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CornerSport Field Aggregates

"The ball field itself is a mystic creation, the Stonehenge of America." - Roger Kahn in A Season in the Sun (1997)

Cornerstone Marketing supplies a wide variety of sand and aggregate for surfaced sports fields like baseball and softball fields, football, soccer, volleyball, and other sports fields. In addition, equestrian tracks, golf course bunkers and cart paths, recreational areas, and pathways to architects, contractors, grounds keepers and facilities managers. CornerSport Aggregates offer some of the best golf, volleyball beach sand, baseball infield and warning track mix, horse track mix in North America. CornerSport markets three grades of golf, volley, and baseball mixes- Pro, Mid and Value grade.

Our baseball aggregates include infield mixes, warning track mixes, and specialty sub-drainage (for the serious new construction sub-base), for many universities, cities, counties, parks and schools throughout the US and Canada. We offer several variations of playing surface for every application from little league & softball to major league ball parks. Our infield mix provides a firm, resilient playing surface and like our track & trail materials has virtually no mud or dust. It has good water bearing capacity and load bearing strength, retains flexibility, cushion and reduces wind and water erosion. Our mixes have excellent drainage qualities resulting in near immediate play after rainfall, less cancellations, and less man-hour spent on maintenance and preparation. Our CornerSport Blends **Increases Safety; Reduces labor; better consistency of play; virtually eliminates need for drying material; all weather playing; easily applied; beautiful color and overall less expensive.** Our large selection of mixes are available in Pro, Mid and Value grade.

CornerSport Aggregates offers some of the best Pro Grade Baseball Infield and Warning Track Mix in North America. Our **Red Ball Diamond Aggregate Series** consist of our Crimson Red, Ruby Red, Rustic Red, Southern Sunrise Red, Garnet Red, Granite Red and our **CornerSport House Blend Red** which we refer to as "The Perfect Infield". **CornerSport House Blend Natural** consists of Clay, Silt, Sand, Carbonate in which we have an engineering company and university studying and testing our product. CornerSport markets three grades of House Blend Natural baseball mixes ValuePro, ValueMid, and Value grade. CornerSport Marketing also supplies value baseball infield mixes like Canadian Diamond Mix, Lime Diamond Mix, Natural Diamond Mix

PRODUCT	DESCRIPTION	GRADE
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Crimson Red Infield Mix

Reduces labor; better consistency of play; virtually eliminates need for drying material; all weather playing; easily applied; beautiful color and overall less expensive.

Pro, Mid



Crimson Red Warning Track Mix

Reduces labor; better consistency of play; virtually eliminates need for drying material; all weather playing; easily applied; beautiful color and overall less expensive.

Pro, Mid



Crimson Red Mound & Batters Box Mix

Reduces labor; better consistency of play; virtually eliminates need for drying material; all weather playing; easily applied; beautiful color and overall less expensive.

Pro, Mid



Professional Diamond-Sport is specially designed and screened to meet the strict standards of Major League baseball, minor leagues, universities, and other fields where top performance is required. Precise screening of Professional makes it much finer and effectively eliminates all stones and pebbles. The rich reddish/brown color enhances the aesthetics of your field. Professional is recommended for experienced grounds keepers that provide a consistent daily maintenance program. Because of its higher clay content, Professional requires additional attention during game preparation to keep the surface

Pro



Premium Diamond-Sport is an excellent surface for varsity baseball/softball, little league, Babe Ruth, Legion, adult softball, colleges and universities, or wherever a competitive league requires an excellent quality infield surface. Premium has the same rich color as Professional, but less clay creates a little looser surface. Premium will reduce game preparation time and is playable after a rain when many other fields are rained out. Premiums firm compaction insures good traction and true hops.

Mid



Original Diamond-Sport is perfect for public parks, elementary and middle schools, churches, or wherever a quality field is desired but the strict standards necessary for a competitive league are not required. Original is slightly courser and higher in sand than the other Diamond Tex Products infield mixes, so it requires less maintenance

Value

before and after a game. For fields that don't get a lot of attention, Original will stay playable at the lowest cost to your program, provide a quality skinned surface that is safe for your athletes, and recover quickly after a rain.



