



HORTICULTURE CONTEST OFFICIAL RULES
Two-Year and 4 Year Divisions

Saturday April 16, 8:00 am
118 and 111 Owen Hall
And Greenhouses

CONTACT PERSON:

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General Rules:

- All contestants must be currently enrolled in a two-year or a four-year institution.
- Two-year and four-year teams will evaluate the same contest components.
- A team will consist of four officially registered members.
 - If four members are not present from a school, the attendees will compete as individuals.
 - Additional attendees are welcome to compete individually, and will be eligible for individual awards.
- Contestants must not touch/ handle any plant material during any portion of the competition. Any infraction of this policy is sufficient to eliminate the team from the competition.
- In the event of a tie, the team with the highest team score in the General Knowledge Exam will be declared the winner.
- Contestants must bring a #2 lead pencil and clipboard.
- Contestants may bring an engineer scale and calculator.
 - Calculators on cell phones will not be allowed.
 - Programmable calculators will not be allowed.
- No cell phones, or other electronic devices will be allowed.
- The contest will consist of four sections:
 - General Knowledge Exam
 - Plant Identification
 - Equipment/ Tool Identification
 - Plant Judging
- Awards will be given for team scores and individual scores in each category as well as for total overall team and overall individual scores.

Contest:

Part 1: General Knowledge Exam 1 – 200 points

- Exam will consist of 50-100 multiple choice and/ or T or F questions. The exam will cover almost all areas of Horticulture/ Plant Sciences.

Part 2: Plant Identification – 200 points

- Plant list is included, please see below.
- Woody Identification (100 points)
 - 25 live plant specimens
 - Specimens will be displayed as whole plants, cuttings, or herbarium mounts
- Herbaceous Identification (100 points)
 - 25 live plant specimens
 - Specimens will be displayed as whole plants or cuttings

Part 3: Equipment/ Tool Identification – 100 points

- This section will consist of floral design, greenhouse, nursery, garden center, or landscape equipment/ tools.
 - 50 items (2 points each)
 - Actual item or clear picture of item will be used

Part 4: Plant Judging – 200 points

- Woody landscape plants (50 points)
- Tropical and floral plants (50 points)
- Vegetable, fruit, or nut crops (50 points)
- Annuals and herbaceous perennials (50 points)

