

The background of the entire page is a close-up photograph of a baseball field. It shows a light-colored, textured base (likely made of cork or wood) set into the reddish-brown dirt. The dirt has some cracks and texture. In the bottom left corner, a white baseball with red stitching is partially visible. In the bottom right corner, a tan leather baseball glove is also partially visible.

ADVANCED
INFIELD SOLUTIONS

SPORTS FIELD RESOURCE GUIDE

ADVANCED TURF SOLUTIONS®

Smart.

Providing the best value and quality sports field products for your long-lasting investment.

Service.

Over Twenty locations to serve you better. Offering to-your-door forklift delivery.

Solutions.

Experts to assist you in solving your toughest sports field problems.

Advanced Turf Solutions is your partner for creating safe, playable, and aesthetically pleasing natural grass and other athletic surfaces for athletes of all ages and abilities. Advanced Turf Solutions is an independent, employee-owned distributor offering an extensive portfolio of quality sports field products. The entire organization is deeply committed to providing service that is second to none.

Our team of experts, including former professional head groundskeepers, can provide a wealth of knowledge with more than 100 years of combined experience in the areas of athletic field and turf maintenance.

Whether you're Major League or Little League, we have the knowledge, experience, and products to help you provide the best playing field surfaces to fit your budget. Our trained agronomists and athletic field specialists can help you put together a complete field-care program incorporating all aspects of maintenance into an easy-to-understand schedule.

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Product selection and availability may vary by location.

S T R E T T M E N T C O R P

CONDITIONERS



ATS1000

PRODUCT DESCRIPTION: Calcined clay conditioner that absorbs moisture and reduces compaction on the infield. It is a blondish/red color and is screened at a 5/16 mesh.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



ATS2000

PRODUCT DESCRIPTION: Clean, uniform particles and color options like Natural, Red, Heritage Red, and Champion Brown make this the conditioner of choice for most Major League groundskeepers.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Advanced Gumbo

PRODUCT DESCRIPTION: Maximizes performance and safety on batting, pitching, and catching surfaces. It is crushed and screened, and it comes out of the bag dry to allow for moisture control. Advanced Gumbo Clay is for high-level baseball and softball fields.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Advanced Professional Mound Clay

PRODUCT DESCRIPTION: Maximizes performance and safety on batting, pitching, and catching surfaces. It is crushed and screened, and it comes pre-moistened. Advanced Professional Mound Clay can be used at all levels of play.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Advanced Dry

PRODUCT DESCRIPTION: Calcined clay product that absorbs moisture and reduces slick spots on the mound and around the bases. Advanced Dry is designed to be used sparingly during rain events.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Pro's Choice[®] Red

PRODUCT DESCRIPTION: Designed to meet the challenges of wet, dry, or compacted infields, this unique, durable granule helps create passageways for drainage and eliminate compaction for truer bounces and safer play. Granule size: 5 x 20.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Pro's Choice[®] Pro Red

PRODUCT DESCRIPTION: This premium topdressing is the only deep red conditioner that maintains its rich color. Used by professional groundskeepers to achieve a championship look and formulated for uniform particle size and durability. Granule size: 8 x 16.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Pro's Choice[®] Select

PRODUCT DESCRIPTION: This premium infield conditioner keeps infields smooth, safe, and resilient. Its specially sized granules and red color make the perfect infield topdressing. Granule size: 8 x 16.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



Pro's Choice[®] Rapid Dry

PRODUCT DESCRIPTION: Stay in the game with Rapid Dry drying agent. These tiny granules are designed to quickly wick away excess water from your infield and keep your games playing safely and without delay. Granule size: 16 x 80.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



SAF Playmaker Red

PRODUCT DESCRIPTION: With the same characteristics as other SAF calcined clay conditioners, SAF Playmaker Red has a rich burgundy red color and can be used daily as an infield top dressing.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet



In-Flow[™] Infield Skin Maintenance

PRODUCT DESCRIPTION: In-Flow is a granular soil conditioner and surfactant that influences water's ability to flow into and throughout the profile of infield skins. This helps sports field managers find the desired balance between water retention and movement, resulting in a better performing infield over a longer period of time.

PACKAGE SIZE: 50 lb. bag



Turface[®] SlideMaster[™]

PRODUCT DESCRIPTION: Turface SlideMaster is an expanded shale that is specially formulated with consistent sub-angular particles that provide the ultimate sliding surface for skinned infields. The particles let water pass through to the infield skin, helping improve water management in hot or dry weather.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet; 2000 lb. super sack



5-Star Packing Clay

PRODUCT DESCRIPTION: A premium clay that combines a professional look and reliable performance with easy installation and maintenance.

PACKAGE SIZE: 50 lb. bag, 40 bags/pallet; 2000 lb. super sack



Turface[®] MoundMaster[®] Blocks

PRODUCT DESCRIPTION: A premium clay that combines a professional look and reliable performance with easy installation and maintenance.

PACKAGE SIZE: Blocks are 2½" x 4" x 8" and packaged as 8 block sets in watertight bags to retain proper moisture.

WARNING TRACK MIX

Advanced CBT

PRODUCT DESCRIPTION: Crushed brick warning track material.
PACKAGE SIZE: 2000 lb. bulk

SAF Trac

PRODUCT DESCRIPTION: Dry screened red shale product with great color and durability.
PACKAGE SIZE: 2000 lb. bulk

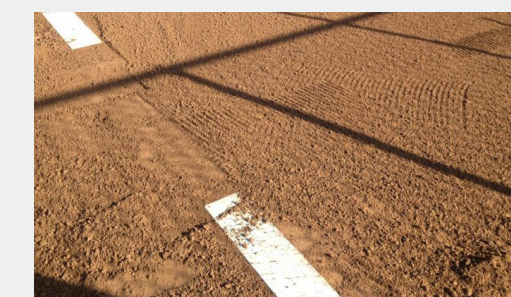
MOUND REPAIR & BATTER'S BOX REPAIR



1. Choose a location for the bullpen and remove the existing sod. You may have to also remove some of the existing soil, because all new material will be installed at a four-inch depth.



2. Then you'll want to install mound clay in front of the rubbers. To lower your costs, consider installing a local infield mix along the sides of the mound, the table, and behind the mound.



3. Use a slope board to achieve the proper slope on the mound.
4. Finish the mound by installing ¼ inch of infield mix for a clean, smooth surface.
5. Lastly, use four or five bags of calcined clay to condition the area.

Product selection and availability may vary by location.

MIXES

INFIELD MIX

Advanced Engineered Soils[®] Infield Mix

PRODUCT DESCRIPTION: Designed to well-established guidelines for recreational mixes, Advanced Engineered Soils combines 70–75% sand with silt-to-clay ratios ranging from 0.6–1.2. With more than 50% of the sand particles classified as medium, this product uses locally sourced materials. Combining locally available components with base clay makes for a stable, less expensive material. These engineered mixes are perfect for fields with limited staffing and water access.

PACKAGE SIZE: 2000 lb. bulk

SAF Turface[®] Diamond Select Infield Mix

PRODUCT DESCRIPTION: Machine-blended and screened at ¼" to provide effective moisture management while maintaining consistency year after year, load after load. Ideal mix for any level of play.

PACKAGE SIZE: 2000 lb. bulk

NATIVE VS. ENGINEERED SOIL

Native Soil

Native soils are usually harvested from creek beds locally and mixed with sand via a wheel loader. This type of mixing is very inconsistent, making every load slightly different from the last and testing critical.

Locally-sourced, native soils are composed of sand, silt, and clay. However, they tend to be high in silt. Silt becomes soft after a rain event and quickly reaches its saturation point. As a result, it usually takes a long time to dry out and can cause a delay or even the cancellation of play.

When native soils are dry, they tend to be extremely dusty and hard. The dust plays a factor on dry, windy days when it causes debris to get into players' eyes. In some instances, play becomes paused until the wind gusts die down.



