FOCUS: ELECTRONIC RESOURCES Web Marketing of Turf: Beyond the Electronic Billboard

Whether you design your own website or hire a professional web designer, there are several elements that must be incorporated if the site is to be an effective marketing tool. Dr. Phil Busey discusses those in this article.

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hen 1 first designed web sites in 1997, after decades of working with computers, it was still a challenge. I had to start with one of the "Dummies" guides. After some bumps on the digital road, the web has become a valuable tool for me to deliver education to students. Equally important, it has helped market a program.

Students find, through my websites, the University of Florida Turfgrass Science academic program. Besides student recruitment, the web has improved public relations with colleagues and research supporters, and is developing a community of people interested in better turf and who appreciate its environmental role.

My two most popular websites each generate over 500 visitors per day, and hundreds of users have subscribed to and/or registered for turf information exchanges, including mailing lists and the on-line Turfgrass Forums located at <u>http://turfgrass.com</u> (see inset). This is all about teaching the science of turfgrass, but the activity is marketing.

I have learned valuable lessons that apply to marketing sod as well as to education. I hope this experience can help cut your costs of web development and maximize the usefulness of websites in the business of turf. Unfortunately, the vast majority of sod websites repeatedly fail minimal tests of usability (see inset), thus we should ask, "Why bother?"

Marketing is About Relationships with People

Despite all the bells and whistles, the HTML, the servers and the databases, effective marketing comes back to relationships with people. Marketing is the process of cultivating relationships to find out people's needs, and to shape a product to address those needs, which you will exchange for the satisfaction of both you and your customers.

If the web doesn't serve in some way to make happy customers, it's of little value. Unfortunately, the vast majority of sod websites are inadequate for marketing. They might as well be electronic bill-

boards, but even at that they do a poor job. They are mostly sluggish, uninformative and don't do a good enough job of branding your products. You and

your colleagues in sod production are apparently doing a great job of marketing in the real world, but (with some exceptions) the websites do not yet show the same care and attention.

Web Basics

The web is the accumulated total of all linked documents throughout the world. By "document," I mean text, images and programs that can write text and images.



A "link" or "hyperlink" is like a footnote or reference in a document that points to another document or a place within the same document. When your web visitor chooses to "click a hyperlink" in your website, a new text document and images are transported to the client's computer, and she can read new information on her computer screen.

"The links within your website can lead potential clients to helpful information, still keeping them within your website."

> Other forms of communication generally do not "hyperlink," that is, generally do not give the client direct and immediate access to related information.

Hyperlinking makes the web powerful. Links bring visitors to your web site, based on listings in search engines. The links within your website can (or should) lead potential clients to helpful information, still keeping them within your website. This goodwill is the start of a rela-

tionship. In time, the links will lead clients to possibly telephone you for an order for sod or other turf products, or better yet, make an instant on-line purchase if your web site has some kind of shopping cart system.

Unlike direct mail and many other forms of advertising, the website is relatively non-intrusive and, once the site is properly designed and created, it works for the turfgrass producer 24-7, and is relatively inexpensive to maintain.

Sod Website Usability Survey

To assess the status of sod websites, I conducted a usability survey. A sample of 20 sites was randomly generated from a population of 422 websites, representing all listed

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members of the Turfgrass Producers International. I restricted the samples to include only producers of sod in the US, and eliminated the 26 percent of sites that were no longer operable, either because they did not exist on any server, or consisted only of a single parked page. Only "domain name" sites (e.g., dot-com, dotnet, etc.) were included.

All sod websites failed at least three specifications, and 75 percent failed five or more of the 12 beginning specifications.

Sod websites were tested for 12 beginning specifications, including minimal information about the company (address, phone number, and pricing), and minimal web function (small home page size for fast download, links not broken, etc.).

Other specifications were included that would be important for actually driving visitors to your site, e.g., having more than five pages on the site, and having hidden keywords to assist search engines in indexing the site. Websites were scored for the presence or absence of helpful content, which would help a website attract visitors and benefit sod buyers.