2016 NACTA Plant List

Annuals

_ *Ageratum houstonianum*

_ *Angelonea angustifolia*

_ *Antirrhinum majus*

_ *Begonia x semperflorens-cultorum*

_ *Bidens ferulifolia*

_ *Brachycome hybrida*

_ *Brassica oleracea*

_ *Browallia speciose major*

_ *Calibrachoa hybrida*

_ *Catharanthus roseus*

_ *Cleome hassleriana*

_ *Cosmos bipinnatus*

_ *Dahlia hybrida*

_ *Dianthus chinensis*

_ *Diascia barberae*

_ *Dichondra argentea*

_ *Eustoma grandiflorum*

_ *Gazania rigens*

_ *Gerbera jamesonii*

_ *Gomphrena globosa*

_ *Heleotropium arborescens*

_ *Helianthus annuus*

_ *Hypoestes sanguinolenta*

_ *Impatiens platypeltatum*

_ *Impatiens walleriana*

_ *Ipomea batatas*

_ *Lantana camara*

_ *Laurentia axillaris*

_ *Lobelia erinus*

_ *Lobularia maritima*

_ *Melampodium paludosum*

_ *Mirabilis hybrids*

_ *Nicotiana alata*

_ *Osteospermum ecklonis*

_ *Pelargonium x hortorum*

_ *Petunia x hybrida*

_ *Portulaca grandiflora*

_ *Salvia splendens*

_ *Sanvitalia procumbens*

_ *Senecio cineraria*

_ *Solenostemon hybrids*

_ *Solenostemon scutellarioides*

_ *Sutera cordata*

_ *Tagetes erecta*

_ *Tagetes patula*

_ *Verbena x hybrida*

_ *Viola x wittrockiana*

_ *Zinnia elegans*

_ *Caryota mitis*

_ *Ceropegia woodii*

_ *Chamaedorea elegans (Neanthe bella)*

_ *Chlorophytum comosum*

_ *Chrysalidocarpus lutescens*

_ *Cissus rhombifolia*

_ *Clivia miniata*

_ *Codiaeum variegatum*

_ *Crassula argentea*

_ *Cryptanthus bivivitatus*

_ *Cyclamen persicum*

_ *Davallia fejeensis*

_ *Dendrobium sp.*

_ *Dieffenbachia amoena*

_ *Dionaea muscipula*

_ *Dracaena deremensis*

_ *Dracaena fragrans 'Massangeana'*

_ *Dracaena marginata*

_ *Dracaena reflexa*

_ *Euphorbia pulcherrima*

_ *Ficus benjamina*

_ *Ficus elastic*

_ *Ficus pumila*

_ *Gardenia jasminoides*

_ *Gynura aurantiaca*

_ *Hedera helix*

_ *Heptaplerum arboricola*

_ *Howeia fosteriana*

_ *Hoya carnosa*

_ *Kalanchoe blossfeldiana*

Foliage

_ *Adiantum sp.*

_ *Aechmea fasciata*

_ *Aloe barbadensis (Syn. =A. vera)*

_ *Araucaria heterophylla*

_ *Asparagus densiflorus 'Sprengeri'*

_ *Aspidistra elatior*

_ *Asplenium nidus*

_ *Beaucarnea recurvate*

_ *Begonia x rex-cultorum*

_ *Brassaia actinophylla*

_ *Calathea sp.*

_Mammillaria elongata
_Maranta leuconeura kerchoviana
_Nephrolepis exaltata 'Bostoniensis'
_Opuntia microdasys
_Oxalis regnellii
_Peperomia argyreia (sandersii)
_Peperomia caperata 'Emerald Ripple'
_Peperomia clusiiifolia 'Variegata'
_Peperomia incana
_Peperomia obtusifolia
_Phalaenopsis sp.
_Philodendron scandens oxycardium
_Pilea cadierei
_Pilea depressa
_Pilea microphylla
_Pilea 'Moon Valley'
_Platycerium bifurcatum
_Plectranthus australis
_Radermachera sinica 'China Doll'
_Rhapis excels
_Ruellia makoyana
_Saintpaulia ionantha
_Sansevieria trifasciata
_Saxifraga stolonifera
_Schlumbergera truncata
_Sedum marganianum
_Soleirolia soleirolii (formerly Helixine)
_Spathiphyllum spp.
_Strelitzia reginae
_Stroilanthes dyeranus

_Syngonium podophyllum
_Tolmiea menziesii
_Tradescantia fluminensis
_Tripogandra multiflora
_Zamioculcas zamiifolia
_Zebrina x pendula

Grasses

_Andropogon gerardii
_Calamagrostis x acutiflora 'Karl Forester'
_Carex pensylvanica
_Festuca glauca
_Hakonechola macra 'Aeurola'
_Helictotrichon sempervirens
_Imperata cylindrica
_Miscanthus sinensis
_Panicum virgatum
_Pennisetum setaceum
_Schizachyrium scoparium
-Sporobolus heterolepis

Herbs

_Allium schoenoprasum
_Anethum graveolens
_Coriandrum sativum
_Lavandula angustifolia
_Mentha piperita
_Ocimum basilicum
_Origanum vulgare
_Petroselinum crispum
_Rosmarinus officinalis