Engineered Infield Soil

Like native soils, engineered infield soils are also a mix of sand, silt, and clay. However, the components are balanced based on the soil makeup determined for the location and level of play. Recreation fields have a low percentage of clay, while college and professional fields have a higher percentage.

Rather than being harvested from the ground locally and mixed, the components of engineered infield soil are blended using a computer. The computer controls the sand, silt, and clay percentages and loads the materials into separate hoppers. It then releases the proper percentage of each component and sends them down a conveyor belt to make the mix the same on every load. These mixes are more stable, reducing the dust factor and controlling the silt.

Other Engineered Infield Soil Considerations

The structure of engineered infield soil remains stable when wet, so slipping and sinking are minimized. Because the structure remains stable, the engineered soil mixes are much more firm after a rain event and become playable quickly. Engineered infield soil will not migrate or become dusty in the summer.

Advanced Turf Solutions now offers
Advanced Infield Solutions!

Ask an ATS sales rep about our AIS line, which includes our
Advanced Engineered Soils Infield Mix.

iPRO Markers

PRODUCT DESCRIPTION: Help to indicate buried objects (tanks, sprinklers, cables, sensors, etc), show ground hazards and mark out building sites, camp sites etc.

PACKAGE SIZE: Boxes of 25 with three different installation tools. Available in blue, white, yellow, red, and white. Brush is UV treated.



Line Marking Chalk

PRODUCT DESCRIPTION: Made from calcium carbonate, line marking chalk is safe for players, equipment, and turf. For quantity needed, follow this simple rule of thumb: one 50 lb. bag of chalk will stripe approximately 300' L x 2" at x 1/16" D line.

PACKAGE SIZE: 50 lb. bag



Seymour Field Spray Paint

PRODUCT DESCRIPTION: A fast-drying marking paint designed to be sprayed in an inverted position.

PACKAGE SIZE: 18 fl. oz. canister



5-Gal Athletic White Paint

PRODUCT DESCRIPTION: A long-lasting field marking paint. Dilution ratio: 2 parts water to 1 part paint. Dries in 30 minutes.

PACKAGE SIZE: 5 gal bucket



LINEMARK INTERNATIONAL

Impact

PRODUCT DESCRIPTION: With excellent color and durability, the regular Impact ready-to-use paint balances quality and economics. Impact paint can cover a standard sized football pitch from as little as one liter of paint. Colors include white, yellow, blue, red, orange, and black.

PACKAGE SIZE: 10 L (2.64 gal) canister, 5 L (1.32 gal) canister



Impact RP

PRODUCT DESCRIPTION: A premium, ready-to-use low-volume paint, specifically developed to be sprayed through GPS guided robots. Impact RP offers outstanding whiteness and longer lasting lines with less time, less water, and less effort.

PACKAGE SIZE: 10 L (2.64 gal) canister, 5 L (1.32 gal) canister



Impact XP

PRODUCT DESCRIPTION: Environmentally friendly, ready-to-use paint with no mixing required for playing fields and sports courts. The paint is developed for the iGO machines. It allows you to over-mark a standard sized football pitch from as little as one liter of paint.

PACKAGE SIZE: 10 L (2.64 gal) canister, 5 L (1.32 gal) canister



Flush Thru for iGO

PRODUCT DESCRIPTION: Flush Thru is a specially formulated ready-to-use cleaner for use with the iGO Deluxe, iGO Mini, and other spray machines. It is ideal for regular cleaning maintenance, preventing accumulation of paint residues in piping, filters, pumps, and nozzles.

PACKAGE SIZE: 10 L (2.64 gal) canister



iGO Midi Line Marking Machine

PRODUCT DESCRIPTION: The next generation line marking machine for a range of playing and recreational surfaces, both natural and synthetic. The machine is easy to set up, operate, and clean after use. The iGO Midi features an innovative twin probe paint circulatory system of internal paint dispersion. It is compact, lightweight, easily portable, and highly maneuverable without compromising power. Its 20-amp power unit offers 5 hours of constant spraying.



ACCESSORIES

FIELD ACCESSORIES

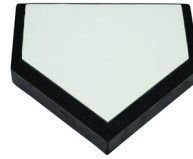
Bases



PRODUCT DESCRIPTION: Jack Corbett MLB Hollywood Base, proudly made by Schutt Sports, remains the official base of Major League Baseball and is used on every MLB field.

- Extended, tapered lip virtually eliminates edge turn up
- Engineered to better withstand bad weather and also includes special ultraviolet inhibitors
- Added tensile strength to prevent most cuts and tears
- Comes with 6" stanchion
- Ground plugs and anchors sold separately

Item# SS-12902010



Home Plate

PRODUCT DESCRIPTION: Hollywood Bury-All Home Plate. Maximum strength, all rubber construction with no spikes needed for installation. Non-skid rubber surface. Ideal for permanent installation.

Item# SS-12807100



Pitching Rubber

PRODUCT DESCRIPTION: Schutt official 4-sided Hollywood style professional pitching rubber. Constructed of rubber and internal PVC tube. 6" x 24"

Item# SS-12909180

Mound, Plate, & Infield Tarps



PRODUCT DESCRIPTION: Prevents rain events from saturating clay. Allows for existing clay moisture to be retained; 14 or 18 oz. vinyl; 14 different colors and custom sizes available. Standard sizes and colors available.



Turf Covers

PRODUCT DESCRIPTION: Turf covers retain natural heat and moisture that speed up seed germination and promote deep root development. In colder climates, turf greens up earlier in the spring. Field tarps are also great to do quick turf repairs, and because of their light weight, even large covers are easily handled.

Winter Grow Blankets



PRODUCT DESCRIPTION: 3 oz. 100% woven polypropylene material with 6-ply, double-stitched, hemmed, and grommets border. Brass grommets placed every 60" on center for staking down. Translucent color allows 90% of light to pass through. Stakes and sand bags available.



Fence Cap

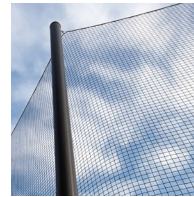
PRODUCT DESCRIPTION: Adds safety and enhancement to any field. UV treated polyethylene to last for years. Available in yellow, forest green, and black. Available in 2 roll lengths: 100' or 250'. Each roll has 4.5" diameter. Limited 2-year warranty.

Windscreens



PRODUCT DESCRIPTION: Tough, high-quality windscreens made with a super durable mesh fabric of tightly woven microfibers and finished with double-needle lock stitching. It is virtually tear-proof. Available in 20 colors and with custom multi-color imprinting. Grommets installed every 12 inches. 78% shading.

Backstop Netting



PRODUCT DESCRIPTION: Custom design netting systems provide a quality, heavy-duty product that can withstand rugged play and unpredictable weather.

Pitcher's L-Screen



PRODUCT DESCRIPTION: Keeps the thrower protected without having to change their throwing motion. All steel screens are standard #42 nylon.

Backstop/Wall Padding



PRODUCT DESCRIPTION: Protect players with custom wall and outfield padding.

THE PERFECT MOUND

TPM | ADULT MOUND™

PRODUCT DESCRIPTION:

- 6-piece, 18' circle
- 10" mound height construction
- Designed to MLB size and slope specifications



TPM | YOUTH MOUND

PRODUCT DESCRIPTION:

- 4-piece, 10' circle
- 7" mound height construction
- Proper slope throughout entire mound



TPM | Defender SOFTBALL MAT PRO

PRODUCT DESCRIPTION:

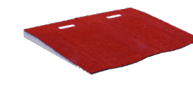
- Weight: 90 lbs.
- Dimensions: 13' L x 4' W
- Pre-painted lines



TPM | BULLPEN SYSTEM

PRODUCT DESCRIPTION:

- 3-piece construction
- Dimensions: 9' W x 13' L x 10" H
- 10" height proper slopes



FIELD MAINTENANCE

Field Rake

PRODUCT DESCRIPTION: 36" field/aggregate rake with 66" blue aluminum powder coated handle. Turn over for an extra-long smoothing edge.



