

"When I bought this John Deere tractor, I wasn't sure it would be big enough to do the job."

When E. J. Stringer decided to buy a tractor for his construction business, he started by looking at some pretty big tractors. Which was only fair, considering the kind of work he had in mind.

"We do heavy mowing jobs, industrial cleanup, but mostly all kinds of leveling" says Stringer.

All big jobs. So he compared big-tractor features and finally got down to the big-tractor price.

"We just couldn't afford a big tractor," says Stringer.

So he bought a John Deere 950 Diesel.

Says Stringer of his purchase, "I thought at the time it might be a little bit too small, but the 950 worked out just fine."

Big enough to do the job
The fact is, all John Deere
Compact Utility Tractors are big
enough to handle many construction and most landscaping jobs.

Whether you try the 950 Tractor with 27 PTO hp, the 850

with 22 PTO hp, or the 1050 with 33 PTO hp; they have the power you need for mowing, landscaping, loading, backfilling, and just about any other job you want to do.

They're well built, affordable tractors that just keep going.

Big-tractor features

To look at them, John Deere Compact Utility Tractors don't seem that big. Nonetheless, they have features you usually find only on bigger tractors.

Like liquid-cooled, wet-sleeve diesel engines that are fuel efficient.

The transmission has 8 forward speeds. Starting with a gear that lets you "creep" along at less than 1 mph, to a transport speed of around 12 mph.

There's a 3-point hitch (Category 1), 540-rpm rear power takeoff, differential lock, an adjustable drawbar, and more than 20 power-matched attachments.

And, you can choose highflotation turf tires or tractiontread tires. Tractors that can take it

Of course, like all John Deere Tractors, these are built to withstand a lot of hard work.

"We haven't had any trouble with our 950 yet," says Stringer.

Ask your John Deere dealer for a demonstration. See for yourself how solidly they're built. How smoothly they run. How simple they are to service. And how much work they can do.

We think you'll see why the E. J. Stringer Tractor Service Company decided that a smaller tractor was big enough.



Nothing runs like a Deere*

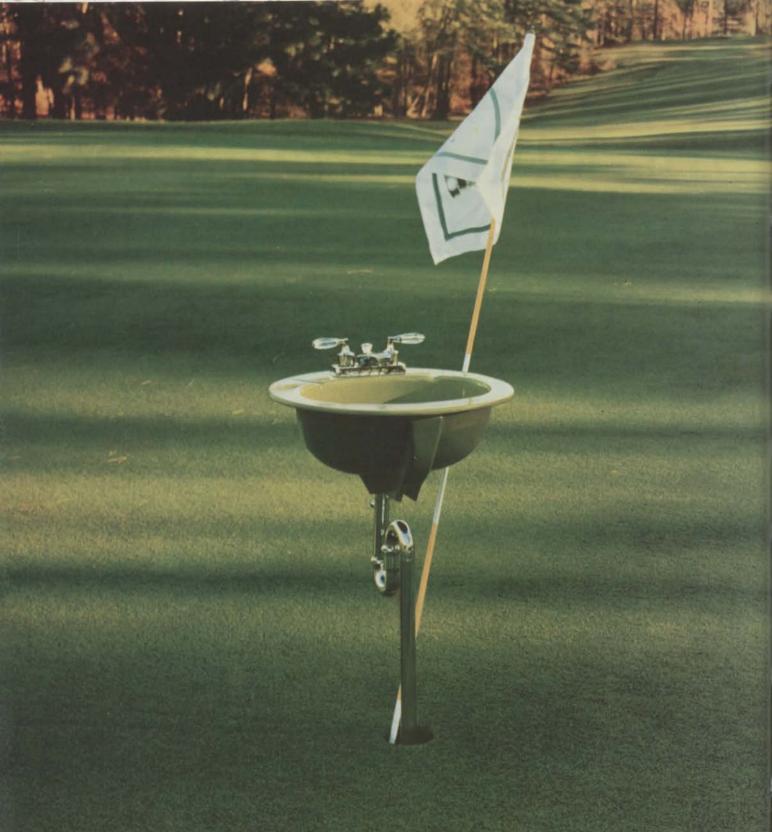
For more information, write John Deere, Dept. 67, Moline, Illinois 61265.

*Maximum PTO horsepower at 2600 engine rpm for the 850 and 2400 engine rpm for the 950 and 1050 by official test.



