Not Just A Herbicide Company Anymore!

PBI/Gordon's professional product line includes insecticides, plant growth regulators, plant nutrient supplements and anti-transpirants, as well as the industry’s best broadleaf herbicide options for turf!

You can count on PBI/Gordon to develop optimum turf product formulations that meet real world needs and to provide the services and product stewardship that keep our industry strong.

Q4® Turf Herbicide for Grassy & Broadleaf Weeds—the “Army Knife” of Herbicides gives post-emergent yellow nutsedge suppression, crabgrass control plus broadleaf weeds—FAST!
- Fast crabgrass and foxtail control
- Superior yellow nutsedge suppression
- Rapid desiccation and death of broadleaf weeds
- Highly selective on cool-season turf grasses
- Rainfast in six hours
- Suitable for applications up to 90°F

Surge® Broadleaf Herbicide for Turf provides the fastest broadleaf weed control—fast.
- Controls spurge and other warm-weather weeds such as knotweed, plantain, oxalis, clover and dandelion
- Suppresses yellow nutsedge
- Applications can be made up to 90°F without loss of efficacy or speed
- Up to two times faster than other amine products. Fast visible response reduces call backs

SpeedZone® Broadleaf Herbicide for Turf provides the fastest broadleaf weed control ever!
- Exceeds in cool-weather weed control
- Extended application window
- Rainfast in as little as three hours
- Reseed in two weeks
- Low-odor formulation

FeRROMEC® Liquid Iron plus MICROS—Nutrient and mineral supplements for maximum plant health.
- Provides macro and micronutrients essential to plant health
- Corrects chlorosis due to unavailability of iron or other micronutrients
- Chelated iron readily available
- Non-staining formula
- Tank-mix compatible with most turf care products

Stop insect damage naturally with Azatrol® EC Insecticide
- Unique low-odor formulation of azadirachtin
- Multiple modes of action, including IGR, anti-feedant and anti-ovipositioning, make it virtually impossible for insect resistance to develop
- Excels at caterpillar control including cutworm and armyworm
- Controls most chewing and sucking insect pests
- Low risk to beneficial insect populations
- OMRI listed organic product

Embark® T&D Growth Regulator—used to prevent Poa seedheads in bentgrass
- Best Poa annua seedhead suppression
- Most consistent performance
- Broader window of application
- Most economical seedhead suppression
- Most flexible application, single or split
Since 1954, Par Aide Products Co. has been providing the golf course industry with a superior line of golf course accessories. For a product to earn the Par Aide name, it must make superintendents' jobs easier, help them do it better or perform a service that makes them look good to the golfer. When describing our products, our favorite words are long-lasting, maintenance-free, dependable and value. We take great pride in having grown our full line of golf course accessories by listening to our customers and through innovation and acquisition. Here are a few of our latest offerings:

**ProTect Rake Handle**  
Our new, extra-durable, splinter-free rake handle has all the strength you'd expect from a traditional fiberglass handle and more. It features an extra-protective, long-lasting thermoplastic coating that dramatically reduces the chance of fiberglass splinters. Unlike non-coated fiberglass handles, where fibers can be exposed from prolonged weather conditions or small fractures, the ProTect's unique coating ensures the fibers will stay enclosed in any condition. Plus, the ProTect is flexible and fade resistant, offering the best UV protection of any other rake handle on the market.

**Accuform Turf Tools**  
Choose from these four new tools to help maintain your course and keep it in top playing condition. The **Accuform Profile Sampler** gives you an undisturbed soil profile, allowing you to easily view the root zone and thatch. The **Accuform Moisture Sensor** is the ideal gauge for measuring the differences in your soil moisture conditions throughout your course. The **Accuform Turf and Ball Mark Pluggers** feature hollow handles that can hold up to 12 plugs each. The Turf Plugger takes plugs 2-2/3-in. wide by 2-1/2-in. deep, while the Ball Mark Plugger removes plugs 1-1/2-in. wide by 2-1/2-in. deep.