Item# SMW-10036

Field Hose

PRODUCT DESCRIPTION: 100' x 1" Dia. High pressure watering hose. Standard wall, crystal clear PVS compound. Designed for easy access to water infield skinned area.



General Purpose Broom

PRODUCT DESCRIPTION: 24" general purpose broom with 60" yellow fiberglass handle and cushion grip.



Item# SMW-82724

Stiff Drag

PRODUCT DESCRIPTION: Heavy duty, non-flexible drag used for standard infield maintenance. Can be pulled by hand or with a machine. Wood board bottom, standard size is 6' wide by 18" depth.



UNDERHILL

Underhill® UltraMAX™ Hoses

PRODUCT DESCRIPTION: Underhill UltraMAX™ hoses are flexible, light, and built to last. The line consists of the Red, Blue, Clear, and Green hoses, all of which have different features and materials that make them unique. They range in length from 25' to 125' and have working pressures between 150 and 300 psi. The hoses come in diameters of ¾" or 1" and custom lengths are available.



Double Play Rake

PRODUCT DESCRIPTION: 36" double play/dual purpose rake with 66" blue aluminium handle.



Item# SMW-12536

Non-Absorbent Roller Squeegee

PRODUCT DESCRIPTION: 60" ergonomic blue powder coated aluminum handle and heavy duty aluminum frame. Excellent for pushing water through grass and smooth hard surfaces. Widely used on professional sports fields.



Item# SMW-70948

Monster Drag Broom

PRODUCT DESCRIPTION: 84" monster warehouse drag broom with 3 bristle rows. Bristles are replaceable.



Item# SMW-83084

Hand Tamp

PRODUCT DESCRIPTION: 8" x 8" tamp with cast iron head and 44" hardwood handle.



Precision™ Nozzle Kits

PRODUCT DESCRIPTION: 8" x 8" tamp with cast iron head and 44" hardwood handle.



TINES

Quad Tines

PRODUCT DESCRIPTION: JRM, offers a variety of quad side-eject coring tines that fit all conventional machines. Common mount sizes for quad blocks are ¾" and ½". The ¼" standard quad offers the smallest core available in the industry, and the Premium Mag Quad Plus tine pulls one of the biggest cores available on the market.

Bayonet™ Tines

PRODUCT DESCRIPTION: The JRM Bayonet tine is a slicing solid tine that comes in lengths of 4¾" and 7" and a variety of mount sizes. We also feature longer lengths for deep tines machines. The Bayonets are particularly useful in the summer and in periods of stress when aerification would be problematic.

Deep Tines

PRODUCT DESCRIPTION: JRM, offers a wide variety of lengths and outside diameters of deep coring tines for VERT-IDRAIN®, Soil Reliever®, and Wiedenmann® machines.

Conventional Solid Tines

PRODUCT DESCRIPTION: JRM, conventional solid tines come in a variety of lengths and diameters and feature a bullet-tip, which provides a cleaner hole and consistent core depth.

Conventional Coring Tines - Top Eject

PRODUCT DESCRIPTION: JRM, offers a full line of conventional coring tines for John Deere®, Toro®, Ryan®, Coremaster®, and Jacobsen® machines. Top-eject tines offer a cleaner and more consistent core.

CROSSTINES®

PRODUCT DESCRIPTION: The JRM CROSSTINES line is a venting tine in times of stress that severs the roots with its unique design and allows for a stronger root mass with little playability concerns when aerating.

Ninja® Tines

PRODUCT DESCRIPTION: Ninja Tines are the standard for non-disruptive aeration. This innovative tine is designed to remove organic material only. The tine pulls a small diameter core and will not disrupt the playing surface.

AERATION DISPLACEMENT CHART

TINE SIZE	1.25" x 1.25" Centers	1.5" x 1.5" Centers	2" x 2" Centers	2.5" x 2.5" Centers	5" x 5" Centers
1/4" Hollow Tines	3.14%	2.18%	1.23%	0.79%	
3/8" Hollow Tines	7.07%	4.91%	2.76%	1.77%	
1/2" Hollow Tines	12.57%	8.73%	4.91%	3.14%	
5/8" Hollow Tines		13.64%	7.67%	4.91%	
5/8" Hollow Vertidrain					1.23%
3/4" Hollow Tines				7.07%	1.77%
3/4" Hollow Vertidrain					1.77%
1" Hollow Tines					3.14%
1" Hollow Vertidrain					3.14%
7/8" Drill & Fill (7" Ctrs)					1.23%
Graden Verticutter (15 Blades @ 1" Spacings)	1mm Blade 3.93%	2mm Blade 7.87%	3mm Blade 11.81%		

1/4" quad tines remove as much material as regular 1/2" hollow tines.

3/8" minimum for ease of topdressing fill if replacement of material is required.

For double aeration, make two passes at approx. 37° (Slightly less than 45°) to minimize overlap.

Source: International Sports Turf Research Center

TINES

STEEL GREEN



SG46 Zero-Turn Spreader/Sprayer

SPRAY CAPACITY: 50 gal
SPRAY WIDTH: Up to 8'
HOPPER CAPACITY: 220 lbs.
VARIABLE SPREAD WIDTH: Up to 25'
RATE PRODUCTION: 200,000 sq. ft. per fill, based on ¼-gal spray nozzles

WIDTH: 46"
LENGTH: 75"
HEIGHT: 54"
FRONT TIRE: 16x6.5-8
REAR TIRE: 22x11-10
WEIGHT: 950 lbs.



SG52 Zero-Turn Spreader/Sprayer

SPRAY CAPACITY: 60 gal
SPRAY WIDTH: Up to 10'
HOPPER CAPACITY: 220 lbs.
VARIABLE SPREAD WIDTH: Up to 25'
RATE PRODUCTION: 240,000 sq. ft. per fill, based on ¼-gal spray nozzles

WIDTH: 52"
LENGTH: 75"
HEIGHT: 54"
FRONT TIRE: 16x6.5-8
REAR TIRE: 22x11-10
WEIGHT: 970 lbs.



SG54 Zero-Turn Sprayer

SPRAY CAPACITY: 100 gal
SPRAY WIDTH: Up to 12'
RATE PRODUCTION: 400,000 sq. ft. per fill, based on ¼-gal spray nozzles

WIDTH: 54"
LENGTH: 73"
HEIGHT: 54"
FRONT TIRE: 16x6.5-8
REAR TIRE: 22x11-10
WEIGHT: 1,100 lbs.



SGXL Zero-Turn Sprayer

SPRAY CAPACITY: 120 gal
SPRAY WIDTH: Up to 14'
HOPPER CAPACITY (with kit*): 350 lbs.
VARIABLE SPREAD WIDTH (with kit*): Up to 25'
RATE PRODUCTION: 480,000 sq. ft. per fill, based on ¼-gal spray nozzles

WIDTH: 62"
LENGTH: 91"
HEIGHT: 74" with boom up,
58" with boom down
FRONT TIRE: 18x9.5-8
REAR TIRE: 26x14-12
WEIGHT: 1,891 lbs.

**350 lb. hopper kit with lift system is an attachment option*



SGXL All-Granular Zero-Turn Spreader

HOPPER CAPACITY: 350 lbs.
VARIABLE SPREAD WIDTH: Up to 25'
FERTILIZER TRAY CAPACITY: 500 lbs.

WIDTH: 62"
LENGTH: 84"
HEIGHT: 58"
FRONT TIRE: 18x9.5-8
REAR TIRE: 26x14-12
WEIGHT: 1,816 lbs.

STEEL GREEN ATTACHMENTS

Hydraulic Lift Kit

PRODUCT DESCRIPTION: Maximize your equipment investment and transform the Steel Green spreader/sprayer into a multi-purpose machine. The Hydraulic Lift Kit includes the hydraulic system, joystick valve, hoses, brackets, and fittings to attach the SG Rake and other SG attachments (sold separately).