The Task-Master Tractors from John Deere

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DURSBAN 2E is the one insecticide that works. DURSBAN* 2E Insecticide is ideal for broad spectrum, multi-purpose insect control everywhere around the club. Outside, DURSBAN 2E gives you unsurpassed control of turf pests like chinch bugs, sod webworms and cutworms, plus ticks, chiggers and mosquitoes. It even wipes out bagworms and many other ornamental plant pests. In-

side, it cleans up the toughest roach problems, and keeps working to rid your buildings and restaurant areas of insect pests. Ask your supplier about the one insecticide that really works, DURSBAN 2E. Just be sure to follow all the directions and precautions on the label. Agricultural Products Department, Midland, Michigan 48640. DOW CHEMICAL U.S.A. Dow



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Cover: Drainage installation at Anaheim Stadium. Photo courtesy of Melvin Robey.



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OUTLOOK

By Bruce F. Shank, Editor

There are very few people that have not felt some discomfort from today's economic climate. The elections turned out to be the way voters vented their up-to-then quiet frustrations. Bureaucratic inefficiency is no longer an acceptable excuse for rising taxes, higher prices, layoffs, and counterproductive interest rates. Someone must be accountable, not something.

Company executives have been forced to deny excuses by subordinates and to make changes in management. The sense of security in many companies has dropped greatly as changes are made almost weekly. Certainly the mood of employees and executives is different from the days of financial comfort.

Unfortunately, the feelings of distrust and disloyalty may only extend the negative effects of a bad economy for the company and the employee.

Basically, it gets down to the fact that accountants have to establish a dollar value to each employee in order to manage corporate resources. This value is based upon output and income generated by the individual. What may not be considered, however, are the other values of the person not reflected in the balance sheet. Intangible benefits such as the employee's good influence on other employees may be overlooked if the decision to change the person is made directly from the columns of a balance sheet.

Furthermore, had some managers paid closer attention to both the balance sheet and employees some of the financial strain might have been avoided or at least handled in a more sensitive way.

Employees should recognize that if layoffs are emminent due to market conditions, they are also painful to the person doing the laying off. Everyone feels some pain. At this time, the best thing anyone can do is to consider the other guy's position as well as your own. You are bitter at the boss and the boss is bitter about the market. You both feel that matters have slipped out of your control and you are exposed

and vulnerable. Most likely, some of this pressure is finding its way home causing additional strain.

If you work for a large company you should realize that size is often a cause for less individual attention. The structure of the large corporation has only so much flexibility. You can't realistically expect to receive the same concern from a large corporation as from a small one. It is a risk you take to gain the benefits of a large corporation, such as stability, income, and fringes.

Working together with management is not impossible. During the Depression, William Danforth, president of Ralston Purina, paid his valuable employees in stock instead of money. They were hungry then, but 30 years later most of those employees were millionaires. There are ways to protect a company and its jobs if management and employees work together. And when the economy does recover, the company's recovery will be much simpler.

WTT

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Your search for a high capacity mower encompassing a one man operation is now concluded. The Hydro-Power 180 with it's 15 foot hydraulically driven rotary mower has a mowing capacity of up to 11 acres an hour while incorporating rear wheel steering for maximum maneuverability. Cutting units are designed for maximum floatation and may be used individually or in any

combination of the three. There is a 2-range hydrostatic transmission which affords mowing speed as well as transport speed to insure minimum travel time between the job sites. The Hydro-Power 180 offers year-round versatility with a 2-stage 66" snow blower and heated cab.

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GREEN INDUSTRY NEWS

Safety reg for mowers poses market problems

Severe disruptions will occur within the lawn mower industry because of the recent decision by the Consumer Product Safety Commission to deny an extension on the effective date of a new federal safety standard, according to Dennis C. Dix, executive director of the Outdoor Power Equipment Institute.

Confusion will hit the marketplace, Dix says, because the availability of a reliable brake/clutch device is still in doubt, especially by the Dec. 31, 1981 compliance date. Power mowers manufactured after that date must comply with the requirement that the blade stop within three seconds after a user leaves the operating position.

"We were extremely disappointed in the Commission's decision," said Dix. "The industry is conducting an all-out testing effort but manufacturers must begin tooling immediately to meet the standard, and because many companies are not close to having a reliable device, they are faced with the very real possibility of going out of business

A product service training certification program has been established by Jacobsen to teach students proficiency in turf care equipment maintenance and repair. Students receive award certificates and product service patches by completing each of three levels of training. Ralph Sylvester, Jr. (right) manager of product training, explains operation of greens care equipment at a previously held program.

or dropping their walk-behind line of mowers."

A spokesman from Jacobsen echoed Dix's remarks. He said the company knows of various companies who are working on the device, but nobody yet has it perfected. Compliance will raise the cost of Jacobsen mowers an estimated \$40 to \$60.

A Toro spokesman estimated the same increase in price after the brake/ clutch device has been installed. Toro does not anticipate any difficulty in obtaining the extra hardware, mainly because the company is developing its own.