**Core Buster Drag Mat**  
Our new Core Buster Drag Mat breaks up aerifying cores easier, faster, better. Made of durable interlocking polyethylene panels, it's rust free and safer on your turf than steel mats. The unique design lets you create a variety of sizes to best fit the job at hand, with one drag mat. Also works great for breaking up grass clippings, dragging in top dressing and working in seeds when over-seeding.

**Cast Aluminum Low-Profile Tee Markers**  
Designed for a more subtle, lower-profile look, these markers are made of powder-coated cast aluminum, with attached stainless steel spikes. Easy to paint and refinish. They'll add a classic, elegant look to your course.
With its innovative unequal disc slitting system, the OverSeeder is capable of re-seeding a football field or golf course fairly in minutes. The Speedseed has been completely redesigned, making it the most rugged, economical and efficient version to date. The new Speedseed 1600 is equipped with individual cast spiker rings that enable the operator to make turns while in operation, saving time and effort.

Verti-Seed 1204
The Verti-Seed's unique action first opens the turf using special oval-shaped discs followed by small chisels. The seed is then fed through the seeding funnel and released just above the slit, where the wind cannot blow it away. The seed is deposited in the furrow accurately and can be precisely adjusted to give you exact rates even for very fine seed, like bents and fescues. The furrow is then sealed by the seeding shoe. Each seeding element is independently sprung, enabling the Verti-Seed to accurately seed on any ground contour.

Level Spike
The Level Spike, with four optional knives and spoon tines, improves soil drainage. The rear roller assures a safe operation, and its adjustment sets the working depth accurately. The Level-Spike is built tough and can be operated at speeds of 8.7 mph or faster. The choice of available widths enables customers to match the machine to their tractor and their specific requirements. An optional hydraulic weight transfer system uses the tractor's hydraulics to force the tines into the ground, providing maximum aeration and drainage.

Verti-Knife 1800
The Verti-Knife 1800 is a multifunctional tool that uses four sets of cutting discs on a rotating cartridge at variable spacing and depths. It is the ultimate root zone management tool for all surfaces and can work at depths from zero to 6 inches at high working speeds. The Verti-Knife has five basic functions and positions. Simple and quick adjustments finetune the Verti-Knife for the right function and working depth.
At Syngenta, we invest heavily in research and development—a commitment that allows us to constantly enhance our offerings to meet the emerging needs of the golf course superintendent. We not only introduce new products, such as Tenacity™ herbicide, but we also continually improve our existing products, such as Daconil fungicide featuring SuperWeatherStik®. We also strive to make the job of the golf course superintendent more efficient with our leading portfolio of fungicides, called The Turf Essentials™. They are the basis of a comprehensive disease management program.

Syngenta continues to offer innovative programs such as GreenCast® (www.greencastonline.com), a web-based technology platform that delivers customized weather, pest and reference information directly to customers' desktops. There is also GreenPartners® (www.greenpartners.com), which allows purchasers of Syngenta products to accrue points that can be redeemed for business tools to help them improve operations at their courses.

For more information about the products featured below, as well as other Syngenta products and services for golf course management, please call 1-866-SYNGENTA (796-4368) or visit www.syngentaprofessionalproducts.com.

**Tenacity™**
Tenacity™ herbicide provides turf managers with a selective, systemic herbicide, with pre- and post-emergence grass and broadleaf weed control in several cool- and warm-season turf species. Tenacity provides the flexibility to control weeds in established turfgrass stands and is safe for turf seeds. This herbicide has a novel mode of action based on a naturally produced compound from the bottlebrush plant (Callistemon citrinus) that is absorbed by leaves, shoots and roots to rapidly translocate through susceptible plants.

**Turf Essentials™**
At Syngenta, we know that good turf conditions don't just happen—they are created. By treating golf courses preventively with The Turf Essentials™ combination-product strategy, superintendents have the cornerstone of a broad-spectrum disease control system. Concert®, Headway®, and Instrata® fungicides, along with the mainstay of all turf fungicides, Daconil®, give you a strong foundation of protection.