SG Rake

PRODUCT DESCRIPTION: Save time by preparing the soil and spreading seed in one pass with the rake attachment. Easily adjust the down pressure for overseeding or preparing bare ground.



SG Snowplow

PRODUCT DESCRIPTION: Instead of letting your spreader/sprayer sit unused all winter long, maximize your investment and turn it into a powerful sidewalk snow-removing machine with up to 350 pounds of salt-spreading capacity. When the snow season is over, uninstalling the plow is simple and you'll be back to fertilizing in minutes.



SGXL Granular Attachment Kit

PRODUCT DESCRIPTION: Convert your SGXL into a high-capacity spreader with the SGXL Granular Attachment Kit. Featuring a 350-pound capacity stainless steel hopper and the ability to carry 500 pounds of product in the stainless steel side trays, the SGXL can be modified to hold a total unit capacity of 850 pounds.



SPREADERS

Spyker P70-17520 Drop Spreader

PRODUCT DESCRIPTION: This commercial drop spreader from Spyker is perfect for spreading seed, fertilizer, and even infield conditioner. With two side-by-side hopper sections, the operator can spread 18" or 36" widths for consistent coverage around tight areas.



The Andersons SR-2000 Rotary Spreader

PRODUCT DESCRIPTION: Thicker walled stainless steel frame. Patented Helical Cone for a uniform, consistent 8' to 12' spread swath. 13" Turf Saver 2 pneumatic wheels. Lift handles in the front and back for easier loading and unloading. Standard port shut-off control. Extended handle with tuff-foam grips.



FERTILIZER



Foliar-Pak® Grow-In

PRODUCT DESCRIPTION: Foliar-Pak Grow-In is an all-in-one product that provides a complete turfgrass establishment program with the convenience of one single product.

Foliar-Pak® Play-On

PRODUCT DESCRIPTION: Foliar-Pak Play-On is an all-in-one product that provides a complete turfgrass maintenance program with the convenience of one single product.

Foliar-Pak® Armament® Concentrate

PRODUCT DESCRIPTION: Foliar-Pak Armament Concentrate is a high molecular-weight amino acid polymer that complexes nutrients and improves their availability in the soil.

Foliar-Pak® Microsync

PRODUCT DESCRIPTION: Foliar-Pak Microsync is the ideal micronutrient addition for sports field applications and is safe in spray tanks with broadleaf herbicides.

Foliar-Pak® Foundation Forty

PRODUCT DESCRIPTION: Foliar-Pak Foundation Forty is a highly concentrated, engineered blend of specific amino acids for increased nitrogen fixation, chlorophyll production, and energy production.

Foliar-Pak® Micros Plus

PRODUCT DESCRIPTION: Foliar-Pak Micros Plus provides foliar delivery of key nutrients that promote improvement for overall plant growth.

GRANULAR FERTILIZER

ATS Professional Turf Fertilizers Enhanced with Armament®

PRODUCT DESCRIPTION: Available in a variety of N-P-K analyses and with slow-release technology. Each fertilizer granule is completely coated with Foliar-Pak's Armament technology—creating an opportunity for better nutrient uptake in the turf through better rooting and increased nutrient availability.

Nature Safe® 18-0-2 Enhanced with Armament®

PRODUCT DESCRIPTION: Nature Safe 18-0-2 contains three forms of nitrogen: animal protein for an organic base of bioavailable nutrition, ammonium sulfate for a quick color response, and stabilized urea for a long-lasting controlled release. It also provides a controlled release of microbe feeding sugars and carbohydrates plus Armament to increase nutrient uptake and unlock tied-up soil nutrients.

COLORANTS

Endurant Landscape Colorants

PRODUCT DESCRIPTION: The Endurant Landscape Colorants line consists of turf paints, marking paints, and pigments. Their paints and pigments offer a natural look at an affordable price, and their marking paints are bright and long-lasting.

GRASS SEED

Advanced Athletic Blue/Rye

PRODUCT DESCRIPTION: 50% wear-tolerant, disease-resistant perennial ryegrass blended with 50% Kentucky bluegrass for a durable mix that is suitable for many locations.
SEEDING RATE: 4-5 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced HGT

PRODUCT DESCRIPTION: Advanced HGT is a hearty bluegrass blend that is easy to grow, fast to establish, and resistant to disease. These benefits, combined with a remarkable tolerance to heavy traffic, make Advanced HGT the ideal choice for any bluegrass application.
SEEDING RATE: 2-3 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

365ss Premium Blend

PRODUCT DESCRIPTION: 365ss is a revolutionary new bluegrass blend that offers the best of what sports field professionals demand. 365ss is extremely fast to germinate and establish, crowding out weeds and creating a dense sward that offers superior sod strength. 365ss also holds up to extreme wear and traffic, recovering quickly between games and allowing for more use with fewer days in between.
SEEDING RATE: 2-3 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced RPR

PRODUCT DESCRIPTION: Barenbrug's innovative research has produced a new turf perennial ryegrass subspecies: Lolium perenne ssp. stoloniferum. Called RPR (Regenerating Perennial Ryegrass), it exhibits superior traffic tolerance and recovery through a spreading growth habit. The Advanced RPR blend contains the best genetics available to outperform other wear-tolerant ryegrasses.
SEEDING RATE: 6-7 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced GLR Perennial Ryegrass

PRODUCT DESCRIPTION: Advanced GLR Perennial Ryegrass, by Pure Seed, is a blend of disease-resistant and drought-tolerant ryegrass varieties. Advanced GLR displays a very dark green color and density at variable mowing heights, and it's good for overseeding and permanent stands of turf.
SEEDING RATE: 4-8 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced RTF

PRODUCT DESCRIPTION: Advanced RTF, by Barenbrug, is the most advanced and unique tall fescue mixture available, providing the benefits of rhizomes not found in any other varieties. The deep-rooted and heat-tolerant Advanced RTF has been proven to mend damaged turf and maintain both uniformity and density.
SEEDING RATE: 6-8 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced TTTF Plus 90/10

PRODUCT DESCRIPTION: 90% Turf Type Tall Fescue, 10% Kentucky bluegrass selected for its superior disease resistance, appearance, and performance.
SEEDING RATE: 6-8 lbs./1000 sq. ft.
PACKAGE SIZE: 50 lb. bag

Advanced Bermuda

PRODUCT DESCRIPTION: An economical 2-way blend of proven seeded bermudas, coated with our XCD technology. For use on golf courses, sports fields, and home lawns.
SEEDING RATE: 2-3 lbs./1000 sq. ft.
PACKAGE SIZE: 25 lb. bag

GRASS SEED

FUNGICIDES

FUNGICIDES

ArmorTech® IP 238

PRODUCT DESCRIPTION: ArmorTech IP 238 is a fungicide recommended for control of spring, summer, fall, and winter diseases on non-residential turf located on golf courses, sod farms, and institutional areas where fine turf is grown, and on non-residential ornamental flowers and foliage plants grown in field and landscape nurseries or greenhouses, and in conifer nurseries.

ArmorTech® ZOXY-PG®

PRODUCT DESCRIPTION: ArmorTech ZOXY-PG is a granular fungicide combining 0.31% azoxystrobin and 0.75% propiconazole. A broad spectrum fungicide, it utilizes both root and leaf uptake to deliver preventative and curative control up to 28 days. ZOXY-PG targets foliar, stem, and root diseases such as leaf and stem blights, leaf spots, patch diseases, anthracnose, fairy rings, mildews, molds, and rusts of turfgrass.

ArmorTech® PPZ 143 MC

PRODUCT DESCRIPTION: ArmorTech PPZ 143 MC provides economical, broad-spectrum control for cool- and warm-season grasses, trees, shrubs, and flowers. Locally systemic mode of action provides long-lasting disease control for more than 49 turf and ornamental diseases. Water-based microemulsion concentrate formulation produces reduced odors, increases tank stability, and allows for excellent plant coverage.

