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# LANDSCAPE MANAGEMENT



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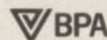
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## You know who you are



This month's issue carries a story about the progress being made by landscape architects and contractors in their daily working relationships.

Have you, Mr. Contractor, ever changed an architect's plans without first consulting with him? Do you believe the architect has a right to see his plans carried out as drawn?

Do you, Mr. Architect, draw your designs after considering the total adaptability of the plan to the job site? Do you believe a contractor deserves to work from plans that are practical?

The green industry's best contractors and architects communicate, respect each other's talents and depend on each other for guidance. They figured out long ago that summers are short, and once you step between the lines, it's time to play ball.

A contractor interviewed for the story on page 47 admitted that some contractors will, for example, use a substitute irrigation product without telling the architect or developer. "Once it's underground," he said, "who's going to know?"

That kind of behavior might go over in high school homeroom, but not in the real world. Sure, no one but the contractor will know of the switch. But if a contractor conducts all his business that way, his days in business are numbered. At best, he'll creep along and make a minimal living.

Every profession has good and bad practitioners. Many great contractors and architects do their best for themselves and the green industry. But some fly-by-night, seat-of-the-pants operators eek out a living by playing fast and loose with professional ethics. They drive trucks that are ready for the boneyard, they don't bathe and they wear the same T-shirt for a month. The true professionals in both fields are constantly looking for ways to improve.

The industry has made great strides in the past decade. But the responsibilities remain, and they extend in many directions.

Architects: draw with practicality; take charge of the project; visit the site regularly; be open to modification. Contractors: accept the architects' knowledge; he needs you as much as you need him; communicate; don't cut corners. Developers: be aware of what is going on at all times, and know that the architect is the project leader. If a contractor makes a suggestion, talk to the architect before giving your okay.

The only side we're taking is that of professionalism and productivity. The industry has enough to deal with as it is, thanks to the anti-everything crowd. Let's continue to work together.

**Terry McIver, associate editor**

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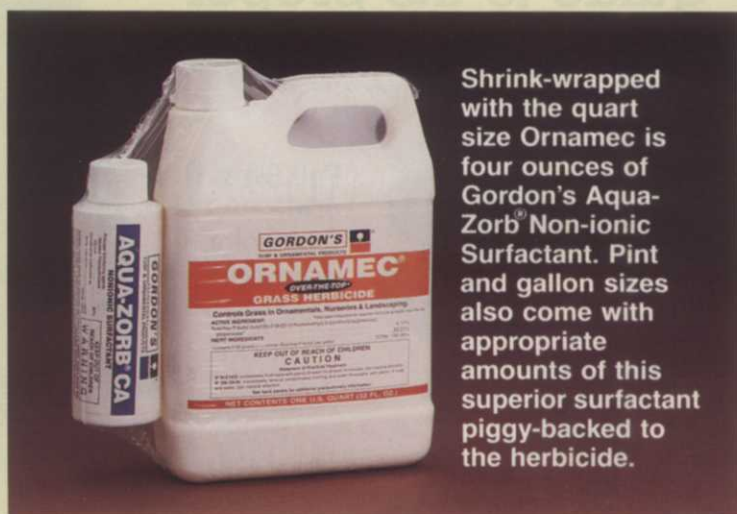
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|---------------------------|-------------------------|
| Abbotswood                | Bird of paradise        |
| Abelia, Glossy            | (Strelitzia reginae)    |
| Acacia, Jim wheat         | Bird of paradise, Giant |
| Acacia, Shoe-string       | Bottle brush            |
| Acacia, Willow            | Black Hills             |
| Acacia, Willow-leaved     | Blue Point              |
| Admiral                   | Blue star creeper       |
| African sumar standard    | Bottle-brush            |
| Ageratum                  | Boxwood, Common         |
| Almond, Flowering         | Boxwood, Japanese       |
| Aloe, Barbados            | Boxwood, Korean         |
| Aloe vera                 | Brown beam              |
| Aloe zanzibarica          | Buckthorn, Tallhedge    |
| Althea                    | Buffalo                 |
| Alyssum                   | Cactus, Barrel          |
| Amur River                | Cactus, Cholla          |
| Annual statice            | Cactus, Hedgehog        |
| Anthony Waterer           | Cactus, Saguaro         |
| Ash, Arizona              | Caesalpinia cacalaco    |
| Asparagus, Myres          | Camellia                |
| Asparagus, Sprenger       | Camellia, Sasanqua      |
| Aucuba                    | Candelabra plant        |
| Aucuba japonica variegata | Candytuff               |
| Aurea                     | Cane plumbago           |
| Australian bush cherry    | Cape weed               |
| Bamboo, Golden            | Caricature plant        |
| Banana, Ethiopia          | Carissa tuttlei         |
| Banksia                   | Carob tree              |
| Barberry, Mentor          | Cassia sturdii          |
| Barberry, Rec'            | Cassia, African         |
| Bellflower                | Cassia, Feathery        |
| Berkman's                 | Century plant           |
| Bird of paradise          | Cedar, Red              |
| (Caesalpinia gilliesii)   | Cherry, Brush           |