The Turf Essentials portfolio includes:
- **Headway fungicide**—A green and fairway fungicide with dual mode of action providing control of all major turf diseases. Headway can be used at a low 0.75 oz/1,000 ft² rate for cost-effective control for 14 days. Headway is highly effective at full rates for longer length of control.
- **Instrata fungicide**—Multiple modes of action for both contact and systemic protection. Broad-spectrum control includes anthracnose, dollar spot, gray leaf spot, summer patch and others.
- **Concert fungicide**—An ideal disease control product for the entire course with efficient and economical control of 13 prevalent turf diseases. Concert has a dual mode of action and is outstanding at low rates for dollar spot protection.
- **Daconil**—The No. 1 turf fungicide, with proven disease control. Daconil provides premium, proven leading-edge formulation technology and is effective in resistance management programs.

For more information about the products featured below, as well as other Syngenta products and services for golf course management, please call 1-866-SYNGENTA (796-4368) or visit www.syngentaprofessionalproducts.com.

**Daconil**, Headway®, Instrata®, Tenacity™, SuperWeatherStik®, and the Syngenta logo are trademarks of a Syngenta Group Company.

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Target Specialty Products is the West’s leading wholesale distributor of specialty agricultural chemicals, fertilizers, application equipment, services and education. Since 1969, Target has provided products and services to both the public and private sectors in the following markets: golf, landscape, nursery, professional pest management and vegetation management. Committed to quality through service, Target is ISO 9002 certified and provides specialized training and education programs, risk management, worker safety classes and regulatory compliance.

In achieving ISO 9002 certification, all processes and procedures throughout the company from customer service to shipping and receiving are documented. ISO 9002 certification ensures consistent, reliable service.

Target Specialty Products carries a complete product line of disease and pest management products and equipment including:

- Adjuvants, Wetting Agents
- Fertilizers, Herbicides, Insecticides, Fungicides, Soil Surfactants
- Soil Conditioners & Amendments
- Lake and Pond Herbicides, Algaecides and Colorants
- Spreader and Nutrient Management Products
- Spray Application Equipment, Parts and Accessories
- Personal Safety and Protective Equipment

Branch Offices

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**SACRAMENTO, CA**
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866-472-3695

**PORTLAND, OR**
13010 NE David Circle
Portland, OR 97230
877-827-4381
Founded on Quality
The Penn bentgrass family began in 1955, when Professor Burton Musser established a research and development program at Penn State University. His goal was to breed a creeping bentgrass that would withstand summer heat, crowd out Poa annua and other weeds, and tolerate disease. Toward those ends, he ultimately developed a variety that exhibited hybrid vigor, good seed yield, aggressive growth, disease resistance, tolerance of diverse soil types, successfully fills in divots, ability to thrive at low mowing heights and of course overall beautiful appearance and color—it came to be known as Penncross.

Musser's breakthrough bentgrass soon became the world's most widely used and successful variety of its type. In 1973, in an effort to maintain the impeccable integrity of the variety, the Penncross Bentgrass Growers Association was formed to be the exclusive purveyor of the variety. The Association then created Tee-2-Green Corporation to market Penncross, as well as the future Penn bentgrass varieties.

Built on Research
Over the last half-century, a wide range of turfgrass industry experts and organizations have compiled volumes of research data on the Penn bentgrass varieties. The studies range from NTEP-managed bentgrass trials representing all seed companies to university-sponsored research on a particular topic, to independent research carried out by golf course superintendents on site. The most recent results can be found online at www.tee-2-green.com/research.html.

In addition to building its reputation with research conducted by a wide range of organizations and individuals, Tee-2-Green also formed a partnership with Pure-Seed Testing, Inc. Founded in 1975, Pure-Seed Testing, Inc. operates one of the largest cool-season private plant breeding facilities in the world. The research company maintains and tests several putting greens featuring Penn bentgrass varieties at its locations in Hubbard, OR, and Rolesville, NC.