Insignia SC Intrinsic

PRODUCT DESCRIPTION: Insignia SC Intrinsic brand fungicide controls an exceptionally broad spectrum of turf diseases with long-term results. In fact, Insignia SC Intrinsic brand fungicide has shown excellent residual control on many turf diseases, helping to reduce your labor costs and enhancing peace of mind.

Pillar G Intrinsic

PRODUCT DESCRIPTION: Pillar G Intrinsic brand fungicide is a combination of pyraclostrobin and triticonazole on a granular carrier. This combination of two highly effective active ingredients delivers excellent disease control on numerous diseases problems that challenge turf managers today. These diseases include dollar spot, anthracnose, patch diseases (brown patch, large patch, take-all patch, summer patch), snow molds, and leaf spots.

Xzemplar

PRODUCT DESCRIPTION: Xzemplar fungicide provides ultimate control over dollar spot—curatively and preventatively—on fairways, tees, and greens. It combines the fast-stopping power of a contact fungicide with long-lasting preventative action.

PLANT GROWTH REGULATORS

ArmorTech® PGR 113

PRODUCT DESCRIPTION: ArmorTech PGR 113 is a water-based microemulsion concentrate used to manage growth and improve quality and stress tolerance of warm- and cool-season turfgrasses. Contains 11.3% trinexapac-ethyl.

ArmorTech® PAC 223

PRODUCT DESCRIPTION: ArmorTech PAC 223 is a systemic plant growth regulator that slows vegetative growth by inhibiting gibberellin biosynthesis. Improves overall quality of turfgrass and slows grass growth mowings and clippings for up to two months. Contains 22.3% paclobutrazol.

INSECTICIDES

ArmorTech® IMD 2SC

PRODUCT DESCRIPTION: ArmorTech IMD 2SC is a broad-spectrum insecticide offering foliar and systemic insect control in turfgrass. Contains 21.4% imidacloprid in a flowable formulation.

Talstar Select

PRODUCT DESCRIPTION: Long-lasting control of over 75 pests, including ants, termites, cockroaches, spiders, bed bugs, fleas, and ticks. Talstar Select is water based, so it's non-irritating and contains no odorous or plant-damaging solvents. Talstar Select leaves no unsightly residues and causes no phytotoxicity. Contains bifenthrin.

Tetrino

PRODUCT DESCRIPTION: Tetrino offers fast-acting, season-long control of white grubs and annual bluegrass weevil (ABW). Features the active ingredient tetraniliprole.

DuoCide®

PRODUCT DESCRIPTION: DuoCide provides single-application control of a variety of common lawn insects, including ticks, grubs, fire ants, mole crickets, European crane flies, and more.

WETTING AGENTS

HydroPak® Percolate

PRODUCT DESCRIPTION: HydroPak Percolate is a soil surfactant system that improves the penetration of rainfall and irrigation into and throughout the root zone while maintaining a soil volumetric water content that is conducive to turfgrass color and quality.

HydroPak® Infiltrip

PRODUCT DESCRIPTION: HydroPak Infiltrip is a combination of surfactants designed to increase the movement of irrigation and rainwater into and throughout the root zone of natural turf playing surfaces.

HydroPak® Command

PRODUCT DESCRIPTION: HydroPak Command reduces soil surface tension, allowing water and nutrients to reach the root zone with this organic acid penetrant. Command is ideal for irrigation injection and is a cost-effective choice for turfgrass on sports fields.

HydroPak® BioWet

PRODUCT DESCRIPTION: HydroPak BioWet is a multi-functional, biodegradable wetting agent that works with the soil ecology while bringing a high level of performance. By working to improve the moisture balance in the root zone through a combination of biodegradable penetration and hydration agents, BioWet improves oxygen levels, microbial levels, and plant stress tolerance.

HERBICIDES

ArmorTech® Kade 4L

PRODUCT DESCRIPTION: ArmorTech Kade 4L is a liquid formulation that offers season-long pre-emergent control of over 30 grassy and broadleaf weeds. Contains 40.7% prodiamine.

ArmorTech® 4-Runner

PRODUCT DESCRIPTION: ArmorTech 4-Runner herbicide is your ultimate weapon against over 90 varieties of broadleaf weeds and nutsedge control. Designed as an exceptional alternative to 2,4-D formulations, this post-emergent herbicide ensures unparalleled performance in controlling the toughest weed challenges.

BroadStar

PRODUCT DESCRIPTION: BroadStar is a low odor and dust-free granular pre-emergence herbicide that controls a broad spectrum of annual broadleaf and grassy weeds such as spurge, bittercress, oxalis, common groundsel, and crabgrass.

Dimension

PRODUCT DESCRIPTION: From the first application to the last, Dimension specialty herbicide is the only choice for pre-emergent and early post-emergent crabgrass control.

Dismiss NXT

PRODUCT DESCRIPTION: Dismiss NXT herbicide is the industry's premier yellow nutsedge and green kyllinga control product. It is a next generation tuber reduction combination product. Dismiss NXT combines two active ingredients to provide visual symptoms within 24 hours and long-term control in both cool- and warm-season turf. This formulation is absorbed by the roots and foliage and works to control yellow nutsedge tubers, reducing future populations.

Quali-Pro Flumishield SC

PRODUCT DESCRIPTION: Flumishield SC, by Quali-Pro, provides non-selective, pre- and post-emergent control of grass and broadleaf weeds. It contains flumioxazin and is labeled for use on dormant bermudagrass on residential sites, golf courses, and sports fields.

TANK ADDITIVES

Chem-Stick LPH

PRODUCT DESCRIPTION: A unique nonionic spreader-sticker formulated to protect pesticides from premature chemical breakdown by buffering the spray solution to a slightly acidic pH level of 5.0 to 6.0.

LV™ Low Volume Spray Enhancer

PRODUCT DESCRIPTION: LV™ is specifically formulated for low-volume sprayer applications. The powerful water conditioning system of LV is blended with a non-ionic surfactant to increase product and spray solution efficacy.

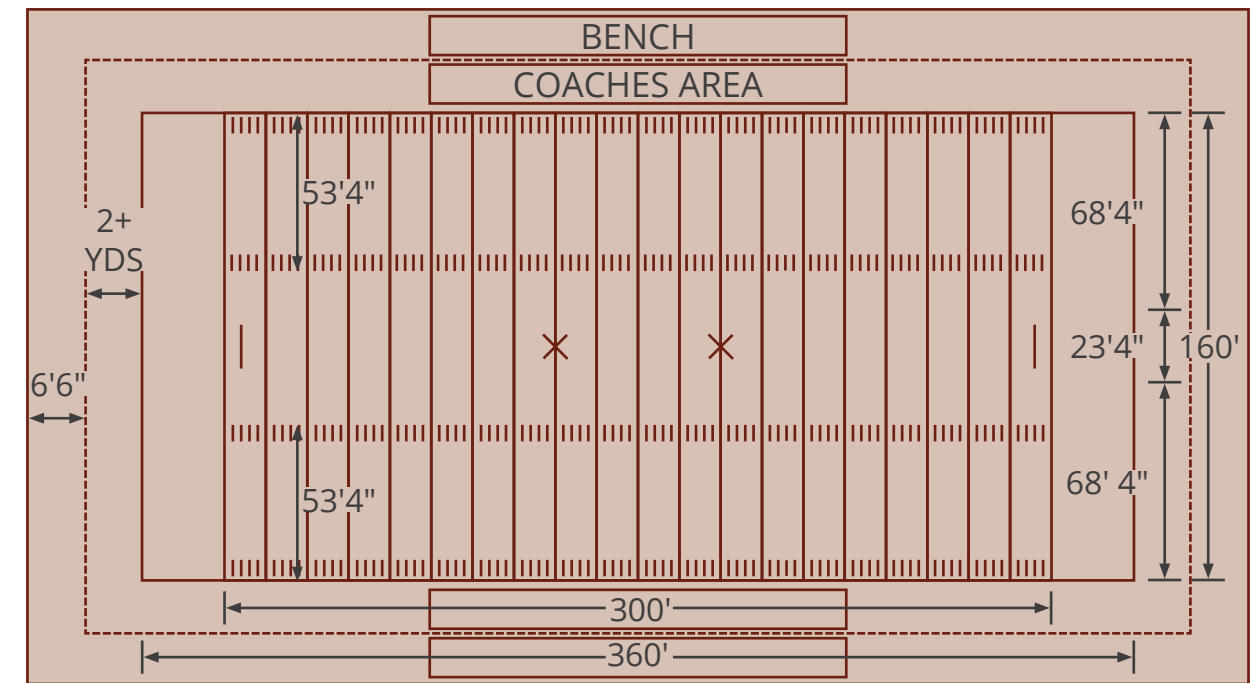
Border 2.0

PRODUCT DESCRIPTION: Border 2.0 is a concentrated liquid adjuvant for spray droplet management. It enhances the performance of spray applications by modifying the physical characteristics of the spray droplet, improving droplet retention while reducing off-target movement.