Another specification was the presence of obvious navigation from page-to-page,



Turfgrass Forums at <u>Turfgrass.com</u> functions as an on-line help service. Pages generated by questions and answers from visitors are accessible through search engines, therefore the site generates new pages, and this brings in more traffic. Even misspellings written by visitors bring in traffic.

to help visitors find their way through your site. Based on the random sampling and within the limits of statistical accuracy, the results are an unbiased estimate of web performance of all sod websites in the US.

The results (see inset) show widespread problems. All sod websites failed at least three specifications, and 75 percent failed five or more of the 12 beginning specifications.

Sluggish home pages were a
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common problem. The average
pag

home page weighed in at 99 KB
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(kilobytes), which would mean
souther southe

more likely "Go Somewhere Else."

Most sod websites (60 percent) lacked a combination of hidden keywords to help search engines index the sites, and distinctive page titles. Search engines use hidden words, as well as the prominent "page title" that appears at the top of the browser window, to classify websites.

When your website home page is called "Home" or "Home Page," that gives the search engine no information that the site is about you or is about sod. A significant proportion of sites (30 percent) was not listed on the largest search engine, Google.com, even though it's free to submit to.

While not all sod producers may want to put pricing information on their web-

> sites, an amazing few websites did not mention in what state, province, or country their farms were located!

Some sod websites were pretty, but most did not obviously "brand" the whole site with distinctive text and an image that would be different from others. Only one website of those sampled, <u>http://triangleturf.com</u> (see inset) passed nine out of 12 specifications.

Advanced Websites

The web is stateless, which means you don't have a direct connection to your web visitors.



The home page of <u>TriangleTurf.com</u> is readable, uncluttered and has plenty of white space. There were 12 pages, with detailed content to help customers. Although <u>TriangleTurf.com</u> was the best in the survey, as with most sod websites it did not list pricing information, and there were two minor HTML errors that would not affect browser performance. At the time the site was evaluated, all subpages had broken links to the home page, a repair that would take less than 10 minutes to fix.

Unlike customers standing in line to have their trucks loaded with sod, there is no immediate way of telling one web visitor from another. But there are advanced ways to get around this problem, and they include cookies and/or hidden tags on dynamically generated pages. These "work-arounds" allow websites to have a "shopping cart" to hold a list of products, and then a checkout system.

The checkout collects delivery destination and payment information, and finally provides a method to validate the information and send it to you or to a third party for fulfillment of the customer. This is not different from the "real" world except it can work 24-7, for the convenience of the customer, and for the enhancement of your market.

There are off-the-shelf shopping carts that can be adapted to an existing website if your hosting has a secure server. There are third-party sites that can handle the ordering for a fee. Very few sod websites in the world have an on-line ordering system, and none of the sites in my survey had one.

Some advanced websites read from organized, stored data (databases). Advanced websites interact dynamically with web visitors, which may deepen relationships with people, and encourage repeat web visits. You could even have different pricing schedules for different customers, depending on their history with

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you. Keeping in mind the issues of security and privacy, such systems can reach out to a different type of customer than you may be serving at present.

There are other advanced ways to generate traffic including on-line discussion forums, news, spray calculators, redirection of traffic from other websites, and an effectively managed periodical mailing list.

Because of the perishability of sod and its limited range of distribution, turfgrass producers have not been in the forefront of on-line sales or marketing. That is expected to change with the merger of turfgrass producers, the increasing number of backhaulers who are using the web to plan their trucking routes, and the increasing sophistication of the buyers.

Websites sometimes get into trouble by being too "advanced," using cutting-edge tools that are not universally compatible in all operating systems. Some of the things that get web designers in trouble are Java (which is distinctively different from JavaScript), Flash, frames and scrolling text (whatever the implementation).

Marketing Sod on the Web

Marketing is more than sales, advertising, promotion and public relations. Marketing is about coming back to the customers' needs, again and again. Your web designer can help you sell your products on a website, without knowing anything about the product. However, he may not necessarily do a good job of it without help from the turfgrass producer who knows the existing market.

A simple tool such as analysis of access logs will tell you how visitors found your website. Access logs record the keywords, the search terms, that people used to find your site. By analyzing the kinds of things people are asking for, you may get a "heads-up" on marketing possibilities. By seamlessly tracking web visitors (while respecting their privacy rights), you may determine which web marketing approaches are most effective for generating sales.

The website can help you position your products relative to your competition's. It can integrate well with other marketing tools which include print media, radio, word-of-mouth, testimonials, a smile and a handshake.

