













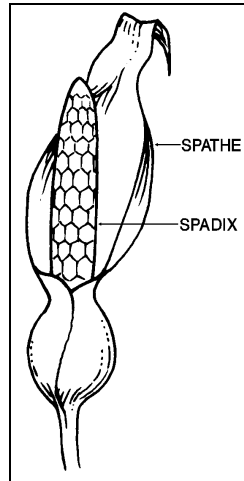








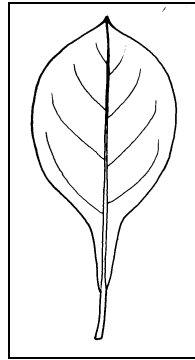
**Spadix:** A spike with a thick and fleshy axis, usually densely flowered with imperfect flowers. See Figure 43.



**Figure 43.** Spadix and Spathe.

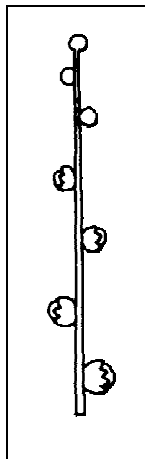
**Spathe:** A large bract sheathing or enclosing an inflorescence. See Figure 43.

**Spatulate Leaf Shape:** Shaped similar to a spatula or spoon; narrower and more tapered than obovate. See Figure 44.



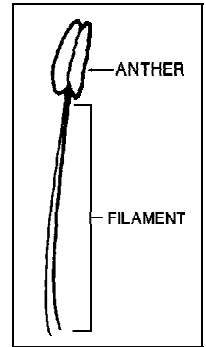
**Figure 44.** Spatulate Leaf Shape.

**Spike Flower Arrangement:** An inflorescence consisting of a central rachis bearing a number of sessile flowers. See Figure 45.



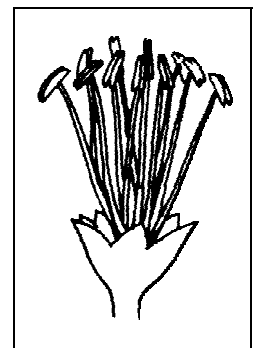
**Figure 45.** Spike Flower Arrangement.

**Stamen:** One of the pollen-bearing organs of a flower. Made up of filament and anther. See Figure 46.



**Figure 46.** Stamen.

**Staminate Flower:** Bearing stamens only. See Figure 47.



**Figure 47.** Staminate Flower.

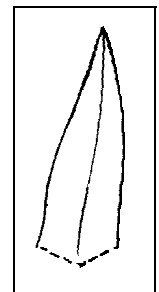
**Stigma:** The part of the pistil that receives the pollen, usually at or near the apex of the pistil and mostly hairy or sticky. See Figure 32.

**Stipule:** Leaflike appendage at the base of the leaf.

**Stolon:** Trailing shoot above ground, rooting at the nodes.

**Style:** The usually stalk-like part of a pistil connecting the ovary and stigma. See Figure 32.

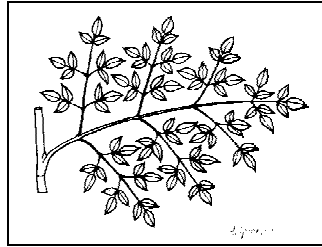
**Subulate:** Awl-shaped; narrow and sharp pointed, gradually tapering from base to a slender or stiff point. See Figure 48.



**Figure 48.** Subulate.

**Succulent:** Fleshy and full of juice.

**Tripinnate:** Three times pinnate. See Figure 49.

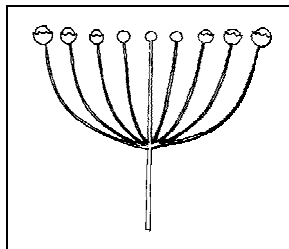


**Figure 49.** Tripinnate.

**Tuber:** A thickened, short, usually subterranean stem having numerous buds called eyes.

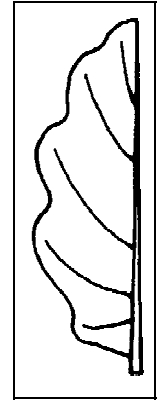
**Tunicate:** Having enwrapping coats or layers.

**Umbel Flower Arrangement:** An inflorescence consisting of several pedicelled flowers with a common point of attachment. See Figure 50.



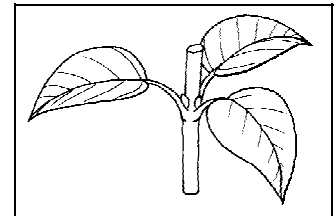
**Figure 50.** Umbel Flower Arrangement.

