then be marked with the letter accompanying the specimen.

Skills Event :

Participants will be assessed on the operation of the Line trimmer using the National CDE Skills event score sheet #4. Student will talk through the rubric and be asked to execute the rubric.

01	<i>Abelia x grandiflora</i>	Glossy abelia
02	<i>Abies concolor</i>	White fir
03	<i>Acer palmatum cv.</i>	Japanese maple
04	<i>Acer platanoides cv.</i>	Norway maple
05	<i>Acer rubrum cv</i>	Red maple
06	<i>Acer saccharum cv.</i>	Sugar maple
07	<i>Aesculus hippocastanum</i>	Common horsechestnut
08	<i>Ajuga reptans cv.</i>	Carpet bugle
09	<i>Amelanchier canadensis</i>	Shadowblow, serviceberry
10	<i>Aquilegia x hybrid</i>	Columbine
11	<i>Artemesia schmidtiana</i>	Artemesia
12	<i>Astilbe hybrid</i>	Astilbe
13	<i>Berberis thunbergii</i>	Japanese barberry
14	<i>Betula papyrifera</i>	Paper birch
15	<i>Buxus sempervirens</i>	Common box
16	<i>Catalpa speciosa</i>	Northern catalpa
17	<i>Cedrus atlantica 'Glauca'</i>	Blue atlas cedar
18	<i>Cercis Canadensis</i>	Redbud
19	<i>Chaenomeles speciosa</i>	Japanese (flowering) quince
20	<i>Chamaecyparis obtuse</i>	Hinoki falsecypress
21	<i>Chrysanthemum x Morifolium</i>	Chrysanthemum
22	<i>Clematis x jackmanii</i>	Jackman clematis
23	<i>Clethera alnifolia</i>	Summersweet
24	<i>Cornus florid acv.</i>	Flowering dogwood
25	<i>Cornus sericea</i>	Redosier dogwood
26	<i>Cornus kousa</i>	Kousa dogwood
27	<i>Cotoneaster divaricatus</i>	Spreading cotoneaster
28	<i>Crataegus pheanopyrum</i>	Washington hawthorn
29	<i>Eleagnus angustifolia</i>	Russian olive
30	<i>Euonymus alatus</i>	Winged euonymus
31	<i>Euonymus fortune cv.</i>	Wintercreeper euonymus
32	<i>Fagus sylvatica cv.</i>	European beech
33	<i>Forsythia x intermedia cv.</i>	Border forsythia
34	<i>Fraxinus Americana</i>	White ash
35	<i>Ginko biloba</i>	Ginko/Maidenhair tree
36	<i>Gleditsia triacanthos var. inermis</i>	Thornless honeylocust
37	<i>Hedra helix</i>	English ivy
38	<i>Hemmerocallis spp.</i>	Daylily
39	<i>Heuchera sanguine</i>	Coral bells
40	<i>Hibiscus syriacus</i>	Rose of Sharon
41	<i>Hosta x hybrid cv.</i>	Plaintain lily
42	<i>Hydrangae macrophylla</i>	Hydrangea
43	<i>Ilex crenata cv.</i>	Japanese holly
44	<i>Ilex verticillata</i>	Winterberry holly
45	<i>Ilex opaca cv.</i>	American holly
46	<i>Iris germanica</i>	Bearded iris
47	<i>Juniperus horizontalis cv.</i>	Creeping juniper
48	<i>Kalmia latifolia</i>	Mountain laurel
49	<i>Larix laricina</i>	Eastern/ American larch
50	<i>Liquidamber styraciflua</i>	Sweetgum
51	<i>Ligustrum amurense</i>	Amur privet