Dix noted that the effective date of the regulation falls in the middle of the industry's normal production year with the result that the consumer will be offered a choice between complying and non-complying mowers in the marketplace for the 1982 mowing season. Of course, the non-complying will be cheaper, pressuring sales of the major mower companies.

GATHERING

Northeast nurserymen combine meetings

The recent experiment of the Massachusetts and New England Nurserymen's Association to combine their summer meeting was a tremendous success, drawing 800 people.

Beautiful weather, well-organized activities, exhibitor displays, and an attractive site—Weston Nurseries, Hopkinton, MA—contributed to the day's success. Weston, the largest wholesale grower in Massachusetts with 500 acres under cultivation, is well-known for introducing new varieties of plants and experimenting with different methods of growing. The boards of directors of the two associations decided to combine the two meetings since they had been held previously in the state a week apart. Their success indicates this event will likely occur next year.

TURF

Golf Show will top all past in exhibit space

The Golf Course Superintendents Association of America's 52nd International Turfgrass Conference and Show has already filled more exhibit hall space than any previous meetings in the group's history.

This year's meeting, scheduled for the Anaheim Convention Center Jan. 24-30, starts with a preconference golf tournament on two of the West Coast's best golf courses. It continues with seven preconference seminars, three days of education sessions, the USGA Green Section's Turfgrass Conference, and a golf course tour.

Preconference seminars will run Jan. 24-25 and concern nutrition, disease, insect identification, irrigation, management, cardiopulmonary resuscitation, and photography. The show itself is scheduled for Jan. 27-29 and will feature more than 70,000 square feet of exhibit space filled with equipment, products, and services. Throughout the week, experts in turfgrass, equipment, and related fields will speak.

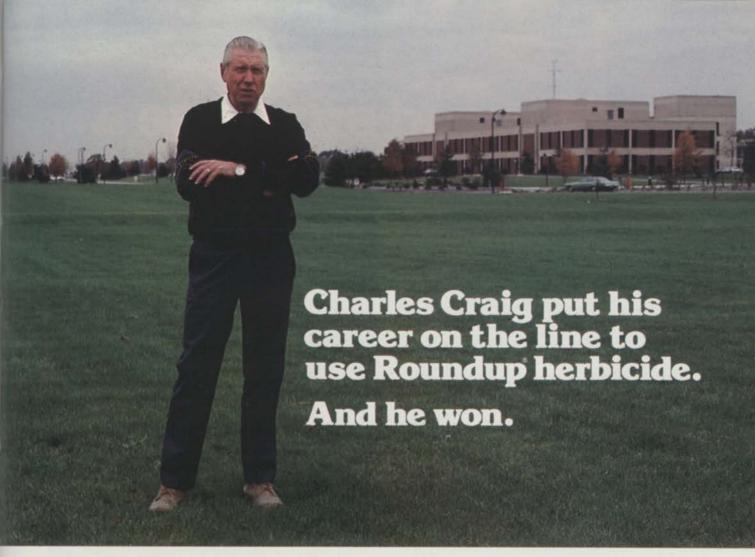
GCSAA has planned a ladies program, social events, such as a trip to Disneyland, and a seven-day tour of Hawaii after the show. For more information, contact GCSAA Headquarters, 1617 St. Andrews Drive, Lawrence, KS 66044, 913/841-2240.

PESTS

Study shows severe gypsy moth damage

Gypsy moths defoliated Northeast trees growing on 5.1 million acres of land from Maine to Maryland this year,

Continues on page 12



When Charles Craig decided to renovate 35 acres of this college campus with Roundup® herbicide in 1977, he knew that if it didn't work, he'd probably have to "hide under a rock."

But, fortunately, Charles didn't have to go into hiding because just 7 days after he applied Roundup he was able to reseed right into the dying grasses.

"Yes, I put my career on the line, but I felt all along that Roundup was going to work," Charles says. "There was no doubt in my mind."

As horticulturist for Mercer County Community College in Trenton, New Jersey, Charles Craig depended on Roundup for the broad spectrum control he needed for tough grasses like quackgrass, orchardgrass, tall fescue and others. And since Roundup has no residual soil activity, he was able to reseed in a matter of days.

"Seed germination was terrific, especially with the weather we had," Charles told us. "Everyone always says it looks nice."

Charles still uses Roundup for touch up jobs around cracks in the pavement, parking lots, buildings, tree bases and flower beds. Taking precautions against spray drift, Charles has no fear of harming surrounding vegetation with Roundup.

Charles Craig is convinced that Roundup works, and he has 35 acres of beautiful turf to prove it. To see how it can work for you, reach for Roundup where you buy chemicals.

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