Diamond-Sport Warning Track Mix is a courser material with a reddish tint that is the ideal surface for your warning track.

Warning Track Mix compacts for a firm surface yet has enough course material to stay loose on top. This mix is strong enough for maintenance vehicles, yet sheds rain quickly. Wherever you have a fence or backstop, Warning Track Mix will help provide a safe "warning" to your athletes.

Pro, Mid



Diamond-Sport Warning Track Mix is a courser material with a reddish tint that is the ideal surface for your warning track.

Warning Track Mix compacts for a firm surface yet has enough course material to stay loose on top. This mix is strong enough for maintenance vehicles, yet sheds rain quickly. Wherever you have a fence or backstop, Warning Track Mix will help provide a safe "warning" to your athletes.

Pro,
Mid,
Value



Ruby Red Infield Mix

Stabilizer is water activated. It binds water and soil particles together to increase cohesion and resiliency to the playing surface while maintaining permeability. Stabilized Infield Mix comes pre-blended with Stabilizer and is available in Burma Red Granite and Ruby Red Granite colors.

Pro, Mid



Ruby Burma Red Infield Mix

Stabilizer is water activated. It binds water and soil particles together to increase cohesion and resiliency to the playing surface while maintaining permeability. Stabilized Infield Mix comes pre-blended with Stabilizer and is available in Burma Red Granite and Ruby Red Granite colors.

Pro, Mid



Ruby Hilltopper™ "Waterless & Dustless" Infield Mix

Hilltopper Infield Mix is made from our Standard Burma Red Granite Infield Mix coated with a polymer to add cohesion and waterproof each particle creating a non-permeable surface. Hilltopper controls wind and water erosion and remains stable in rainy conditions. Hilltopper does not require any

Pro, Mid

supplemental watering!



Ruby Red Warning Track Mix

Ruby Red Warning Track Mix. Warning track mix has a reddish tint and is made of crushed stone and soil. Firm footing, yet flexible.

Pro, Mid



Ruby Red Hilltopper™ Mound Clay

A Waterless & Dustless polymer-coated product. The polymer coating gives the clay a natural long lasting cohesion that does not require water for activation. Hilltopper is packaged in 50-lb bags and can be used for complete mound construction or used for renovation.

Pro, Mid



CornerSport Rustic Red Infield Mix

Red Ball Diamond Aggregate - this hearty product has some black pieces in it.

Mid,
Value



CornerSport Southern Sonrise Red Infield Mix

Red Ball Diamond Aggregate – This product is well suited aesthetically in color and functionally softer material. Great product, good price.

Mid,
Value



CornerSport Garnet Red Infield Mix

Red Ball Diamond Aggregate - this hearty product has some black pieces in it. Great product, great price.

Mid,
Value



CornerSport Granite Red Infield Mix

Red Ball Diamond Aggregate - this is granite that is 1/4" minus. Great product, great price.

Mid,
Value



CornerSport House Blend DoloRed: Red Ball Diamond Aggregate which we refer to as "The Perfect Infield". Have you ever wondered, while looking at or playing on a softball or baseball diamond, what that **RED STUFF** is. This highly specialized product is a finely crushed dolomitic limestone, mined for professional specification at a price that any municipality, college, high school, grade school, parks and recs department can afford.

Pro,
Mid,
Value

What makes this product look so professionally well is its red color. What makes this product perform so well is its ability to handle the rain; actually allowing the water to pass through it making rain delays almost a thing of the past. Once the Cornerstone is spread properly on a ball diamond, it will give years of service with little maintenance required. So the next time you see that **RED STUFF**, remember CornerSport home of "The Perfect Infield".