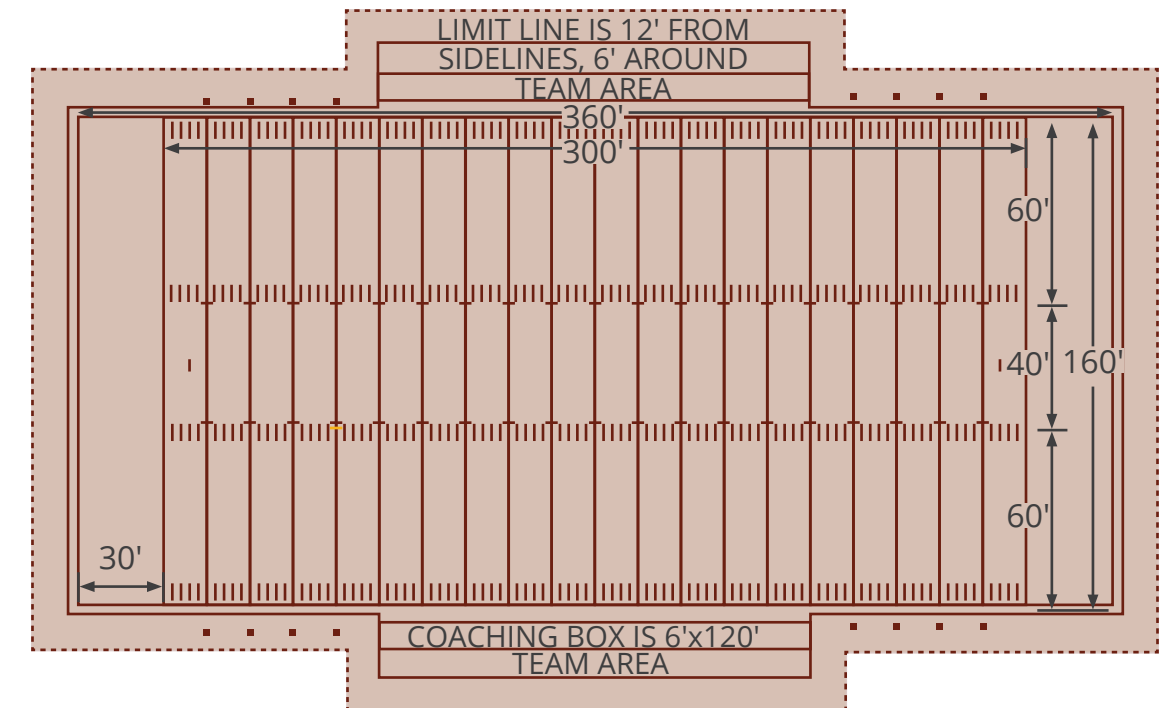
Microyl™

PRODUCT DESCRIPTION: Microyl is a combination of a nonionic surfactant and synthetic oil that reduces injury to turfgrass, while forming a stable microemulsion with no residue.