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Cherry, Carolina  
Chives  
Christmas tree,  
New Zealand  
Cleyera (Cleyera spp.)  
Cleyera (Ternstroemia sp.)  
Coffee  
Coleus  
Cologreen  
Compact burningbush  
Coral beauty  
Coreopsis, Threadleaf  
Coronation Gold  
Cotoneaster  
Cotoneaster apiculata  
Cotoneaster microphyllus  
Cotoneaster, Spreading  
Cotoneaster, Willowleaf  
Crabapple, Showy  
Cranesbill  
Creeping Charlie  
Crossandra  
Croton  
Crown Vetch  
Cypress, Allum lawson  
Cypress, Cripps hinoki false  
Cypress, Italian  
Dagger, Spanish  
Dagger, Weeping  
Daisy, Shasta  
Daisy, White African  
Daylily  
Densata  
Deutzia, Slender  
Dogwood, Cornelian cherry  
Dogwood, Flowering  
Dogwood, Red twig  
Dumbcane, Giant  
Dusty miller  
Ellen Danica  
Emerald mound  
Eranthemum, Purple false  
Escallonia fradesii  
Escallonia rubra  
Euonymus fortunei  
Euonymus, Spreading  
Euryops pectinatus  
Euryops, Franser  
Evergreen, Painted  
Evergreen, Silver Queen  
Evergreen, Treubii Ribbon  
Fastadiata  
Fatsyhedera  
Fern tree, Desert  
Fern, Sword  
Fig, Creeping  
Fig, Exotica weeping  
Firecracker  
Firethorn, Mojave  
Firethorn, Variegated  
Firewheel tree  
Fir, Concolor  
Fir, Douglas  
Fir, Noble  
Flaviramea  
Forsythia intermedia  
Forsythia sp.  
Forsythia x intermedia  
Forsythia, Weeping  
Froebell  
Gardenia, dwarf  
Gardenia, Tahitian  
Gay-feather

Gazania gold rush  
Gazania uniflora leucocleana  
Geranium  
Geranium, Ivy  
Gimlet, Narrow-leaf  
Gladiolus x hortulanus  
var.:  
Debbie  
Jennie  
Stargazer  
Gold drop (Potentilla f.)  
Gold drop (Physocarpus f.)  
Gold flame  
Gold tip  
Grapefruit  
Green palo verde  
Green stone crop  
Gum, American sweet  
Gum, Desert  
Gum, Red  
Gum, Red box  
Gum-barked coolibah  
Hahaii  
Hawthorn, Indian  
Heather, Scotch  
Hemlock, Eastern  
Hen and chickens  
Hesperaloe parviflora  
Hetzi  
Hibiscus, Chinese  
Hollyhock  
Hollywood  
Holly, American  
Holly, Dwarf Buford  
Holly, Fosteri  
Holly, Japanese  
Holly, Meserve  
Honey Locust/Shade master  
Honeysuckle, Bush  
Honeysuckle, Cape  
Honeysuckle, Morrow  
Hopseed bush, Purple  
Hosta, Variegated  
Hydrangea, Oakleaf  
Hydrangea, Panicle  
Ice plant, Purple trailing  
Ice plant, Red spike  
Ice plant, Rose  
Inkberry, Compact  
Iris sp.  
Ironwood  
Ivy, Algerian  
Ivy, English  
Ivy, Sword  
Ivy, Hahn's  
Ixora  
Jacaranda  
Jackmanni  
Jacobinia ghiesbreghtiana  
Japanese snowball  
Jasmine, Asiatic  
Jasmine, Star  
Jessamine, Carolina  
Jojoba  
Judd  
Juniperus procumbens  
Juniper, Blue vase  
Juniper, Gold coast  
Juniper, Nicks compact  
Juniper, Sargent  
Juniper, Shore  
Keteleeri