Thanks in part to the diligent research of Pure-Seed Testing, Inc., working with Dr. Joe Duich, the Penn bentgrass family has grown to include additional varieties, as well as improved versions of earlier varieties. Today, Penncross is joined by the likes of Pennegale II, PennLinks II, Penn A's & G's, Seaside II and a variety of additional blends designed to meet the varying needs of superintendents in every environment.

The latest variety to join the Penncross family is Crystal BlueLinks, a creeping bent with a bluish tint ideally selected for fairway and topping the 2006 NTEP fairway trials. Its superior growth characteristics, appearance and high quality make it the first choice of both high-end private golf clubs and small municipal courses.

Committed to Excellence
Tee-2-Green remains the worldwide leader in the bentgrass product offering, in part, thanks to the leadership of Bill Rose. Rose, who has been involved with the grass seed industry since the 1940s, together with the dedicated growers of the Penncross Bentgrass cooperative, established the highest purity standards for certified seed of .04% crop and .03% weeds and no objectionable weeds (except for Pennway marketed by Tee-2-Green). No other competing company can make that claim.

Today, all of the Penn bentgrasses from Tee-2-Green are rigorously monitored for quality from planting to final delivery. Only those Penn bent varieties that meet or exceed rigorous production and certification criteria can bear the Blue Tag, which verifies their purity.
Loveland Products, Inc. (LPI) is a uniquely positioned manufacturer of chemicals, fertilizers and seed offering a broad range of quality turf and ornamental products. The LPI portfolio of products is sold exclusively through UAP Professional Products and Western Farm Service via their dedicated and knowledgeable sales staff across the country.

**Regulas® 0-0-6**
Regulas 0-0-6 is a premium liquid formulation of plant growth activators and protein builders that gives turf maximum protection and recovery from environmental stresses. **REGULAS** contains 0.25% silica, concentrated humic and fulvic acids, kelp extracts, and amino acids combined with potassium and iron chelate. **REGULAS** will aid in bolstering the plant’s defenses against stress, and will assist in the development of a healthy, robust root system.

**SILSTAR® 0-0-26**
SILSTAR is a proprietary nutrient combination of phosphite and potassium silicate that offers a powerful combination of plant anti-stress components with various modes of action. Phosphite works to chemically stimulate plant defenses while silica works to physically harden the plant against disease, insect attack, and drought. **SILSTAR** is specifically designed to enhance plant quality.

**Feature® Professional**
Feature Professional is designed to build the truest turf color possible. With a one-to-one ratio of iron to magnesium for strong color plus manganese and zinc, the **Feature Professional** micronutrient package offers an agronomically sound, balanced supply of essential micronutrients for optimal plant growth, performance and color.

**Fully Chelated Micronutrient Package**
- 4% Fe (Derived from APCA & EDTA)
- 4% Mg (Derived from APCA & EDTA)
- 2% Mn (Derived from APCA & EDTA)
- 1% Zn (Derived from APCA & EDTA)

A fully driven reaction process guarantees the most effective quality micronutrients available. **Feature Professional** is a WSMG formulation that is a homogenous, virtually dust-free, water-soluble micro-granular that will not shake out or segregate with time.

**C-Alpha®**
**C-Alpha** is a liquid formulation of calcium, plant growth activators, and protein builders that provide turf maximum protection and recovery from environmental stresses. **C-Alpha** contains concentrated humic & fulvic acids, kelp extracts, and amino acids to help build plant defense mechanisms. Calcium is an essential micronutrient for strong cell wall development.

**StarLine® 18-3-6 (50% SRN)**
StarLine is a premium line of liquid fertilizers formulated with the highest quality materials. **StarLine** formulates a variety of NPKs as well as unique single element materials, using liquid methylene urea and other elemental forms to induce programmable and predictable growth based on plant needs. **StarLine** products can be tank mixed with a variety of pesticides and other nutritionals for safe use. Rest assured that StarLine products are designed with the lowest salt potential and correct pH for maximum plant safety. When safety and quality are demanded, take confidence with StarLine products.

