



Athletic Field Design

Ball Field Layout Color Code

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The chart below is used to develop proper placement of bases and pitching rubber on ball fields.

First and third base are placed on the outside back edge of the stake chaser and second is placed on the middle. The front of the

Color	Distance	2nd Base	Pitcher	Division
Red	50' Bases	70.71' (70' 8 1/2")	38'	T-Ball
Blue	55' Bases	77.78' (77' 9 3/8")	35'/40'	Rookie Ball
Pink	60' Bases	84.85' (84' 10")	45'/46'	Midgets/ L.L.
White	65' Bases	91.92' (91' 11")	55'	Slow Pitch
Yellow	70' Bases	98.99' (99')	50'	Jr. Division
Green	80' Bases	113.14' (113' 1 5/8")	55'	Sr. Division
Orange	90' Bases	127.28' (127' 3 3/8")	60' 6"	Baseball

pitcher's rubber is placed on the color coordinated stake chaser near the middle of the field. Remember to remove all placement nails after use!

Stake Chasers (used for surveying) are 6" long solid colored plastic fibers with a metal ring around the base. After determining the proper location punch a 1/2" hole 3" deep into

the dirt, then place a 6" nail spike into the ring, placing the stake chaser into the hole, use the punch to drive the base of the stake chaser so that is at least 3" into the ground. This method has become very helpful in identifying base locations, by using white stake chasers you can mark the corners of the batters box and eliminate the need for using a batters box frame for every game.

QUICK FIELD LAYOUT Choose desired distance from backstop to the apex of homeplate (where black meets white at the rear of homeplate). Find your center in the middle of the backstop. This can be marked with a pipe hammered in from that spot, measure straight out toward the middle of the field and mark the desired Second base and pitcher's rubber (front edge) locations. Then scribe arcs at the proper distance at First and Third base proximity. Repeat by moving tape to Second base location and intersect arcs. Set First and Third at the outside back edge and Second at the middle.