

FLORICULTURE

Purpose

The State Floriculture Contest is designed to stimulate student interest in production and retailing of flowers, plants, and foliage in the secondary agriculture curricula.

Objectives

Students participating in the State Floriculture Contest should be able to:

- I. Identify floriculture and bedding plants commonly grown in Missouri.
- II. Identify unhealthy plants due to pest, nutritional, mechanical, or chemical injury.
- III. Understand principles of and develop skills underlying propagation, growth requirements, growing techniques, harvesting, marketing, and maintenance of established floriculture plants

**Starting in 2012, the Floriculture CDE will use
the National FFA Plant Identification List.**

Crosswalk with Show Me Standards

Objectives – Students participating in the Career Development Event should be able to:		Show-Me Standards	
		Knowledge Standards (Content Areas)	Performance Standards (Goals)
1.	Identify floriculture and bedding plants commonly grown in Missouri.	MA.1, MA.2	1.9
2.	Identify unhealthy plants due to pest, nutritional, mechanical, or chemical injury.	SC.3, SC.5	3.4, 3.6, 3.8
3.	Understand principles of and develop skills underlying propagation, growth requirements, growing techniques, harvesting, marketing, and maintenance of established floriculture plants.	FA.1, FA.2	4.3, 4.4, 4.5, 4.7, 4.8

CORRESPONDING SECONDARY AGRICULTURE CURRICULUM			
Course and/or Curriculum:	Greenhouse Operation and Management	Unit(s):	All Units
	Floriculture		All Units

Event Format

The contest will consist of three components: General Knowledge, Identification, and Practicum.

1. General Knowledge Examination
 - a. This portion of the contest will test the contestants' knowledge and understanding of production and retailing of floriculture crops and the selection, use, care, and culture of these plants in the home environment.
 - b. It will consist of 75 questions (25 from *Floristry* and 50 from *Greenhouse Management*) covering the following general topics:
 - (1) Greenhouse design and equipment
 - (2) Basic plant growth and function
 - (3) Plant propagation
 - (4) Plant production technique
 - (5) Diseases and insects
 - (6) Basic business management.
3. Identification
 - a. Each contestant will be required to identify 60 specimens from the Floriculture Plant Identification List.
 - b. Each specimen will be identified by number.
 - c. Contestants will need to match the specimen with the correct name on the answer sheet.
4. Practicum
 - a. Plant Disorders and Diagnosis - Each contestant will complete this practicum of five stations including diagnosing disorders and selecting the most correct remedy.
 - b. Floriculture Tool and Product Identification – Each contestant will identify 25 items selected from the Floriculture/Greenhouse Items list (Form 64).

Event Scoring

Event	Points
General Knowledge (75 questions @ 4 pts each)	300
Identification (60 specimens @ 5 pts each)	300
Practicum (2 @ 50 pts each)	100
TOTAL	700

1. Tie scores among teams in all events should be broken using the high individual team member's score. In case the scores are tied, the scores of the second high individual on each team should be used.

Event Rules and Regulations

1. Each team may consist of three or four members. The top three individual scores will make up the team score.
2. Contestants will not be allowed to communicate with anyone other than contest officials while the contest is in progress. Failure to observe this rule may result in elimination from the contest.

3. Calculators may be used. In all events, only six-function, (nonprogrammable and non-graphing) models may be used. Therefore, the calculators are limited to the following keys: Plus (+); Minus (-); Multiplication (x); Division (/); Equals (=); Memory Clear/Recall (MRC); Memory Minus (M-); Memory Plus (M+); Plus / Minus (+/-); Percentage (%); Square Root ($\sqrt{\quad}$). See page 3, rule #8 of the General CDE Guidelines for an example.

References

Catalogs from mail order seed companies are good sources for information. They can be obtained free of charge from most companies. Farm and garden magazines are full of addresses for these companies in the late winter of every year. Supply catalogs such as: Hummert, Stuppy or similar catalogs can be obtained free of charge or for a minimal fee from most supply companies

Greenhouse Operation and Management (Instructor and Student Reference) (2002). IML, 1400 Rock Quarry Rd. Q156, University of Missouri, Columbia, MO 65211 <http://iml-ag.missouri.edu/>

The Indoor Garden. FTD Publications, Southfield, Michigan.