Lalandei  
Lantana, bush  
Lantana, Purple trailing  
Laurel, Indian  
(F. microcarpa nitida)  
Laurel, Indian (F. nitida)  
Lavender cotton  
Leptospermum laevigatum  
Ligustrum, Wax  
Lilac, James McFarlane  
Lilac, Korean  
Lily of the Nile, Peter Pan  
Lily, Kaffir  
Lily-of-the-valley bush  
Liriope  
Liriope, Green  
Liriope, Variegated  
Magnolia, Star  
Mahonia  
Manila Ripple  
Maple, Japanese  
Maple, Norway  
Maple, Silver  
Marigold (Tagetes sp.)  
Marigold (Calendula sp.)  
Mesquite, Chilean  
Metallic plant  
Mexican indigo  
Mirror plant  
Mirror plant, Variegated  
Moneywort  
Moon Glow  
Morning-glory, Bush  
Mother-in-law's tongue  
Myoponium, Prostrate  
Myrtle  
Myrtle, Crepe  
Myrtle, Wax  
Nanum  
Newport red  
Ninebark, Dwarf 'Nanus'  
Oak, live  
Oak, Silk  
Ocotillo  
Odocanthus sp.  
Oleander tree, Yellow  
Oleander, Petite  
Oleander, Pink  
Oleander, Variegated  
Olive tree  
Olive, Russian  
Ongerops, Acacia  
Orange, Sour  
Oregon grapeholly  
Osmanthus, tea olive  
O'Connors legume  
Pachysandra, Japanese  
Pagoda flower  
Palibin  
Palm, Canary Island date  
Palm, Chinese fan  
Palm, Golden fruited  
Palm, Mediterranean fan  
Palm, Mexican fan  
Palm, Pygmy date  
Palm, Queen  
(Acrocastrum r.)  
Palm, Queen (Cocos p.)  
Palm, Sago  
Palm, Windmill  
Parsley panax  
Parsoni  
Passion vine

Pear, Bradford  
Pepin  
Pepper, Brazilian  
Pepper, California  
Periwinkle  
Periwinkle, Dwarf  
Philodendron selloum  
Philodendron, "Micans"  
velvetleaf  
Photinia  
Pine, African fern  
Pine, Austrian  
Pine, Black  
Pine, Canary Island  
Pine, Dwarf Swiss mountain  
Pine, Eastern white  
Pine, Mexican border  
Pine, Norfolk Island  
Pine, Ponderosa  
Pine, Red  
Pine, Scotch  
Pine, Western  
Pink clover  
Pink lady  
Pink weigella  
Pittosporum, Desert willow  
Pittosporum, Wheelers  
dwarf variegated  
Plumosa (Juniperus h.)  
Plumosa (Chamaecyparis p.)  
Plum, Natal  
Polystichum capense  
Primrose beauty  
Privet, California  
Privet, Texas  
Pygmy, Crimson  
Pyracantha graberi  
Pyracantha, Lodense  
Radiator plant  
Raspberry ice  
Red bud  
Red fountain grass  
Rheulla californica  
Rhododendron "Gable"  
Hybrid" var.:  
Elizabeth Gable  
Purple splendor  
Rose greely  
Rhododendron catawbiense  
var.:  
Chionoides  
rhododendron  
English roseum  
Lees dark purple  
Purple elegans  
Roseum elegans  
Roseum superbum  
White catawba  
Rhododendron formosa  
Rhododendron obtusum  
var.:  
Amoenum  
Coral bells  
Rhododendron spp.  
var.:  
Blaauw's pink  
Boule de neige  
Delaware Valley white  
Fashion  
Gibraltar  
Girard's rose  
Gloria

Greeting  
Gumpo pink  
Gumpo white  
Hahn red  
Herbert  
Hino red  
H. H. Hume  
Kaempo  
Kluis sensation  
Masasoit  
Mother's Day  
Pericat  
Pink pearl  
President Lincoln  
Prize  
Purple Gem  
Red ruffle  
Red wing  
Road runner  
Rosebud  
Royalty  
Rutherfordiana  
Constance  
Salmon spray  
Snow  
Stewartstonian  
Sweetheart  
Tabor  
Tradition  
White cascade  
Rhododendron yedoense  
Korean azalea  
Poukhanense  
Rock rose  
Rose  
Rose, Tea hybrid  
Rosemary dwarf  
Royal beauty  
Rubber tree  
Sage, Texas  
Salibush  
Salvia greggii  
San Jose  
Sandwort  
Scarlet firethorn  
Sedum  
Sedum x rubrotinctum  
Siebold  
Silver King  
Skandia  
Snow in summer  
Spider flower  
Spirea, Billiard  
Spirea, Crispa