52	<i>Liriodendron tulipifera</i>	Tuliptree
53	<i>Lonicera japonica</i> 'Halliana'	Hall's Japanese honeysuckle
54	<i>Magnolia stellata</i> cv.	Star magnolia
55	<i>Magnolia x soulangiana</i> cv.	Saucer magnolia
56	<i>Malus</i> spp. And cv.	Crabapple
57	<i>Metasequoia glyptostroboides</i>	Dawn redwood
58	<i>Myrica pensylvanica</i>	Bayberry
59	<i>Nyssa sylvatica</i>	Black Tupelo/ Black gum
60	<i>Oxydendrum aboreum</i>	Sourwood /sorrel tree
61	<i>Pachysandra terminalis</i>	Japanese spurge
62	<i>Paeonia hybrid</i> cv.	Peony
63	<i>Parthenocissus tricuspidata</i>	Boston ivy
64	<i>Philadelphus coronaries</i>	Mock orange
65	<i>Picea abies</i>	Norway spruce
66	<i>Picea glausa</i> 'Conica'	Dwarf Alberta spruce
67	<i>Picea pungens</i> cv.	Colorado (blue) spruce
68	<i>Pieris japonica</i> cv.	Japanese spurge
69	<i>Pinus mugo</i>	Mugo pine
70	<i>Pinus strobes</i>	Eastern white pine
71	<i>Pinus sylvestris</i>	Scotch pine
72	<i>Pinus thubergii</i>	Japanese black pine
73	<i>Plantanus x acerfolia</i>	London planetree
74	<i>Potentilla fruticosa</i>	Shrubby cinquefoil
75	<i>Populus deltoids</i>	Eastern cottonwood
76	<i>Prunus serrulata</i>	Japanese flowering cherry
77	<i>Pyracantha coccinea</i>	Firethorn
78	<i>Pyrus calleryana</i> cv.	Flowering pear
79	<i>Quercus alba</i>	White oak
80	<i>Quercus palustris</i>	Pin oak
81	<i>Quercus rubra</i>	Red oak
82	<i>Rhododendron x catawbiense</i>	Catawba Rhododendron
83	<i>Rhododendron</i> 'Exbury Hybrid'	Azalea
84	<i>Rudbeckia hirta</i>	Black-eyed Susan
85	<i>Rosa</i> spp.	Hybrid tea rose
86	<i>Sedum spectabile</i>	Stone crop sedum
87	<i>Sorbus aucuparia</i>	European Mountain ash
88	<i>Spirea bumakla</i> cv.	Anthony water spirea
89	<i>Syringa vulgaris</i>	Common lilac
90	<i>Taxodium distichum</i>	Blad Cyprus
91	<i>Taxus cuspidate</i> cv.	Japanese yew
92	<i>Thuja occidentalis</i> cv.	American arborvitae
93	<i>Tila cordata</i>	Littleleaf linden
94	<i>Tsuga canadensis</i>	Canadian hemlock
95	<i>Ulmus parvifolia</i>	Chinese elm
96	<i>Viburnum x burkwoodii</i>	Burkwood viburnum
97	<i>Vinca minor</i> cv.	Periwinkle
98	<i>Weigela florida</i>	Weigela
99	<i>Wisteria sinensis</i> cv.	Chinese wisteria
100	<i>Yucca filamentosa</i>	Adams needle

Pests, Disorders and Beneficial Insects Identification

No.	Item Name
Pests	
217	Aphid
218	Bagworm
219	Borer
220	Leafhopper
221	Leaf Miner
222	Scale
223	Spider Mite
224	Snail/Slug
225	Whitefly
226	White Grub
Diseases	
227	Anthraxnose
228	Apple Scab
229	Black Spot
230	Botrytis
231	Canker
232	Cedar-Apple Rust
233	Crown Gall
234	Fireblight
235	Powdery Mildew
236	Root Rot

No.	Item Name
Weeds	
237	Annual Bluegrass
238	Broadleaf Plantain
239	Buckhorn Plantain
240	Chickweed
241	Crabgrass
242	Dandelion
243	Henbit
244	Nutsedge
245	Oxalis
246	Purslane
247	Clovers
Physiological Problems	
248	Frost/Freeze Injury
249	Iron Deficiency
250	Leaf Scorch (drought/winter burn)
251	Nitrogen Deficiency
252	Pot-Bound Roots
253	String Trimmer Injury
254	2,4-D Injury
Beneficial Insects	
255	Praying Mantis
256	Lady Beetle
257	Paper Wasp
258	Lacewing
259	Spider

Equipment and Supplies Identification

No.	Item Name	No.	Item Name	No.	Item Name
260	anvil-and-blade pruner	287	hedge shears	314	pump sprayer tank not pressurized
261	ball cart (B&B truck)	288	hoe	315	propagation mat
262	bark mulch	289	hook-and-blade pruners	316	pruning saw
263	bow saw	290	hose-end repair fitting	317	reel mower
264	broadcast (cyclone) spreader	291	hose-end sprayer	318	resin-coated fertilizer
265	bubbler head, irrigation	292	hose-end washer	319	rotary mower
266	bulb planter	293	hose repair coupling	320	rototiller
267	bunker rake	294	impact sprinkler	321	round point shovel
268	burlap	295	landscape fabric	322	scoop shovel
269	compressed air sprayer tank pressurized	296	leaf rake	323	shade fabric
270	core aerifier	297	loppers	324	sharpening stone
271	chain saw	298	mattock	325	siphon proportioner
272	cut-off machine	299	measuring wheel	326	soaker hose
273	drip emitter, irrigation	300	mist nozzle (mist bed)	327	soil sampling tube
274	dry-lock wall block	301	mower blade balancer	328	solenoid valve
275	edger (power or hand)	302	nursery container	329	spade
276	edging	303	oscillating sprinkler	330	sphagnum moss
277	erosion netting	304	peat moss	331	square point (flat) shovel
278	fertilizer injector	305	pick	332	string trimmer
279	fertilizer tablet	306	planting/earth/soil auger	333	thatch rake
280	garden (spading) fork	307	pole pruner	334	tree caliper
281	garden (bow) rake	308	polyethylene pipe	335	tree wrap
282	grafting band	309	pop-up irrigation head	336	trowel
283	grafting knife	310	post-hole digger	337	vertical mower
284	granular fertilizer	311	power blower	338	water breaker
285	gravity (drop) spreader	312	power hedge trimmer	339	wire tree basket
286	ground/pelleted limestone	313	pot-in-pot units		