Riley & Shry (1988). Introductory Horticulture. Albany, New York: Delmar Publishers, Inc.

Floristry (Instructor and Student Reference) (1996). IML, 1400 Rock Quarry Rd. Q156, University of Missouri, Columbia, MO 65211

Forms

See following: Form 60A, Form 60B, Form 64, and List 61.

FLORICULTURE PLANT IDENTIFICATION LIST

No.	Common Name / Botanical Name		
001.	African Violet / <i>Saintpaulia ionantha</i>	039.	Dusty Miller ("Diamond Dusty")/ <i>Senecio cineraria</i>
002.	Ageratum / <i>Ageratum houstonianum</i>	040.	Dutch Iris / <i>Iris xiphium</i>
003.	Aglaonema / <i>Aglaonema commutatum</i>	041.	Dwarf Schefflera / <i>Schefflera arbicola</i>
004.	Aluminum Plant / <i>Pilea cadierei</i>	042.	Emerald Ripple Peperomia / <i>Peperomia caperata</i>
005.	Amaryllis / <i>Hippeastrum hybrid</i>	043.	English Ivy / <i>Hedera helix</i>
006.	Anthurium, Flamingo Lily / <i>Anthurium x andraeanum</i>	044.	Fairy Primrose / <i>Primula malacoides</i>
007.	Aphelandra, Zebra Plant / <i>Aphelandra Squarrosa</i>	045.	Fancy-Leaved Caladium / <i>Caladium x hortulanum</i>
008.	Artillery Plant / <i>Pilea microphylla</i>	046.	Florist's Chrysanthemum / <i>Dendranthemum x morifolium</i>
009.	Asparagus "Fern" / <i>Asparagus setaceus</i>	047.	Florist's "Huckleberry" / <i>Vaccinium ovatum</i>
010.	Astilbe / <i>Astilbe hybrid</i>	048.	Florist's Hydrangea ("French") / <i>Hydrangea macrophylla</i>
011.	Azalea / <i>Rhododendron hybrids</i>	049.	Flowering Stock / <i>Matthiola incana</i>
012.	Baby's Breath / <i>Gypsophila elegans</i>	050.	Freesia / <i>Freesia x hybrida</i>
013.	Bearded (Flag) Iris / <i>Iris hybrids</i>	051.	Friendship Plant / <i>Pilea involucrate</i>
014.	Benjamin Fig / <i>Ficus benjamina</i>	052.	Gardenia / <i>Gardenia jasminoides</i>
015.	Bird-of-Paradise / <i>Sterlitzia reginae</i>	053.	Geranium (Zonal) / <i>Pelargonium x hortorum</i>
016.	Blushing Bromeliad / <i>Neoregelia carolinae</i> 'Tricolor'	054.	Gerbera (Transvaal Daisy) / <i>Gerbera jamesonii</i>
017.	Boston Fern / <i>Nephrolepis exaltata</i>	055.	Gladiolus / <i>Gladiolus x hortulanus</i>
018.	Bromeliad / <i>Aechmea chantinii</i>	056.	Gloxinia / <i>Sinningia speciosa</i>
019.	Cactus / <i>Opuntia</i> tribe cv.	057.	Golden Barrel Cactus / <i>Echinocactus grusonii</i>
020.	Camellia / <i>Camellia japonica</i>	058.	Golden Pothos, Devil's Ivy / <i>Epipremnum aureum</i>
021.	Canna / <i>Canna x generalis</i>	059.	Grape Ivy / <i>Cissus rhombifolia</i>
022.	Carnation / <i>Dianthus caryophyllus</i>	060.	Heartleaf Philodendron / <i>Philodendron scandens oxycardium</i>
023.	Cattleya Orchid / <i>Cattleya hybrids</i>	061.	Hen and Chickens / <i>Echeveria</i> species
024.	China Aster / <i>Callistephus chinensis</i>	062.	Hosta (Plantain Lily) / <i>Hosta</i> species and hybrids
025.	Christmas Cactus / <i>Schlumbergia bridgesii</i>	063.	Hyacinth / <i>Hyacinthus orientalis</i>
026.	Cineraria ("Florists")/ <i>Senecio x hybridus</i>	064.	Hybrid (Garden) Lily / <i>Lilium x hybridum</i>
027.	Clematis / <i>Clematis Jackmanii</i> Group	065.	Hybrid Tea Rose / <i>Rosa hybrida</i> , Class Hybrid Tea
028.	Cockscomb / <i>Celosia plumosis</i>	066.	Impatiens / <i>Impatiens wallerana</i>
029.	Coleus / <i>Coleus x hybridus</i>	067.	Ivy Geranium / <i>Pelargonium peltatum</i>
030.	Corn Plant / <i>Dracaena fragrans</i> 'Massangeana'	068.	Jade Plant / <i>Crassula argentea</i>
031.	Creeping Charley / <i>Pilea nummularifolia</i>		
032.	Creeping Fig / <i>Ficus pumila</i>		
033.	Croton / <i>Codiaeum variegatum pictum</i>		
034.	Crown of Thorns / <i>Euphorbia splendens</i>		
035.	Cutleaf "Philodendron" / <i>Monstera deliciosa</i>		
036.	Cyclamen / <i>Cyclamen x persicum</i>		
037.	Cymbidium Orchid / <i>Cymbidium hybrids</i>		
038.	Daylily / <i>Hemerocallis</i> species and hybrids		