CornerSport House Blend Natural: Clay, Silt, Sand, Carbonate in which we have an engineering company and university studying and testing our patent. CornerSport clay based infield mix that compacts to form a firm playing surface that provides good footing, true hops, a safer infield and great value. CornerSport markets three grades of **House Blend Natural** baseball mixes **ValuePro, ValueMid, and Value** grade. Of the three grades, **ValuePro** has the most clay, packs the hardest and has the finest particles. All this leads to the best surface but requires the most maintenance. The ValuePro grade is 20 percent clay, 25 percent silt and 55 percent sand, screened to professional baseball standards for pro and college ballparks. **ValueMid**, gives the best combination of high quality and low maintenance, It has less clay and more sand. The ValueMid grade is 15 percent clay, 20 percent silt and 65 percent sand. That's why it's so popular with schools and municipal leagues where organized baseball or softball is played that don't have a full-time grounds crew. **Value** grade is a coarser material with even more sand, plus small pebbles. The Value grade is 15 percent clay, 15 percent silt and 70 percent sand for a surface best suited for recreational-level play for fields at elementary schools, churches and public parks.



Mid,
Value



Canadian Diamond Mix
Canadian Calcitic Diamond Mix Value

Value

	<p>Lime Diamond Mix Lime Dolomitic Diamond Mix Value</p>	Value
	<p>Natural Diamond Mix Natural Diamond Mix Value</p>	Value

Aggregate

Volleyball & Golf

	<p>Canadian Volleyball V Mix & Golf Canadian V Mix has professional merit to its resume. This is one of the best Volleyball sands anywhere. Great product, great price.</p>	Pro, Mid
	<p>White Dolomitic Volleyball & Golf White Dolomite Sand. This is a beautiful product and very reasonable.</p>	Pro, Mid, Value
	<p>White Quartzitic Volleyball Sand & Golf Volleyball and Golf Mix</p>	Pro, Mid, Value
	<p>White Silica Volleyball Mix & Golf Natural Washed White Silica Mix</p>	Mid, Value
	<p>Natural Volleyball Mix & Golf Natural Washed Mix</p>	Value



Natural Volleyball Mix & Golf
Natural Mix

Value

CornerSport is a Dealer of Pro's Choice Soil Amenities

Pro's Choice® Products for Baseball Infields

Whether you manage baseball fields in the little leagues or the big leagues, Pro's Choice products help you deliver All-Star performance.

- Reduce rain-outs due to saturated fields
- Provide smooth surfaces that give infielders truer hops
- Produce a firm surface that gives sure footing and prevents injuries
- Create a dark red background that makes the white baseball clearly visible



Soilmaster® Red Soil Conditioner is the product of choice for the infield. Soilmaster Red Soil Conditioner manages the moisture on your field, soaking up the excess and preventing puddles. The coarse texture and red color of this product blend with your soil to form a firm, but not packed surface that contrasts with the white ball – so infielders can see it more clearly. Soilmaster Soil Conditioner also improves footing and bounce.



Soilmaster® Select is a premium infield conditioner and top dressing. It offers all the benefits of Soilmaster infield conditioner, plus the small, uniform granules make it perfect for top dressing your infield.



Rapid Dry® Drying Agent has a smaller particle size for increased absorptivity. Pour Rapid Dry directly onto a puddle, rake it out and minutes later you'll have a field ready for play. Each Rapid Dry granule absorbs more than its own weight in water and locks it up tightly. Terra-Green Fast Play is also virtually dust free. Pouring is clean and easy, so the product gets on the ground rather than on you.



Pro Mound® Packing Clay is highly durable clay which stabilizes footing and prevents wear on the mound and in the batter's box. It is easy to install and long-lasting. Pro Mound is also available in packing bricks.

Pro's Choice® also supplies a line of the finest field maintenance accessories for field management and play, including chalk, bases and field equipment. Make Pro's Choice your choice for all your sports field needs.

Pro's Choice® Products for Turf

Growing quality turf grass is always a challenge, especially when you have a team of athletes that give it a workout on a regular basis. The unique mineral granules of Soilmaster soil conditioners help improve root zone growing conditions for your turf.