**Undulate Leaf Margin:** Wavy (up and down in a vertical plane). See Figure 51.



**Figure 51.** Undulate Leaf Margin.

**Whorled Leaf Arrangement:** Three or more leaves at a node. See Figure 52.



**Figure 52.** Whorled Leaf Arrangement.

Name \_\_\_\_\_ Contestant No. \_\_\_\_\_

**Fruits and Nuts**

- a. Apple
- b. Apricot
- c. Avocado
- d. Banana
- e. Barbados cherry
- f. Blackberry
- g. Black walnut
- h. Blueberry
- i. Carambola
- j. Cashew
- k. Cherry
- l. Chestnut
- m. Chinese jujube
- n. Coconut
- o. Elderberry
- p. Fig
- q. Grape
- r. Grapefruit
- s. Guava
- t. Hickory nut
- u. Kumquat
- v. Lemon
- w. Lime
- x. Loquat
- y. Lychee
- z. Mamey sapote
- aa. Mango
- bb. Mayhaw
- cc. Mulberry
- dd. Nectarine
- ee. Orange
- ff. Papaya
- gg. Peach
- hh. Pear
- ii. Pecan
- jj. Persimmon
- kk. Pineapple
- ll. Plum
- mm. Pomegranate
- nn. Quince
- oo. Raspberry
- pp. Strawberry
- qq. Sugar apple
- rr. Tangelo
- ss. Tangerine

**Vegetables**

- a. Artichoke, globe
- b. Artichoke, Jerusalem
- c. Asparagus
- d. Bean, snap
- e. Bean, lima
- f. Beet
- g. Broccoli
- h. Brussels sprouts
- i. Cabbage
- j. Carrot
- k. Cauliflower
- l. Celery
- m. Chard, Swiss
- n. Chayote
- o. Cabbage, Chinese
- p. Chives
- q. Collards
- r. Cucumber
- s. Eggplant
- t. Endive
- u. Garlic
- v. Kale
- w. Kohlrabi
- x. Leek
- y. Lettuce
- z. Muskmelon
- aa. Mustard
- bb. Okra
- cc. Onion
- dd. Parsley
- ee. Parsnip
- ff. Pea, English
- gg. Pea, Southern
- hh. Pepper
- ii. Potato, Irish
- jj. Potato, Sweet
- kk. Radish
- ll. Rutabaga
- mm. Spinach
- nn. Squash, Butternut
- oo. Squash, Zucchini
- pp. Sweet Corn
- qq. Tomato
- rr. Turnip
- ss. Watermelon

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Name \_\_\_\_\_ Contestant No. \_\_\_\_\_

**Flowers and Foliage Plants**

**Ornamentals**

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- a. African violet
- b. Aglaonema
- c. Aloe Vera
- d. Amaryllis
- e. Begonia
- f. Caladium
- g. Canna
- h. Celosia
- i. Christmas cactus
- j. Chrysanthemum
- k. Coleus
- l. Daylily
- m. Dianthus
- n. Dieffenbachia
- o. Dracaena marginata
- p. Episcia
- q. Geranium
- r. Gladiolus
- s. Gloxinia
- t. Grape ivy
- u. Heart-leaf philodendron
- v. Holly fern
- w. Impatiens
- x. Jade plant
- y. Marigold
- z. Neanthe bella palm
- aa. Nephthytis
- bb. Norfolk Island pine
- cc. Pansy
- dd. Peperomia
- ee. Petunia
- ff. Poinsettia
- gg. Pothos
- hh. Prayer plant
- ii. Salvia
- jj. Sandevieria
- kk. Schefflera
- ll. Snapdragon
- mm. Spathiphyllum
- nn. Spider plant
- oo. Swedish ivy
- pp. Verbena
- qq. Weeping fig
- rr. Zebra plant
- ss. Zinnia

- a. Allamanda
- b. American holly
- c. Anise
- d. Azalea
- e. Black olive
- f. Bougainvillea
- g. Burford holly
- h. Cabbage palm
- i. Camellia
- j. Canary Island date palm
- k. Carissa (natal palm)
- l. Chinese elm
- m. Coontie
- n. Crape myrtle
- o. Croton
- p. Dogwood
- q. Feijoa
- r. Glossy abelia
- s. Hibiscus
- t. Indian hawthorn
- u. Ixora
- v. Japanese privet
- w. Liriope
- x. Live oak
- y. Loblolly bay
- z. Mondo grass
- aa. Nandina
- bb. Pfitzer juniper
- cc. Pindo palm
- dd. Pine
- ee. Photinia
- ff. Pittosporum
- gg. Podocarpus
- hh. Pyracantha
- ii. Red maple
- jj. Royal poinciana
- kk. Sago palm
- ll. Sea grape
- mm. Silk oak
- nn. Shumard oak
- oo. Southern magnolia
- pp. Sweet gum
- qq. Sycamore
- rr. Wax myrtle
- ss. Wisteria

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Name \_\_\_\_\_

Contestant number \_\_\_\_\_

County \_\_\_\_\_

**FLORIDA 4-H HORTICULTURE IDENTIFICATION  
AND  
JUDGING CONTEST**

**JUDGING:** Eight classes of horticultural plants or produce will be judged as follows:

- A. Two classes of flowers and foliage plants.
- B. Two classes of fruits and nuts.
- C. Two classes of ornamentals.
- D. Two classes of vegetables.

**DIRECTIONS:** There are 8 classes with 4 specimens in each class. The specimens are lettered A through D from left to right. When you have decided on the placing of a particular class, mark that placing opposite the appropriate class under the heading "Placing". Examples might be: CBDA, ADCB, BACD, etc. Be sure to judge all 8 classes.

CLASS	PRODUCT	PLACING	SCORE
CLASS 1			
CLASS 2			
CLASS 3			
CLASS 4			
CLASS 5			
CLASS 6			
CLASS 7			
CLASS 8			

Total Score \_\_\_\_\_ ÷ 4 = \_\_\_\_\_