Website Specification	Explanation
Pricing information	Price of sod should be listed on the website, ideally, to bring customers who like to shop.
Home page bandwidth < 45 Kb	This relatively small digital weight of the home page (including images) will enable 12 seconds down load time over fast modems; larger pages would be much slower.
Valid HTML	There should be no open tags, missing HTML elements or other coding errors. While some "work-around" errors are not significant, others will cause browser compatibili- ty problems. Some web authoring tools write notoriously bad code.
Keywords in metatags, page titles	Appropriate keywords must be placed in hidden metatags to assist search engines in indexing the site; webpages must each have a distinctive title, for the same purpose.
Helpful content	The sod website must go beyond describing the product to actually tell the client something useful, e.g., how to install and care for the product.
Site pages >5	Multiple web pages must be used to attract a higher number of visitors, and provide information.
Navigable	The home page must prominently display links to the subpages, and the subpages have links back to the home page and to one another.
Links unbroken	Every hyperlink on the site must lead to an existing page elsewhere on the website or (rarely) to another website.
Branding	The brand identity of the turfgrass producer must be obvious on each web page, through text headings and a graphic image.
Contact information	The address of the turfgrass producer, including the state or province where the sod farm exists, preferably also the country, and a phone number, must be easy to find.
Browser displays page so they are readable Domain accessed directly or as www	The web pages must not have major design errors, so text does not disappear underneath images, and there are no other glaring page design errors. The web site visitor must not have to type "www." as part of the web address; just typing the domain name should be sufficient.

Unless you set up an on-line ordering system, a website will not make all the difference in the world, but it can support and enhance other efforts. You may have some customers who will never use it, many customers who will look at your website just once, and others who use it extensively.

Most business people probably do not need to know the difference between HTML and XHTML to make good use of the web for marketing turfgrass. But they should be more involved to determine if their website is functional, especially when accessed over a modem.



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FROM THE TPI PRESIDENT Tom

Keeven

By now, you should have received the new CD that TPI—in conjunction with ITPF—have developed for members to use in educating the public about water conservation and the benefits of turfgrass sod. If you haven't already done so, take a few minutes to review its contents and consider how you can use it to become pro-active.

You'll find the CD contains two complete PowerPoint WATER RIGHT presentations—plus simple instructions—and, all of it really is easy to use. The two complete presentations are targeted at educating varying audiences:

 Green Industry PowerPoint Presentation ... for audiences involved in the design, installation, maintenance of landscapes or those who produce plant materials... professionals who share many of the same waterrelated concerns.

 Policy & Users PowerPoint Presentation...for water policy decision-makers or others interested in water-use generally and landscape water-use specifically offers more scientific background and information related to water use and its environmental benefits.

As your president, I urge you to take an active role by presenting this information to as many people in your area as possible...as quickly as possible. Again it's up to us, as turfgrass professionals, to get solid information into the hands of users and decision makers.

I'd like to take a moment to once again thank the people on the Water Right committee. This is a very dedicated group of producers who worked hard, along with the TPI staff, in the development of these tools to better the turf industry. Among all the organizations I've belonged to in the past I've never witnessed such commitment. Thank you!

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TPI STAFF COLUMN Doug Fender

For the past couple of years, ITPF and TPI have devoted a lot of resources (including significant contributions from many members) to a single subject...water. Some people may be of the opinion that the organizations have become too focused on this single issue. Let's talk.

First, I'd ask everyone to look through this and past issues of Turf News magazine to see the breadth and depth of topics covered that are not water.

Next, look at the past and upcoming TPI meetings. While there has been attention paid to water, it has not been exclusive. The Program Planning Committee works for balance.

But most importantly, think about a basic reason the organizations exist...to help keep all members abreast of the latest factors that could impact or influence the success of their operations. Nothing can be more important than water, or more precisely, the lack of water.

Throughout much of the world, and particularly large segments of the U.S., severe droughts are taking place and expected to continue. Droughts can be devastating, but typically they are relatively short-lived. Its the longterm water-use policies arising from drought reactions that can cause greater problems for turf producers and those firms that provide them with equipment and services.

At a recent national drinking water symposium, keynote speaker Senator

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