- Reduce compaction
- Improve oxygen, water and nutrient flow to roots
- Eliminate puddling
- Produce a stable playing surface



Soilmaster® Soil Conditioner delivers remarkable performance. Soilmaster Green has durable granules that help create passageways for drainage and eliminate compaction for firmer footing and safer play. Can be used in field construction or top dressing.



Soilmaster® Green Soil Conditioner has all the qualities of Soilmaster, and it is colored green to blend with your turf, so while it's working, it helps keep your field looking great.

One of the toughest places in the world to grow quality turfgrass is between the hash marks and the twenty-yard line markers on a football field. Which is more damaging, the compaction caused by 300-pound linemen, or the turf damage caused by a running back that cuts on a dime? These are problems even in dry weather, but with every quarter inch of rain, the problems magnify many times. The result can be a playing surface that looks bad and is more likely to cause injury. Soccer fields, especially in the goal mouth and center field areas, exhibit similar symptoms after intense play.



As a turf manager, your number one defense against this offense is to improve the root-zone growing conditions of your turf. Reduce compaction while improving oxygen, water and nutrient flow to roots with Soilmaster Soil Conditioner. This will help the turf repair itself after a tough game and reduce compaction of the playing surface, improving player safety. Your field will look good and play at its best.



Soil	Recommended Percent Range (+/-5%)	CornerSport House Blend	General Recommendations
Sand	50% - 75% Range	ValuePro has the most clay, packs the hardest and has the finest particles. All this leads to the best surface but requires the most maintenance. The ValuePro grade is 20 percent clay, 25 percent silt and 55 percent sand, screened to professional baseball standards for pro and college ballparks.	Higher than recommended amounts = increased soil mobility = increased maintenance. Avoid sands with surfaces that are severely angular or rounded as well as highly spherical. For lower maintenance fields, use a soil with 65 - 75% sand content. High maintenance infields can use a tighter soil for better traction by decreasing the sand content to between 55% and 65%.
	Value 70%		
	ValueMid 65%		
	ValuePro 55%		
Silt	15% - 35%	ValueMid, gives the best combination of high quality and low maintenance. It has less clay and more sand. The ValueMid grade is 15 percent clay, 20 percent silt and 65 percent sand. That's why it's so popular with schools and municipal leagues where organized baseball or	Stay with lower end of recommended values to avoid dusty infields. High levels of silt (>30%) will increase the slickness of an infield skin surface when it is wet.
	Value 15%		
	ValueMid 20%		
	ValuePro 25%		

		softball is played that don't have a full-time grounds crew.					
Clay	<table border="1"> <tr> <td>15 - 35%</td> </tr> <tr> <td>Value 15%</td> </tr> <tr> <td>ValueMid 15%</td> </tr> <tr> <td>ValuePro 20%</td> </tr> </table>	15 - 35%	Value 15%	ValueMid 15%	ValuePro 20%	Value grade is a coarser material with even more sand, plus small pebbles. The Value grade is 15 percent clay, 15 percent silt and 70 percent sand. for a surface best suited for recreational-level play for fields at elementary schools, churches and public parks.	Infield soils with clay contents higher than 25% may require the addition of soil amendments for proper soil consistency
15 - 35%							
Value 15%							
ValueMid 15%							
ValuePro 20%							

New Red Ball Diamond Aggregate surface washes away rainout worries

The cloudy and rainy evening, although it would be welcomed by the farmers and lawn-companies, threatens baseball and softball programs of every level.

Nowadays, it is rare indeed to find a quality baseball or softball diamond that features a quality surface that drains properly. The surface is made from 100% limestone crushed into granules that has created a playing surface that literally sucks up the rain like a drainpipe.

Before CMG Red Ball Diamond Aggregate fields, our customers had "too many games being rained out with only a quarter-inch of rain,". "We weren't playing at all, it seemed." "The fields are easier to maintain now," said one maintenance man for a Park and Recreation Department. He cannot afford to have rain wash away playing surfaces. Our Cornerstone Red Ball Diamond Aggregate surface is the best material to use for playing your scheduled game.

This way, you get to play your tournament and you can be practically sure that you will get your game in.