069. Jerusalem Cherry / *Solanum pseudocapsicum*
070. Kalanchoe / *Kalanchoe x blossfeldiana*
071. Lady Slipper Orchid / *Paphiopedilum x hybrid*
072. Leatherleaf Fern / *Rumohra adiantiformis*
073. Liatris / *Liatris spicata*
074. Marguerite Daisy / *Argyranthemum frutescens*
075. Marigold / *Tagetes species*
076. Narcissus (Daffodil) / *Narcissus pseudonarcissus cv.*
077. Nephthytis / *Syngonium podophyllum*
078. Nerve Plant / *Fittonia verschaffeltii argyroneura*
079. Norfolk Island Pine / *Araucaria heterophylla*
080. Pansy / *Viola x wittrockiana*
081. Parlor Palm / *Chamaedorea elegans*
082. Peace Lily, White Anthurium / *Spathiphyllum clevelandii*
083. Peony / *Paeonia hybrids*
084. Persian (German) Violet / *Exacum affine*
085. Peruvian Lily / *Alstroemeria aurantiaca*
086. Petunia (Common Garden Petunia) / *Petunia x hybrida*
087. Phalaenopsis (Butterfly) Orchid / *Phalanopsis hybrids*
088. Picaback Plant / *Tolmeia menziesii*
089. Pocketbook Plant / *Calceolaria crenatiflora*
090. Poinsettia / *Euphorbia pulcherrima*
091. Prayer Plant / *Maranta leuconeura kerchoveana*
092. Primrose (Polyanthus) / *Primula x polyanthus cv.*
093. "Purple Passion", Velvet Plant / *Gynura aurantiaca 'Sarmentosa'*
094. Red Edge Draceana / *Dracaena marginata*
095. Regal (Martha Washington) Geranium / *Pelargonium x domesticum*
096. Rubber Plant (Decora) / *Ficus elastica*
097. Salvia / *Salvia splendens*
098. Shasta Daisy / *Leucanthemum x superbum*
099. Shrimp Plant / *Justicia brandegeana*
100. Silver Dollar Gum / *Eucalyptus polyanthemos*
101. Snake Plant / *Sansevieria trifasciata*
102. Snapdragon / *Anthirrhinum majus*
103. Spider Plant / *Chlorophytum comosum 'Vittatum'*
104. Spotted Dumbcane / *Diffenbachia maculata*
105. Sprengri "Fern" / *Asparagus densiflorous 'Sprengeri'*
106. Spring Heather / *Erica carnea*
107. Statice / *Limonium sinuatum*
108. Stephanotis / *Stephanotis floribunda*
109. Strawberry Begonia (Strawberry Plant) / *Saxifraga stolonifera*
110. Swedish Ivy / *Plectranthus australis*
111. Sweet Alyssum / *Lobularia maritime*
112. Thanksgiving Cactus, Crab Cactus / *Schlumbergera truncata*
113. Trumpet (Easter) Lily / *Lilium longiflorum*
114. Tuberose / *Polianthes tuberosa*
115. Tuberous Begonia / *Begonia x tuberhybrida*
116. Tulip / *Tulipa species and hybrids*
117. Variegated Peperomia / *Peperomia obtusifolia 'Variegata'*
118. Vinca (Madagascar Periwinkle) / *Catharanthus roseus*
119. Wandering Jew / *Zebrina pendula*
120. Watermelon Peperomia / *Peperomia sandersii*
121. Wax Begonia / *Begonia x semperflorens-cultorum*
122. Wax Plant / *Hoya carnosa*
123. Waxflower / *Chamaelaucium uncinatum*
124. Zinnia / *Zinnia elegans*

