## COLOR from p. 36

an architectural color consultant firm in Irvine, Calif., says some flowers are too bright, too stimulating for the surroundings.

Tate is also a member of The Color Marketing Group, an international, nonprofit association of design and color professionals, located in Alexandria, Va. She suggests:

- Dusky purples, car-amels and reds will pick up the sunset, any nearby rock outcroppings and evening shadows of a mountain view.
- For coastal areas, consider copying the colors of the water, the sunrise, the beach sand and rocks.
- Courses in the Southwest may use
the desert as master palette. There, the colors are many: sunrise and sunset; bright blossoms; subtle, cool colors from the sand, native cactus and sage brush.
- Sawyer stresses seasonal color as well as annual hues. Seasonal color with perennials and flowering shrubs can generate favorable impressions with less maintenance.
- Don't forget green. Build on shades of green, layering hues of light and dark, or using variations in the blue-green or yellow-green palette. Use perennials with variegated leaves, and add tones of white, yellow, pink or red.

Annuals, of course, are high maintenance choices, and may need lots of water,
depending on the varieties chosen.
Plant annuals where care can be provided easily and economically. Borders of annuals around-or in-a portion of permanent beds may make for a good mix.

Try red and white petunias by the clubhouse, deep pink impatiens by the ninth hole turn. But change them the next year.

For a final lesson, play your course or a neighboring one. Where does the course look weak? What views and combinations are most striking? Take notes-photos if you can-and use them for guidance.
-The authors are freelance writers specializing in the horticultural field. They work out of their office in Council Bluffs, Iowa.

# LM survey says flowers more popular than ever at nation's golf courses 

One superintendent LM talked to says he buys $\mathbf{2 0 0}$ to $\mathbf{3 0 0}$ flats each year at a cost of between \$6 and \$7 per

## flat.

- It's no longer unusual to find flowers in and around the nation's golf courses. Virtually all the golf course superintendents- 97.8 percent, actually-surveyed by Landscape Management magazine admit to having them on their courses.

Most-nine out of 10 -use annual flowers in the clubhouse area, but annuals are becoming more popular at various other points on the course itself.

For instance, about 60 percent (of the 93 supers we surveyed at the GCSAA's last national conference) feature annuals around tees. Almost half use them between holes, and nearly one-fourth have them around greens.

Roland White of Bald Peak Country Club in Melvin Village, N.H., could have been one of the first superintendents to feature flowers on his course. He started planting them 19 years ago and now has "beds all around the course."
"Overall, there's less maintenance, once you've got the beds in shape," White reports. "We treat them every spring with Eptam
PERCENT OF GOLF COURSES USING ANNUAL COLOR, BY LOCATION
Around clubhouse
0% 10% 205 30% 40% 50% 60% 70% 80% 90% 100%
0% 10% 205 30% 40% 50% 60% 70% 80% 90% 100%
Around tees

Around greens $\quad$ 27.6\% Adjacent to roughs $11.8 \%$
Along fairways
Nowhere $9.7 \%$ $\square 2.1 \%$

Base: 93
Source: LM poll at GCSAA show, 1994
and find we have very few weeds."
White hires two women to tend the flowers and flower beds around the clubhouse-one his wife-during the summer. They work 24 to 36 hours each.
"We put the flowers where they can be seen, in front of our stone walls, around boulders-but we don't have mass plantings," White says. "They go real well here in New Hampshire."

Among the more popular annuals are marigolds, impatiens, snapdragons, periwinkle and salvia. Each species is specific to the types and amounts of soil, fertility, light and water required.

There have been flowers on display at Franklin Hills Country Club, Franklin, Mich. since Tom Lawrence has been there-five years. This year, he's switching to more annuals after a season with more perennials.
continued on page 42

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## SURVEY from p. 40

"We have lots of flowers-you name it, we've got it," Lawrence observes, ticking off begonias, impatiens, petunias, geraniums, snapdragons and salvia.

He says the club purchases 200 to 300 flats each year at a cost of between $\$ 6$ and $\$ 7$ per flat.
"Last year, we had a full-time gardner to pull weeds, fertilize, edge the beds and water," says Lawrence. "This year, we're putting one of our regular crews on them."

Faron Stoops at Chambersburg Country Club in Scotland, Pa. uses chrysanthemums, geraniums, impatiens and tulips-certainly nothing elaborate, but plants that provide plenty of color.
"It's probably a little more expensive to
plant and maintain the flowers," Stoops notes, "but you've got to weigh how they look. We put them were golfers can see them (around the clubhouse, between holes, around tees and around greens), but not where they're in play." Stoops starting adding both annuals and perennials about seven years ago, and reports excellent acceptance by the club's members.
"Annuals offer the most prolific flowering of all groundcovers or ornamentals," points out Jim McMahon of Coronis Landscaping, Nashua, N.H. "Though they only live for one season, they bloom throughout the growing period, producing continuous color.
"Annuals are the correct choice wherever a big splash of color is desired."
-Jerry Roche

| PLANTING AND CULTUREOF SELECTED ANNUALS |  |  |  |
| :---: | :---: | :---: | :---: |
| PLANT | WHEN TO PLANT | EXPOSURE | SPACING |
| ageratum | after last frost | semi-shade; full sun | 10-12" |
| babysbreath | early spring; summer | sun | 10-12" |
| balsam | after last frost | sun | 12-14" |
| calendula | early spring; shade late fall | sun | $8 \cdot 10^{\prime \prime}$ |
| candytuft | early spring; late fall | sun | 8-12" |
| China-aster | after last frost | sun | 10-12" |
| cockscomb | early spring; summer | sun; shade | 10-12" |
| coleus | after last frost | sun | 10-12" |
| cosmos | after last frost | sun; partial shade | 10-12" |
| dahlia | early spring | sun | 12-14" |
| forget-me-not | spring; summer | sun; partial shade | 10-12" |
| four-0-clock | after last frost | partial shade, shade (summer) | 12-14" |
| gaillardia | early spring thru summer | sun | 10-12" |
| impatiens | after last frost | sun; shade | 10-12" |
| larkspur | late fall | partial; deep shade | 6-8" |
| Iupine | early spring; late fall | sun | 6-8" |
| marigold | aiier last irosi; summer | semi-shade; sun | 10-14" |
| morning glory | after last frost | sun | 8-12" |
| nasturtium | after last frost | sun | 8-12" |
| pansy | after last frost | sun | 6-8" |
| petunia | late fall | sun or shade (summer) | 12-14" |
| phlox | early spring | sun | 12-14" |
| poppy | early spring thru summer | sun | 6-10" |
| portulaca | after last frost; late fall | sun, shade (summer) | 10-12" |
| rudheckia | spring; summer | sun | 10-14" |
| scarlet sage | spring; summer | sun; part shade; shade (summer) | 8-12" |
| smaptragon | spring; tate fall | sun | 6-10" |
| spider plant | early spring; spring; fall | sun | 12-14" |
| sunflower | after last frost | sun | 12-14" |
| sweet alyssum | early spring | sun | 10-12" |
| verbena | after last frost | sun | 18-24" |
| vinca | after last frost | sun | 10-24" |
| zinnia | after last frost | sun | 8-12" |

Source: "Through the Green" (Georgia Golf Course Supts. Assn.)