**Prospect® Plus**
**Prospect** is a plant nutrient solution containing our patented root stimulant additive (ZAA). **Prospect Plus** contains a complete micronutrient package and a spreader for maximum foliar absorption.
Knowledge is power. But you can’t expect a weather station to tell you what’s happening underground. Now with RZ Wireless, you will know the precise levels of moisture, temperature and salinity in your rootzone 24/7, so you can micro-manage your water better than ever before.

Take water management to a whole new level.

- Moisture, temperature and salinity data transmits real time to your personal computer and is available online at a secure site, 24/7
- Patented technology provides improved precision and reliability
- Easy to install with only a cup cutter anywhere on the course

If you are considering the use of wireless soil monitoring systems, here’s something you need to know. A recently acquired license under a key U.S. patent (U.S. Patent No. 7,103,511) on wireless data transmission gives Advanced Sensor Technology exclusive rights in the field of commercial soil monitoring systems under that patent.

WARNING – Because companies without permission cannot legally sell or use wireless soil sensing equipment using this essential patented technology, using a wireless soil sensing technology other than RZ-Wireless is likely infringing on this key patent.

www.advancedsensors.com
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make your own stuff

For some reason, our son Miles got a skateboard when he was just about 3 years old. He thought it was cool, but I had to hold his arms as we wheeled around a skate park in our former home in Lawrence, Kan.

I rather hate to admit it, but I somehow thought — fueled by too much Tony Hawk Pro Skaterboard on XBOX — that my life-long pipe-dream to be a skater could be realized through my son. As usual, I was deluded, as I promptly hurt myself trying to ride his little board on a tiny half-pipe. I’m convinced that the teen skate punks in the vicinity still laugh about some old kook splayed out on their turf.

Miles would have me draw skateboards on large pieces of paper so he could pretend to do tricks in the house. One of my drawings featured a big, green robot that I named Roscoe. Roscoe, according to Miles, would deliver pizza to hungry skaters. Roscoe the Pizza Dude became a staple in our house. But Miles kept wanting Roscoe stuff — specifically a clock.

Now, I don’t know how to make a clock, but I do know how to use the Internet. And imagine my surprise when I found a place that would make a clock with my design.

WAL-MART DOESN’T SELL ROSCOE THE PIZZA DUDE CLOCKS

BY MARK LUCE

The place is called Café Press (cafe-press.com), an online store specializing in custom-made gifts of all stripes — including clocks, T-shirts, mugs, hats, magnets and greeting cards, to name a few.

I downloaded a template, drew Roscoe in Adobe Illustrator, uploaded the image and paid $11. In a few days, Miles had a clock. With a couple more clicks, my wife had a baseball jersey shirt with the same image.

What I discovered was that Café Press also allows you to set up and sell custom products from your own store — for free (you can pay for more features or products). So, of course, I immediately dreamed of a cool, children’s clothing line designed to combat the total lameness of most kids’ T-shirts. Tweaking a couple of public domain skateboard pictures, I crafted and bought Miles two T-shirts, complete with the logo of my newfound company — Leisureman Enterprises — on the back.

I set up my store, and I waited for the offers to pour in.

They didn’t. Although I didn’t make any money, I did find the time to design more shirts, one featuring my son Quinn’s favorite plush toy, and one for me with an image of Tom Waits. I then moved to mugs, using a picture of Walt Whitman to display my love for coffee and Whitman’s inimitable stylings.

Café Press’s sheer amount of products — messenger bags, key-sake boxes, hoodies, buttons, steins, pillows, journals, postcards — continues to impress me. As I look toward the holidays, I can’t help but think that someone on my list would appreciate a Walt Whitman mug or a Roscoe the Pizza Dude T-shirt.

Of course, I could be wrong. Perhaps I’d be better off making a shirt with a picture of an old man crashing on a skateboard.