HIGH SCHOOL FOOTBALL



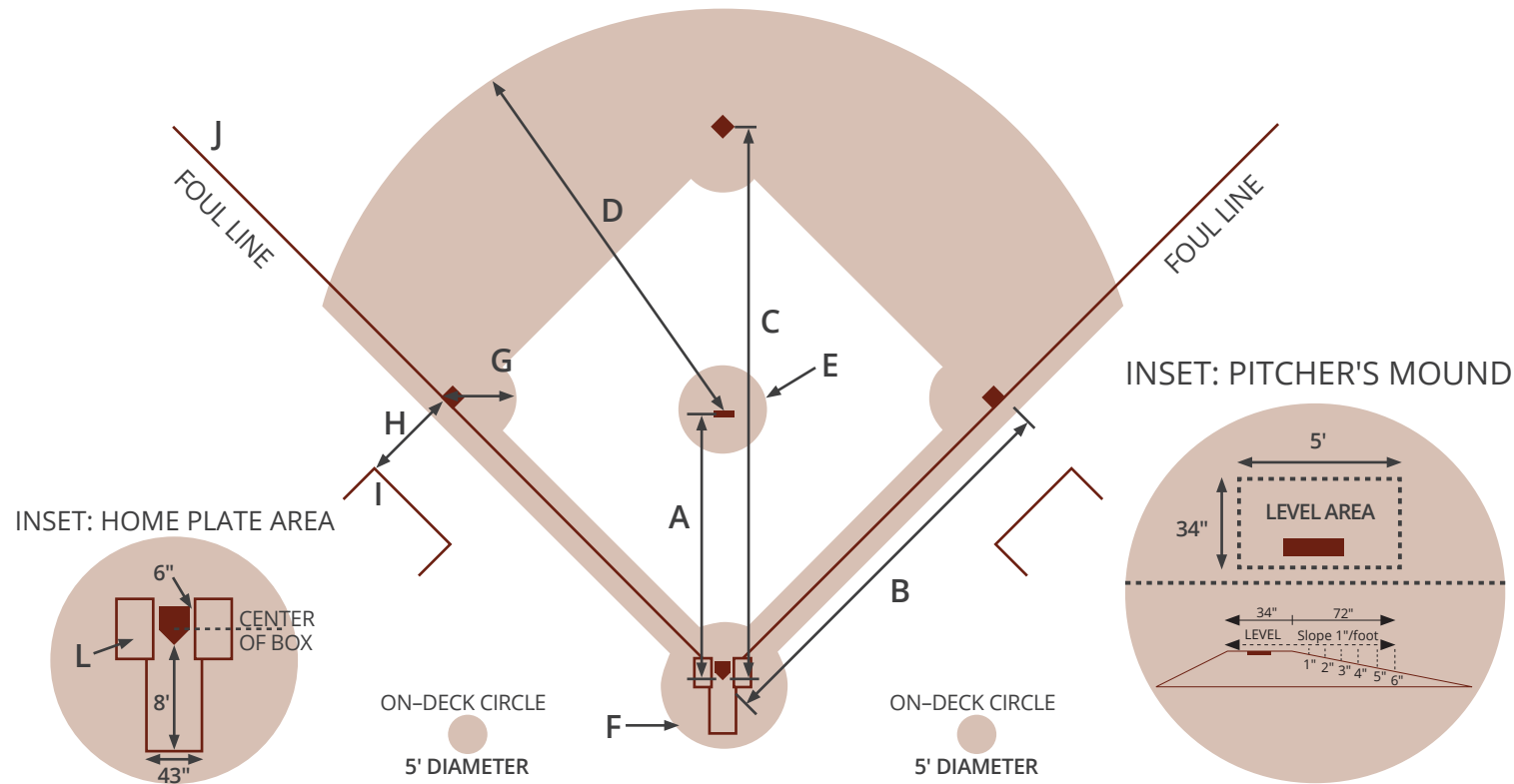
COLLEGE FOOTBALL



DIMENSIONS

BASEBALL

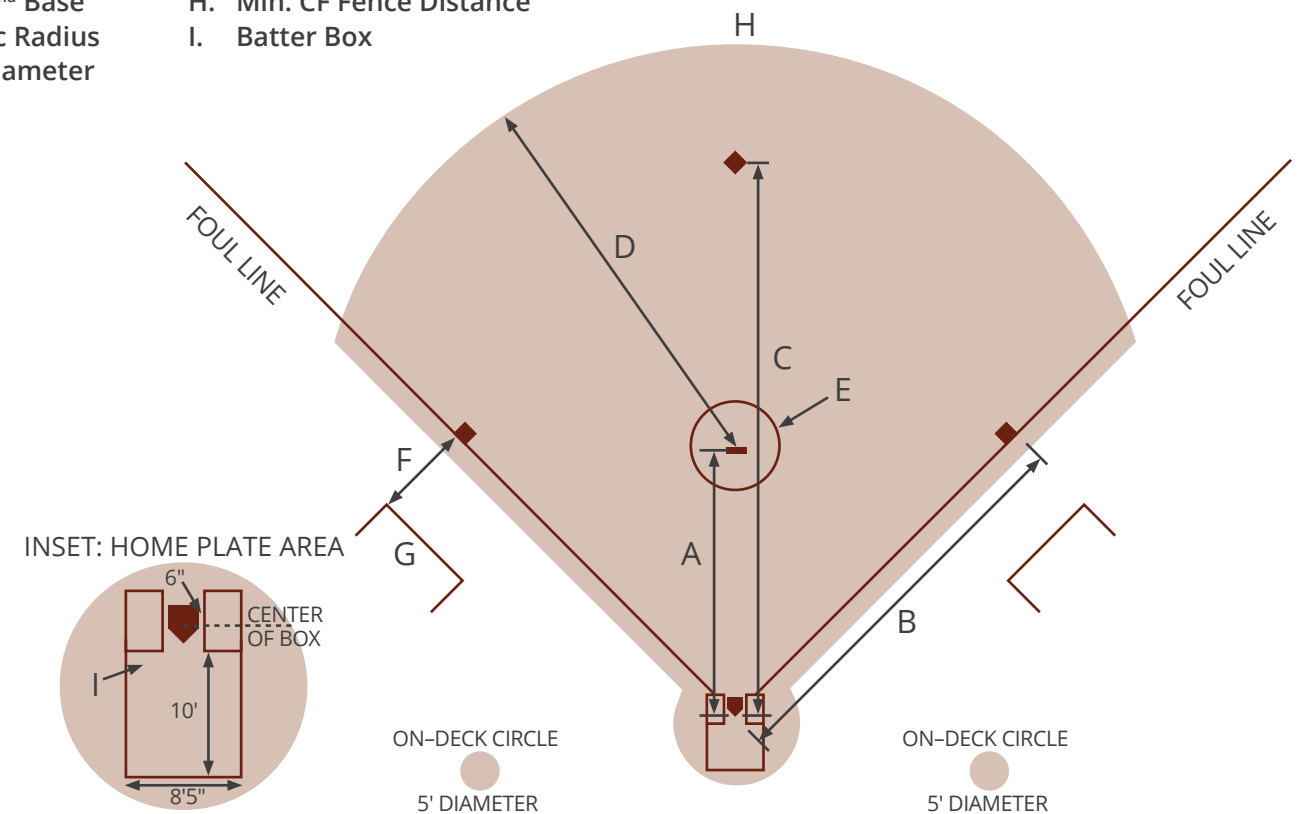
- A. Pitching Distance
- B. Baseline
- C. Plate to 2nd Base
- D. Infield Radius
- E. Mound Diameter
- F. Home Diameter
- G. Base Radius
- H. Coach's Box Distance
- I. Coach's Box
- J. Min. Fence Distance
- K. Min. CF Fence Distance
- L. Batter's Box
- M. Mound Height



LEAGUE	A	B	C	D	E	F	G	H	I	J	K	L	M
PRO, COLLEGE, HS	60'6"	90'	127'3 ³ / ₈ "	95'	18'	26'	13'	15'	20'x10'	320'+	400'+	4'x6'	3' x 7'
BABE RUTH	60'6"	90'	127'3 ³ / ₈ "	95'	18'	26'	13'	15'	20'x10'	320'	400'	4'x6'	3' x 7'
COLT	60'6"	90'	127'3 ³ / ₈ "	95'	18'	26'	13'	15'	20'x10'	300'	350'	4'x6'	3' x 7'
PONY	54'	80'	113'1 ² / ₃ "	80'	15'	24'	12'	12'	12'x6'	250'	300'	4'x6'	3' x 7'
BRONCO	48'	70'	99'	65'	12'	22'	11'	9'	12'x6'	225'	275'	4'x6'	3' x 7'
LITTLE LEAGUE	46'	60'	84' 10 ¹ / ₄ "	50'	10'	20'	9'	6'	8'x4'	200'	200'	4'x6'	3' x 7'
MUSTANG	44'	60'	84' 10 ¹ / ₄ "	50'	9'	20'	10'	6'	8'x4'	175'	225'	3'x6'	3' x 7'
PINTO	38'	50'	70'8 ¹ / ₂ "	50'	9'	20'	9'	6'	8'x4'	150'	200'	4'x6'	3' x 7'

SOFTBALL

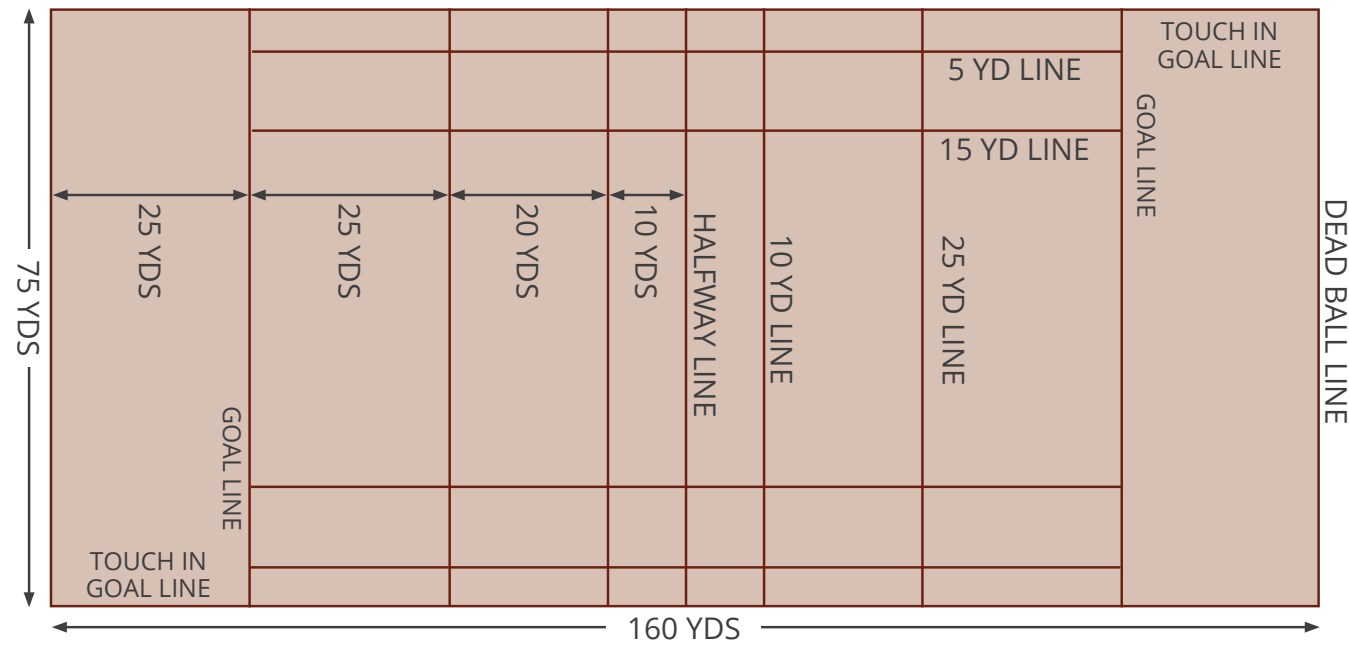
- A. Pitching Distance
- B. Baseline
- C. Plate to 2nd Base
- D. Infield Arc Radius
- E. Mound Diameter
- F. Coach's Box Distance
- G. Coach's Box
- H. Min. CF Fence Distance
- I. Batter Box