Spirea, False  
Spirea, Snowmound  
Sprenger  
Spruce, Black Hills  
Spruce, Blue  
Spruce, Dwarf Alberta  
Spruce, Norway  
Spruce, Serbian  
Strawberry, Ornamental  
Swamp immortella  
Sweet William  
Thuja occidentalis  
var.:  
Emerald green  
Globosa  
Pyramidalis  
Techny  
Techny American  
arborvitae  
White cedar  
Woodwardii  
TI  
Tomentosum  
Torulosa  
Viburnum (V. japonicum)  
Viburnum  
(V. x rhytidophylloides)  
Viburnum, Doublefile  
Viburnum, Sandankwa  
Viburnum, Compact  
cranberrybush  
Viburnum/willowwood  
Vicari  
Waffle plant  
Wandering Sally  
Welleri  
Willow, Australia  
Willow, Tortuosa  
corkscrew  
Willow, Weeping  
Witchita blue  
Xyloasma senticoso  
Yarrow, Common  
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Yaupon, Dwarf  
Yaupon, Tall  
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Yellow bells  
Yew pine  
Yew, Dense  
Yew, Hicks  
Yew, Japanese  
Yew, Thayeri  
Yucca  
Zinnia sp.



## LANDSCAPE MANAGEMENT

### LEGISLATION

# New lawn council meets with EPA representatives

WASHINGTON, D.C. — Better communication between the Environmental Protection Agency (EPA) and the lawn care industry was a chief topic discussed during a recent meeting in the nation's capital.

The meeting between PLCAA's newly-formed Council for Lawn Care Information and EPA officials was especially timely in light of recent activism against and legislation regulating the use of pest control chemicals in many states.

Those present at the meeting included Jim Wilkinson, PLCAA's director of environmental and regulatory affairs; Bob Earley, publisher of *Lawn Care Industry* magazine; and various LCOs, university experts, manufacturers,

formulators and distributors.

The meeting included a discussion about whether or not LCOs would be included in agricultural worker protection standards currently being promulgated. The lawn care industry would like input on these standards, and would like to see distinctions made between mixers, loaders and applicators.

Depending on the toxicity of particular pesticides, there might someday be three levels of certification required. Some products would be applied only by certified applicators, others would require an on-site supervisor and others would require a supervisor be available within a reasonable time of application. □

### MORE LEGISLATION

## PLCAA challenges new local ordinance in Mayfield, Ohio

COLUMBUS, Ohio — The Professional Lawn Care Association of America (PLCAA) has filed in the U.S. District Court of Ohio challenging a local ordinance on constitutional grounds.

The village of Mayfield had passed an ordinance requiring lawn chemical users to notify abutting neighbors when they planned to spray lawns and to tell them the type of chemicals being used.

"The industry is not opposed to reasonable, sound regulation, and we're not opposed to further regulation in the state of Ohio," says PLCAA's Jim Wilkinson. "However, there are some 88,000 local governments in the United States, and if each of those governments decided they wanted to regulate the lawn care industry, it would create ab-



solute chaos."

The PLCAA is asking that Mayfield be permanently restricted from enforcing the ordinance and that it be prohibited from passing similar ordinances.

The association believes that the Federal Insecticide, Fungicide and Rodenticide Act established that only states or the federal government could regulate pesticide use. "Mayfield Village," reads the suit, "by purporting to regulate pesticide use, violates the Supremacy Clause of the U.S. Constitution."

Sign-posting regulations took affect across Ohio on June 1. They prohibit lawn

service companies from applying pesticides to residential lawns in any municipality or subdivided area of a township without meeting certain requirements.

Requirements include written notification to the property owner listing the pesticides applied and other information.

Companies are also required to make a reasonable attempt to notify residents of adjacent property prior to an application, providing the neighbor has asked the company in writing to provide such notification.

Such proposed legislation is not unprecedented. In 1984, the city of Wauconda, Ill. unsuccessfully tried to pass the same type of laws that would, in effect, pre-empt the FIFRA laws. □

### TREES

## 'Waggle' damage examined in U.K.

LONDON, England — Scientists here are seeking ways to minimize tree damage caused by high winds.

Wind damage results in the loss of hundreds of thousands of trees each year in the United Kingdom, representing approximately 13,000 forest acres.

Dr. Ronnie Milne has been leading a research team at the U.K. Natural Environment Research Council's Institute of Terrestrial Ecology that could have applications in the U.S.

Milne reports that 40 mile per hour winds combining with the trees' natural swaying motion results in extreme movement, or "waggle."

Milne and his associates are constructing mathematical models of how trees bend in the wind in order to find ways to reduce the losses due to wind damage. According to Milne, site selection, soil depth, spacing and drainage all affect the trees' wind survivability. □