PLANT DISORDER DIAGNOSIS PRACTICUM

This practicum is aimed at developing in students the ability to recognize and recommend remedial measures for various types of plant disorders. Included among these are environmental, nutritional, insect-related, and disease-related disorders.

Five different stations depicting plant disorders will be included. Answers will be multiple choice in nature. Identifying the disorder correctly will be worth five points. Selecting the proper remedy for the disorder will be worth an additional five points (total value of 50 points). Contestants would be given two minutes per station.

Example: A plant infested with mealy bugs would be present as an exhibit at Station #1.

Disorder answer sheet might include:

- (a) Aphids
- (b) Botrytis
- (c) Mealy bugs
- (d) Fungus gnats

Remedy answer sheets might include:

- (a) Raise the greenhouse temperature
- (b) Spray with a fungicide such as Benlate
- (c) Lower the humidity of the greenhouse
- (d) Spray with an insecticide such as Orthene

Nutritional & Environmental Disorders	
Magnesium deficiency Mechanical damage Drought stress Too much light Improper temperature	Phosphorus deficiency Overwatering damage Inadequate lighting Iron deficiency Nitrogen deficiency Salt damage
Diseases	
Powdery mildew Pythium root rot Mosaic Anthracnose leaf spot	Botrytis (gray mold) Rhizoctonia
Insects and Pests	
Snails Whiteflies Leaf miner Mealybugs Fungus gnat	Slugs Aphids Spider mites Scale

FLORICULTURE IDENTIFICATION SCORECARD

Name: _____ Contestant No: _____

School: _____ School No: _____

Plant Number

- | | | |
|-----------|-----------|-----------|
| 1. _____ | 21. _____ | 41. _____ |
| 2. _____ | 22. _____ | 42. _____ |
| 3. _____ | 23. _____ | 43. _____ |
| 4. _____ | 24. _____ | 44. _____ |
| 5. _____ | 25. _____ | 45. _____ |
| 6. _____ | 26. _____ | 46. _____ |
| 7. _____ | 27. _____ | 47. _____ |
| 8. _____ | 28. _____ | 48. _____ |
| 9. _____ | 29. _____ | 49. _____ |
| 10. _____ | 30. _____ | 50. _____ |
| 11. _____ | 31. _____ | 51. _____ |
| 12. _____ | 32. _____ | 52. _____ |
| 13. _____ | 33. _____ | 53. _____ |
| 14. _____ | 34. _____ | 54. _____ |
| 15. _____ | 35. _____ | 55. _____ |
| 16. _____ | 36. _____ | 56. _____ |
| 17. _____ | 37. _____ | 57. _____ |
| 18. _____ | 38. _____ | 58. _____ |
| 19. _____ | 39. _____ | 59. _____ |
| 20. _____ | 40. _____ | 60. _____ |