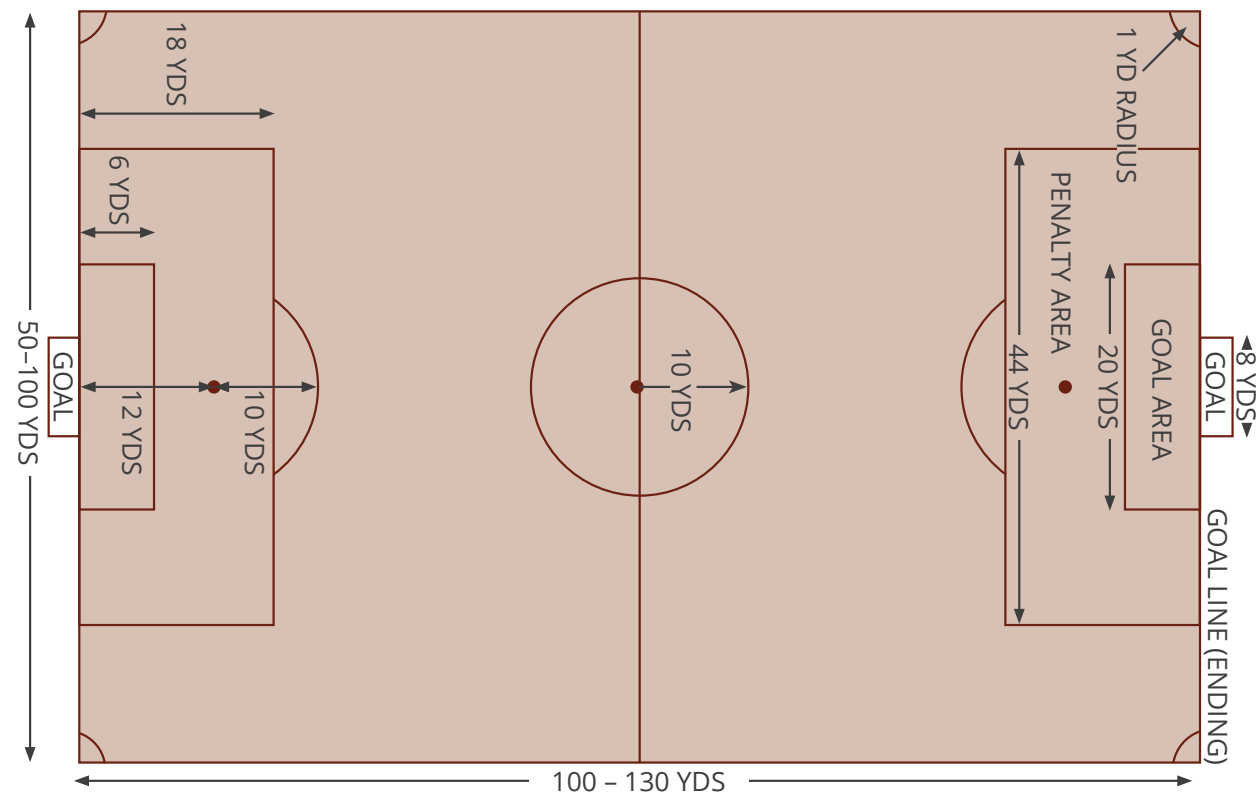
LEAGUE	A	B	C	D	E	F	G	H	I
COLLEGE	43'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	200'	3' x 7'
HIGH SCHOOL	43'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	185'-235'	3' x 7'
ASA ADULT FAST-PITCH/WOMEN	43'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	200'-250'	3' x 7'
ASA ADULT FAST-PITCH/MEN	46'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	225'-250'	3' x 7'
ASA ADULT SLOW-PITCH/ALL	50'	60'	91' 11"	60'	16'	8'	15' x 3'	275'-300'	3' x 7'
ASA YOUTH GIRLS/10U	35'	60'	77'9 ³ / ₈ "	60'	16'	8'	15' x 3'	175'-225'	3' x 7'
ASA YOUTH GIRLS/12U	40'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	200'-225'	3' x 7'
ASA YOUTH GIRLS/14U	40'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	200'-225'	3' x 7'
ASA YOUTH GIRLS/16U & 18U	40'	60'	84' 10 ¹ / ₄ "	60'	16'	8'	15' x 3'	200'-225'	3' x 7'

DIMENSIONS

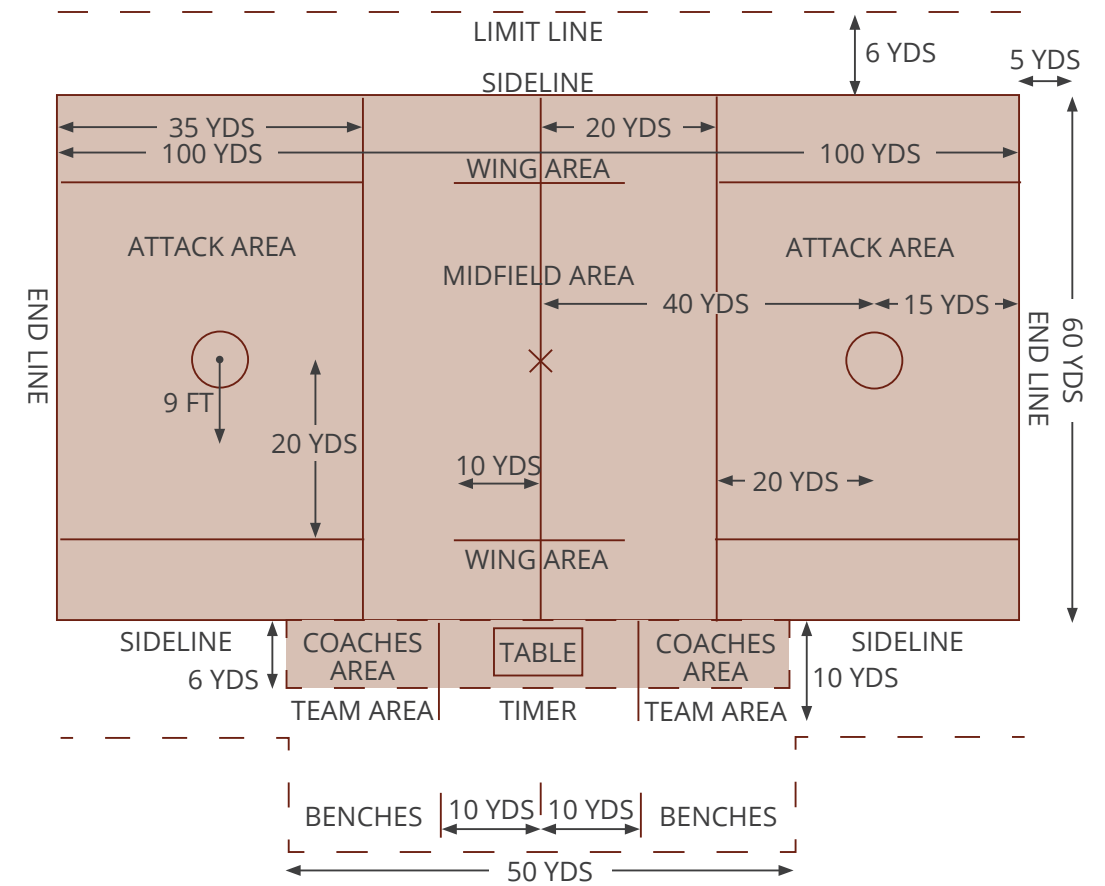
RUGBY



SOCCER



MEN'S LACROSSE



WOMEN'S LACROSSE

