













Shiitake Strain Chart

Strain Divisions and Characteristics	Strain Name	Image	Fruiting Temperatures*	Additional Details	Spring			Summer			Fall			Winter				
					3	4	5	6	7	8	9	10	11	12	1	2		
Wide Range •Best for beginners and for year-round commercial cultivation •Fastest spawn run, time to first fruit 6-12months •General temperature range 55-75°F •Can be force fruited for year round production if the above fruiting temps are provided •Mushroom quality and yield will be depressed in high heat and humidity	WR46		55-75°F	•Does best under cool nights and warm days such as found in high elevations •Short rests between fruitings in young logs •Quality can suffer with high humidity														
	West Wind		59-77°F	• Often better than other wide range strains in drought conditions •Short rests between fruitings in newer logs														
	Double Jewel		55-75°F	• Best production with cool nights and warm days •Tolerates humidity better than other wide range strains														
	Native Harvest		45-75°F	• Abundant natural fruiting in late summer through fall, also responds best to forced fruiting at this time • Fruits well on softer maples • Distinctive fine ornamentation on cap rim														
	Beltane		54-75°F	• Produces most heavily in spring • Often fruits in several distinct flushes over the season														
Warm Weather • These strains are bridge strains: some like a wide range, others more like cold weather strain. •General temperature range: 50-85°F •Mushroom quality is often better than wide range during warmest months •Spawn run time to first fruit 9-12 months. •These strains, as well as to a lesser extent the wide range are best choice when using soft hardwoods	Night Velvet		55-80°F	• Produces larger fruitings on older logs than wide range in the summer • Best strain for maples														
	WW70		50-80°F	• Excellent fall fruiter with long fruiting season • Especially good for extended fall harvest in the south														
	Bulochka		48-78°F	• Best at 50-77°F • Does well in high humidity/moisture areas • Good Indoor strain														
Cold Weather •Growers in the south will utilize outdoor fruiting of these strains in the winter months •Northern growers should expect concentrated early spring and fall fruitings from these strains •The mushrooms produced are breathtaking in appearance and have outstanding flavor and texture. •Spawn run time to first fruit 9-12 months. •General tempertaure range 45-70°F •Do not respond well to force fruiting • Logs can be irrigated in the South in the winter months during appropriate fruiting times for that strain to initiate heavy fruiting.	Bellwether		48-64°F	• Earliest to fruit of all cold weathers • Expectionally beautiful bell shaped cap • Heaviest fruiting occurs in spring														
	Miss Happiness		44-68°F	• Excellent fall fruiter • Long fruting season both spring and fall														
	Snow Cap		44-68°F	• Likes high humidity for winter production in the south • One of the first cold weathers to be introduced • Can be force fruited with misting system														
	Jupiter		43-64°F	• Natural fruiting time; winter in the south, early spring and light fruiting in the fall, can be force fruited outdoors in the warmer winter areas with misitng or soaking Dec thru March.														

*Fruiting temperatures are a general range

Indicates the time when mushrooms are MOST LIKELY to fruit naturally

Indicates the best time to force fruit logs (Force fruit logs by soaking for 8-12 hours in cold water)

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