FLORICULTURE IDENTIFICATION SCORECARD

FORM 60b

No. Common Name / Botanical Name

- | | |
|--|---|
| <p>001. African Violet / <i>Saintpaulia ionantha</i></p> <p>002. Ageratum / <i>Ageratum houstonianum</i></p> <p>003. Aglaonema / <i>Aglaonema commutatum</i></p> <p>004. Aluminum Plant / <i>Pilea cadierei</i></p> <p>005. Amaryllis / <i>Hippeastrum</i> hybrid</p> <p>006. Anthurium, Flamingo Lily / <i>Anthurium x andraeanum</i></p> <p>007. Aphelandra, Zebra Plant / <i>Aphelandra Squarrosa</i></p> <p>008. Artillery Plant / <i>Pilea microphylla</i></p> <p>009. Asparagus "Fern" / <i>Asparagus setaceus</i></p> <p>010. Astilbe / <i>Astilbe</i> hybrid</p> <p>011. Azalea / <i>Rhododendron</i> hybrids</p> <p>012. Baby's Breath / <i>Gypsophila elegans</i></p> <p>013. Bearded (Flag) Iris / <i>Iris</i> hybrids</p> <p>014. Benjamin Fig / <i>Ficus benjamina</i></p> <p>015. Bird-of-Paradise / <i>Sterlitzia reginae</i></p> <p>016. Blushing Bromeliad / <i>Neoregelia caroliniae</i> 'Tricolor'</p> <p>017. Boston Fern / <i>Nephrolepis exaltata</i></p> <p>018. Bromeliad / <i>Aechmea chantinii</i></p> <p>019. Cactus / <i>Opuntia</i> tribe cv.</p> <p>020. Camellia / <i>Camellia japonica</i></p> <p>021. Canna / <i>Canna x generalis</i></p> <p>022. Carnation / <i>Dianthus caryophyllus</i></p> <p>023. Cattleya Orchid / <i>Cattleya</i> hybrids</p> <p>024. China Aster / <i>Callistephus chinensis</i></p> <p>025. Christmas Cactus / <i>Schlumbergia bridgesii</i></p> <p>026. Cineraria ("Florists") / <i>Senecio x hybridus</i></p> <p>027. Clematis / <i>Clematis Jackmanii</i> Group</p> <p>028. Cockscomb / <i>Celosia plumosis</i></p> <p>029. Coleus / <i>Coleus x hybridus</i></p> <p>030. Corn Plant / <i>Dracaena fragrans</i> 'Massangeana'</p> <p>031. Creeping Charley / <i>Pilea nummularifolia</i></p> <p>032. Creeping Fig / <i>Ficus pumila</i></p> <p>033. Croton / <i>Codiaeum variegatum pictum</i></p> <p>034. Crown of Thorns / <i>Euphorbia splendens</i></p> <p>035. Cutleaf "Philodendron" / <i>Monstera deliciosa</i></p> <p>036. Cyclamen / <i>Cyclamen x persicum</i></p> <p>037. Cymbidium Orchid / <i>Cymbidium</i> hybrids</p> <p>038. Daylily / <i>Hemerocallis</i> species and hybrids</p> <p>039. Dusty Miller ("Diamond Dusty") / <i>Senecio cineraria</i></p> <p>040. Dutch Iris / <i>Iris xiphium</i></p> <p>041. Dwarf Schefflera / <i>Schefflera arborescens</i></p> <p>042. Emerald Ripple Peperomia / <i>Peperomia caperata</i></p> <p>043. English Ivy / <i>Hedera helix</i></p> <p>044. Fairy Primrose / <i>Primula malacoides</i></p> <p>045. Fancy-Leaved Caladium / <i>Caladium x hortulanum</i></p> <p>046. Florist's Chrysanthemum / <i>Dendranthemum x morifolium</i></p> <p>047. Florist's "Huckleberry" / <i>Vaccinium ovatum</i></p> <p>048. Florist's Hydrangea ("French") / <i>Hydrangea macrophylla</i></p> <p>049. Flowering Stock / <i>Matthiola incana</i></p> <p>050. Freesia / <i>Freesia x hybrida</i></p> <p>051. Friendship Plant / <i>Pilea involucrata</i></p> <p>052. Gardenia / <i>Gardenia jasminoides</i></p> <p>053. Geranium (Zonal) / <i>Pelargonium x hortorum</i></p> <p>054. Gerbera (Transvaal Daisy) / <i>Gerbera jamesonii</i></p> <p>055. Gladiolus / <i>Gladiolus x hortulanus</i></p> <p>056. Gloxinia / <i>Sinningia speciosa</i></p> <p>057. Golden Barrel Cactus / <i>Echinocactus grusonii</i></p> <p>058. Golden Pothos, Devil's Ivy / <i>Epipremnum aureum</i></p> <p>059. Grape Ivy / <i>Cissus rhombifolia</i></p> <p>060. Heartleaf Philodendron / <i>Philodendron scandens oxycardium</i></p> <p>061. Hen and Chickens / <i>Echeveria</i> species</p> <p>062. Hosta (Plantain Lily) / <i>Hosta</i> species and hybrids</p> <p>063. Hyacinth / <i>Hyacinthus