"Cornerstone Red Limestone" is made from rock crushed finely to less than a pebble in size. When crunched together, the effect is similar to a draining pipe, leaving no puddles and plenty of time to play ball. One good rainstorm can ruin a non-lime field for two to three days. With our products, that just isn't the case. In fact, it is hard to imagine a classy softball field around now that doesn't have this Red Ball Diamond Aggregate surface.

CornerSport Baseball Field Installation Guide

This is a guide to assist in your ball field construction. Please consult your contractor or Sport Field Architecture.

Installation Guide



Installation is as easy as 1, 2, 3 !

The field's construction will be completely graded flat in this initial phase and will now need about 18" base of aggregate to be spread out over it after the PVC pipe drainage system has been installed. A large gathering tank area can be cut out to collect any water run-off from the field and as a beginning to the drainage system ending up in the existing sewer collection system. The sub-base should be compacted and laser graded to surface drain.

Most water runs off the top of the ball field because of the compaction. A ½-1% slope that should be designed into your field. Some choose to slope from home plate towards the outfield; or some choose to crown the field in all directions from the pitchers mound. An experienced grader with a high quality laser grading system is critical to get this slope as accurate as possible.

A drainage system under the skinned areas of your field is not needed especially if there is a good drainage around the field or good slope away from the field assuming the field of play is higher ground. In many cases crushed stone, sand, drains, and other sub-surface drainage systems under the playing area are over kill. Most of the water will not reach these areas to be drained away.

Underground drainage systems do work very well under the turf areas of your field. An ideal system will include underground drains under the turf at the edges of your surface areas so the water that is shed off will flow into the drains and be carried away rather than causing severe wet areas at the edges of your turf around the playing surface.

For maintenance problems like puddles the solution is to re-level your field at the proper slope on a regular basis to eliminate the low spots so the water will continue to be shed off the surface into the grass areas. When adding thin layers of maintenance material to an existing field you should be sure to mix at least one inch with the top inch of material that you're adding it to. You don't want two separate layers of material because the top layer will completely separate when it rains and you'll have a mucky mess on your surface. Periodic dragging is necessary to produce desired cushion. We recommend a new construction depth of 4" - 6" and a maintenance depth of 2" - 3". One ton covers 130 sq ft at a 2 inch depth. One ton covers 60 sq ft at a 3 inch depth.

Our trucks usually haul between 23-25 tons/ load. If cubic yards are specified, general ball diamond conversion factor for cubic yards is 1.85. Simply multiply the number of cubic yards time 1.85 and you will have the number of tons needed. (Example: 100 cubic yards x 1.85 tons/cu. yard=185 ton of diamond mix. To figure out how many tons to order based on square footage, it works out to be [about .0058 tons/square foot/inch of depth](#). Simply multiply the [square footage times .0058](#) and you will have the number of tons needed for one inch depth of diamond mix. (Example: 8,000 sq. ft. x .0058=46.4 tons per inch of depth.)

1. **Excavate** ball diamond to desired depth.
(Recommended depth: 4" - 6")
2. **Install** CornerSport Ball Diamond Aggregate,
grade for drainage and lightly compact.
3. **PLAY BALL !**

** All rock, no grass infield.*

*** All quantities are estimated values only.*

Quantity Estimates		
Appx. Infield Size *(Total Coverage)	Depth	Approx. Qty. Required
65 X 65	4"	103 tons
75 X 75	4"	138 tons
85 X 85	4"	177 tons
95 X 95	4"	221 tons
105 X 105	4"	270 tons

115 X 115	4"	323 tons
125 X 125	4"	382 tons
65 X 65	5"	129 tons
75 X 75	5"	172 tons
85 X 85	5"	221 tons
95 X 95	5"	276 tons
105 X 105	5"	337 tons
115 X 115	5"	404 tons
125 X 125	5"	477 tons
65 X 65	6"	155 tons
75 X 75	6"	206 tons
85 X 85	6"	265 tons
95 X 95	6"	331 tons
105 X 105	6"	404 tons
115 X 115	6"	485 tons
125 X 125	6"	573 tons