

SOFTBALL

SPINBALL WIZARD SOFTBALL PITCH CHART ©2014 SPINBALL SPORTS LLC

PITCH	LEFT HANDED						UNDERHAND			RIGHT HANDED					
	CURVE	SCREWBALL	SINKING CURVE	RISING SCREWBALL	RISING CURVE	SINKING SCREWBALL	RISER	DROP	KNUCKLEBALL	SINKING CURVE	RISING SCREWBALL	RISING CURVE	SINKING SCREWBALL	SCREWBALL	CURVE
MACHINE ANGLE PITCHER'S VIEW															
PITCH SPEED															
40	60 35	35 60	$\frac{60}{35}$	$\frac{35}{60}$	$\frac{60}{35}$	$\frac{35}{60}$	$\frac{35}{60}$	$\frac{60}{35}$	$\frac{48}{48}$	$\frac{35}{60}$	$\frac{60}{35}$	$\frac{35}{60}$	$\frac{60}{35}$	60 35	35 60
45	67 40	40 67	$\frac{67}{40}$	$\frac{40}{67}$	$\frac{67}{40}$	$\frac{40}{67}$	$\frac{40}{67}$	$\frac{67}{40}$	$\frac{54}{54}$	$\frac{40}{67}$	$\frac{67}{40}$	$\frac{40}{67}$	$\frac{67}{40}$	67 40	40 67
50	75 45	45 75	$\frac{75}{45}$	$\frac{45}{75}$	$\frac{75}{45}$	$\frac{45}{75}$	$\frac{45}{75}$	$\frac{75}{45}$	$\frac{60}{60}$	$\frac{45}{75}$	$\frac{75}{45}$	$\frac{45}{75}$	$\frac{75}{45}$	75 45	45 75
55	82 50	50 82	$\frac{82}{50}$	$\frac{50}{82}$	$\frac{82}{50}$	$\frac{50}{82}$	$\frac{50}{82}$	$\frac{82}{50}$	$\frac{66}{66}$	$\frac{50}{82}$	$\frac{82}{50}$	$\frac{50}{82}$	$\frac{82}{50}$	82 50	50 82
60	90 55	55 90	$\frac{90}{55}$	$\frac{55}{90}$	$\frac{90}{55}$	$\frac{55}{90}$	$\frac{55}{90}$	$\frac{90}{55}$	$\frac{72}{72}$	$\frac{55}{90}$	$\frac{90}{55}$	$\frac{55}{90}$	$\frac{90}{55}$	90 55	55 90

THREE FUNDAMENTALS: 1) THE BALL CURVES AWAY FROM THE FASTER WHEEL. 2) THE GREATER THE WHEEL SPEED DIFFERENCE, THE GREATER THE CURVE. 3) PITCH SPEED IS THE AVERAGE OF THE WHEEL SPEEDS -16%.