_ *Salvia officinalis*

_ *Thymus vulgaris*

Perennials

_ *Achillea filipendulina*

_ *Achillea millefolium*

_ *Agastache foeniculum*

_ *Ajuga reptans*

_ *Alcea rosea*

_ *Amsonia hubrichtii*

_ *Amsonia tabernaemontana*

_ *Aquilegia hybrida*

_ *Armeria maritima*

_ *Artemisia schmidtiana*

_ *Asarum canadense*

_ *Asclepias tuberosa*

_ *Astilbe 'Sprite'*

_ *Astilbe x arendsii*

_ *Athyrium niponicum 'Pictum'*

_ *Baptisia australis*

_ *Boltonia asteroides*

_ *Campanula carpatica*

_ *Campanula medium*

_ *Chelone lyonii*

_ *Coreopsis grandiflora*

_ *Coreopsis verticillata*

_ *Delphinium elatum*

_ *Dendranthema x grandiflora*

_ *Dianthus gratianopolitanus*

_ *Dicentra spectabilis*

_ *Echinacea purpurea*

_ *Eupatorium maculatum*

_ *Gaillardia x grandiflora*

_ *Geranium 'Rozanne'*

_ *Gypsophila paniculata*

_ *Helenium autumnale*

_ *Helleborus x hybridus*

_ *Hemerocallis spp.*

_ *Heuchera micrantha 'Purple Palace'*

_ *Heuchera sanguinea*

_ *Hosta hybrids*

_ *Hylotelephium spectabile*

_ *Iberis sempervirens*

_ *Iris germanica*

_ *Iris siberica*

_ *Leucanthemum x hybrida*

_ *Liatris spicata*

_ *Ligularia dentata*

_ *Lupinus Russell Hybrids*

_ *Monarda didyma*

_ *Nepeta 'Walker's Low'*

_ *Oenothera missouriensis (macrocarpa)*

_ *Pachysandra terminalis*

_ *Paeonia hybrids*

_ *Penstemon digitalis 'Husker Red'*

_ *Perovskia atriplicifolia*

_ *Phlox paniculata*

_ *Phlox subulata*

_ *Pulmonaria sp.*

_ *Rudbeckia fulgida* (maybe delete *R. hirta*)

_ *Rudbeckia hirta var. pulcherrima*

_Salvia x superba
_Scabiosa columbaria
_Solidago species (or could do rugose)
_Stachys byzantia
_Tiarella cordifolia
_Veronica spicata
_Veronica x hybrid
_Veronicastrum virginicum

_Amelanchier arborea
_Amelanchier laevis
_Aronia melanocarpa
_Berberis thunbergii
_Betula nigra
_Betula papyrifera
_Betula platyphylla
_Buxus microphylla
_Carpinus caroliniana
_Carya ovata
_Catalpa speciosa
_Celtis occidentalis
_Cercis canadensis
_Chaenomeles speciosa
_Cladrastis kentukea
_Cornus alternifolia
_Cornus stolonifera
_Corylus americana
_Cotoneaster apiculatus
_Cotoneaster divaricatus
_Cotoneaster horizontalis
_Crataegus crus-galli
_Crataegus phaenopyrum
_Diervilla lonicera
_Eleagnus angustifolia
_Euonymus alatus
_Euonymus fortunei
_Fagus grandifolia
_Fagus sylvatica
_Forsythia x intermedia

Woody Plants

_Abies balsamea
_Abies concolor
_Acer x freemanii
_Acer tataricum ssp. ginnala
_Acer negundo
_Acer platanoides
_Acer rubrum
_Acer saccharinum
_Acer saccharum
_Aesculus glabra
_Aesculus hippocastanum

_Fraxinus americana
_Fraxinus pennsylvanica
_Ginkgo biloba
_Gleditsia triacanthos var. inermis
_Gymnocladus dioicus
_Hydrangea arborescens
_Hydrangea macrophylla
_Hydrangea paniculata
_Juglans cinerea
_Juglans nigra
_Juniperus chinensis
_Juniperus horizontalis
_Juniperus virginiana
_Larix decidua
_Ligustrum x vicaryi
_Ligustrum vulgare
_Liriodendron tulipifera
_Lonicera tatarica
_Magnolia x soulangiana
_Magnolia stellate
_Malus spp.
_Morus alba var. tatarica
_Morella pensylvanica
_Nyssa sylvatica
_Ostrya virginiana
_Pachysandra terminalis
_Parthenocissus quinquefolia
_Perthenocissus tricuspidata
_Philadelphus coronaries
_Physocarpus opulifolius
_Picea abies
_Picea glauca
_Picea pungens
_Pinus mugo
_Pinus nigra
_Pinus resinosa
_Pinus strobus
_Pinus sylvestris
_Populus deltoides
_Populus tremuloides
_Potentilla fruticosa
_Prunus cerasifera
_Prunus x cistena
_Prunus maackii
_Prunus virginiana
_Pyrus calleryana
_Quercus alba
_Quercus bicolor
_Quercus macrocarpa
_Quercus palustris
_Quercus rubra
_Rhamnus frangula
_Rhododendron catawbiense
_Rhododendron Northern Light Series
_Rhododendron 'P.J.M.'
_Rhus aromatica
_Rhus glabra
_Rhus typhina
_Ribes alpinum
_Robinia pseudoacacia

_Rosa sp.
_Salix alba
_Salix pupurea
_Sorbus aucuparia
_Spiraea x bumalda
_Spiraea prunifolia
_Spiraea x vanhouttei
_Spireae meyeri
_Syringa patula
_Syringa x prestoniae
_Syringa reticulata
_Syringa vulgaris
_Taxus cuspidata
_Taxus x media
_Thuja occidentalis
_Tilia americana
_Tilia cordata
_Tsuga canadensis
_Ulmus americana
_Ulmus parvifolia
_Ulmus pumila
_Viburnum dentatum
_Viburnum lantana
_Viburnum lentago
_Viburnum opulus
_Virburnum trilobum
_Weigela florid