orientalis</i></p> <p>064. Hybrid (Garden) Lily / <i>Lilium x hybridum</i></p> <p>065. Hybrid Tea Rose / <i>Rosa hybrida</i>, Class Hybrid Tea</p> <p>066. Impatiens / <i>Impatiens wallerana</i></p> <p>067. Ivy Geranium / <i>Pelargonium peltatum</i></p> | <p>068. Jade Plant / <i>Crassula argentea</i></p> <p>069. Jerusalem Cherry / <i>Solanum pseudocapsicum</i></p> <p>070. Kalanchoe / <i>Kalanchoe x blossfeldiana</i></p> <p>071. Lady's Slipper Orchid / <i>Paphiopedilum x hybrid</i></p> <p>072. Leatherleaf Fern / <i>Rumohra adiantiformis</i></p> <p>073. Liatris / <i>Liatris spicata</i></p> <p>074. Marguerite Daisy / <i>Argyranthemum frutescens</i></p> <p>075. Marigold / <i>Tagetes</i> species</p> <p>076. Narcissus (Daffodil) / <i>Narcissus</i> species and hybrids</p> <p>077. Nephthytis / <i>Syngonium podophyllum</i></p> <p>078. Nerve Plant / <i>Fittonia verschaffeltii argyroneura</i></p> <p>079. Norfolk Island Pine / <i>Araucaria heterophylla</i></p> <p>080. Pansy / <i>Viola x wittrockiana</i></p> <p>081. Parlor Palm / <i>Chamaedorea elegans</i></p> <p>082. Peace Lily, White Anthurium / <i>Spathiphyllum clevelandii</i></p> <p>083. Peony / <i>Paeonia</i> hybrids</p> <p>084. Persian (German) Violet / <i>Exacum affine</i></p> <p>085. Peruvian Lily / <i>Alstroemeria aurantiaca</i></p> <p>086. Petunia (Common Garden Petunia) / <i>Petunia x hybrida</i></p> <p>087. Phalaenopsis (Butterfly) Orchid / <i>Phalaenopsis</i> hybrids</p> <p>088. Picaback Plant / <i>Tolmeia menziesii</i></p> <p>089. Pocketbook Plant / <i>Calceolaria crenatiflora</i></p> <p>090. Poinsettia / <i>Euphorbia pulcherrima</i></p> <p>091. Prayer Plant / <i>Maranta leuconeura kerchoveana</i></p> <p>092. Primrose (Polyanthus) / <i>Primula x polyanthus</i> cv.</p> <p>093. "Purple Passion", Velvet Plant / <i>Gynura aurantiaca</i> 'Sarmantosa'</p> <p>094. Red Edge Dracaena / <i>Dracaena marginata</i></p> <p>095. Regal (Martha Washington) Geranium / <i>Pelargonium x domesticum</i></p> <p>096. Rubber Plant (Decora) / <i>Ficus elastica</i></p> <p>097. Salvia / <i>Salvia splendens</i></p> <p>098. Shasta Daisy / <i>Leucanthemum x superbum</i></p> <p>099. Shrimp Plant / <i>Justicia brandegeana</i></p> <p>100. Silver Dollar Gum / <i>Eucalyptus polyanthemos</i></p> <p>101. Snake Plant / <i>Sansevieria trifasciata</i></p> <p>102. Snapdragon / <i>Anthirrhinum majus</i></p> <p>103. Spider Plant / <i>Chlorophytum comosum</i> 'Vittatum'</p> <p>104. Spotted Dumbcane / <i>Diffenbachia maculata</i></p> <p>105. Sprengri "Fern" / <i>Asparagus densiflorus 'Sprengeri'</i></p> <p>106. Spring Heather / <i>Erica carnea</i></p> <p>107. Statice / <i>Limonium sinuatum</i></p> <p>108. Stephanotis / <i>Stephanotis floribunda</i></p> <p>109. Strawberry Begonia (Strawberry Plant) / <i>Saxifraga stolonifera</i></p> <p>110. Swedish Ivy / <i>Plectranthus australis</i></p> <p>111. Sweet Alyssum / <i>Lobularia maritime</i></p> <p>112. Thanksgiving Cactus, Crab Cactus / <i>Schlumbergera truncata</i></p> <p>113. Trumpet (Easter) Lily / <i>Lilium longiflorum</i></p> <p>114. Tuberose / <i>Polianthes tuberosa</i></p> <p>115. Tuberous Begonia / <i>Begonia x tuberhybrida</i></p> <p>116. Tulip / <i>Tulipa</i> species and hybrids</p> <p>117. Variegated Peperomia / <i>Peperomia obtusifolia 'Variegata'</i></p> <p>118. Vinca (Madagascar Periwinkle) / <i>Catharanthus roseus</i></p> <p>119. Wandering Jew / <i>Zebrina pendula</i></p> <p>120. Watermelon Peperomia / <i>Peperomia sandersii</i></p> <p>121. Wax Begonia / <i>Begonia x semperflorens-cultorum</i></p> <p>122. Wax Plant / <i>Hoya carnosa</i></p> <p>123. Waxflower / <i>Chamaelaucium uncinatum</i></p> <p>124. Zinnia / <i>Zinnia elegans</i></p> |
|--|---|

FLORICULTURE/GREENHOUSE ITEMS

FORM 64

Name: _____ Contestant No: _____

School: _____ School _____

- | | | | |
|--|--|---|---|
| 1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____ | 01. # 3 Ribbon
02. # 9 Ribbon
03. 606 Cell Pack
04. 804 Cell Pack
05. 806 Cell Pack
06. 1204 Cell Pack
07. 1206 Cell Pack
08. 1801 Cell Pack
09. 1803 Cell Pack
10. Anvel Pruner
11. Aspen Pad
12. Azalea Pot
13. Ball Valve
14. Bamboo Stake
15. Boutineer Pins
16. Bud Vase
17. Bulb Pot
18. Bypass Pruner
19. Calcined Clay
20. Care Tag
21. Casket Saddle
22. Coconut Industrial Residue (COIR)
23. Compressed Air Sprayer
24. Conductivity Meter
25. Corsage Bags
26. Corsage Pins
27. Dibble
28. Drip Irrigation Tube
29. Dry Foam
30. Fertilizer Granules
31. Fertilizer Tablets
32. Floral Greening Pins
33. Floral Snips
34. Floral Tape
35. Florist's Foil | 36. Florist Shears
37. Fluorescent Lamp
38. Fogg-it Nozzle
39. Full-face Gas Mask
40. Gate Valve
41. H.I.D. Lamp
42. Hanging Basket
43. Hose Saver
44. Hot Glue Gun
45. Hydrophilic Polymer
46. Impulse Sprinkler
47. Incandescent Lamp
48. Inline Filter
49. Insect Monitoring Card
50. Jiffy Pots
51. Kool Cell
52. Latex Rubber Gloves
53. Mist Nozzle
54. Neoprene Rubber Gloves
55. Nitrile Rubber Gloves
56. Oasis Block
57. Oasis Cage
58. Oasis Wedge
59. Orchid Bark
60. Oscillating Sprinkler
61. Paddle Wire
62. Paper Mache Container
63. Peat Moss
64. Perlite
65. Petal Preservative
66. pH Pen | 67. Pic Machine
68. Pin Flower Holder
69. Plant Shine
70. Plant Sleeve
71. Plug Flat
72. Pot Cover
73. Potting Medium
74. Processed Pine Bark
75. Propagation Dome
76. Propagation Mat
77. Raffia
78. Respirator
79. Ribbon Shears
80. Rockwool Cube
81. Seeding Flat
82. Shade Cloth
83. Siphon Mixer
84. Slow Release Fertilizer
85. Solenoid Valve
86. Sphagnum Moss
87. Squeeze Bulb Duster
88. Standard Pot
89. Staple Gun
90. Stapler
91. Stem Stripper
92. Stem Wire
93. Styrofoam Cutter
94. Sure-Stik Tape
95. Tickler Vase
96. Tyvek Suit
97. Vermiculite
98. Water-breaker/Wand
99. Water Soluble Fertilizer
00. Wooden Pic |
|--|--|---|---|