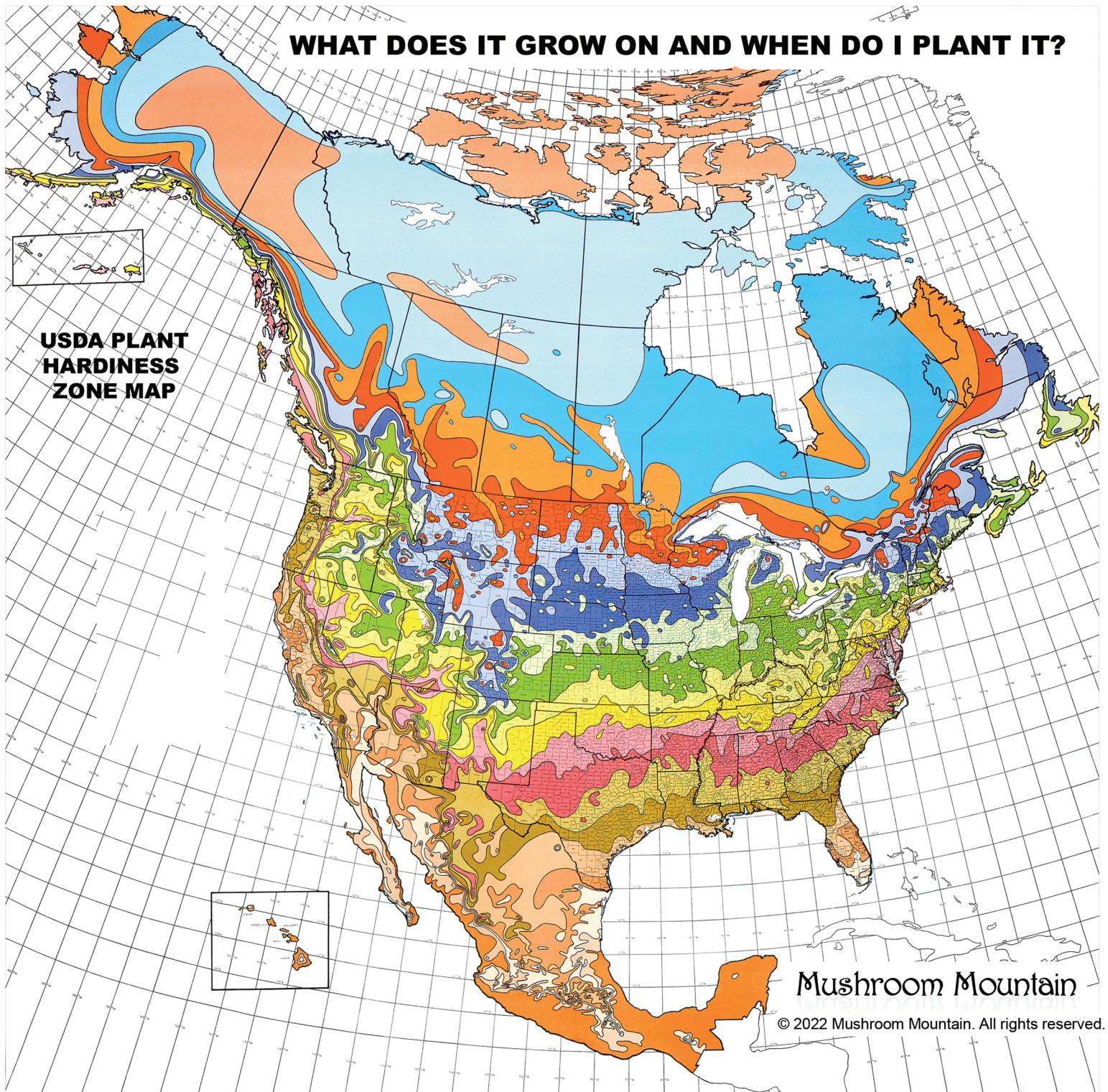


# WHAT DOES IT GROW ON AND WHEN DO I PLANT IT?



- Cut trees when sap is down.
- For places where it stays cold well into April, wait to inoculate until the temperatures outside are no longer freezing.
- All species on logs should be planted in the fall or spring, avoid planting in freezing temperatures.
- All oysters can be planted indoors year round, pink oyster is a tropical fungus and should be planted outdoors only spring through fall in containers.

## FRUITING ZONES

Common Name	Preferred Substrate	1	2	3	4	5	6	7	8	9	10	11
<b>Almond Portabella</b> <i>Agaricus blazei</i> <i>A. brasiliensis</i> <b>Fruit Temp: 70 - 90F</b>	Spent oyster mushroom substrate, composted livestock manure mixed with cereal straw (optional). Also can naturalize in your home kitchen compost pile.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Beefsteak</b> <i>Fistulina hepatica</i> <b>Fruit Temp: 60 - 70F</b>	Oak	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may	apr - may	nov, apr	dec - feb	

<b>Birch Polypore</b> <i>Fomitopsis betulinus</i> <b>Fruit Temp: 45 - 65F</b>	Almost exclusively on birch in higher elevations. This slow grower can tolerate most temps and will regulate its growth when ideal.	sep - jun	oct - may	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Black Poplar</b> <i>Cyclocybe aegerita</i> <b>Fruit Temp: 50 - 60F</b>	Hardwood chips and sawdust, hardwood logs.	sep - jun	oct - jul	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Blewit (Bluefoot)</b> <i>Lepista sordida</i> <b>Fruit Temp: 30 - 45F</b>	Hardwood chips and sawdust, hardwood logs.	sep - jun	oct - jul	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Blewit (Velvet)</b> <i>Lepista nuda</i> <b>Fruit Temp: 30 - 45F</b>	Hardwood leaf compost or composted livestock manure, compost, mixed with plants in gardens.	sep - jun	oct - jul	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Brick Top</b> <i>Hypholoma lateritium</i> <b>Fruit Temp: 32 - 50F</b>	This mushroom prefers hardwood logs laid out on the ground like a raft, covered with woodchips.	sep - jun	oct - may	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Cauliflower</b> <i>Sparassis crispa</i> <b>Fruit Temp: 50 - 70F</b>	Red pine, hemlock.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Chestnut Fungus</b> <i>Pholiota adiposa</i> <b>Fruit Temp: 50 - 70F</b>	Hardwood logs. Use raft method.	sep - jun	oct - may	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Chicken of the Woods</b> Chattooga <i>Laetiporus cincinnatus</i> <b>Fruit Temp: 60 - 80F</b>	White oak. CULTIVATION EXPERIMENTAL. PLANT IN STERILIZED WOOD ROUNDS.	jul - aug	jun - sept	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	apr - nov	all year	all year
<b>Chicken of the Woods</b> Cherry <i>Laetiporus sulphureus</i> <b>Fruit Temp: 60 - 80F</b>	Found on wild cherry. CULTIVATION EXPERIMENTAL. PLANT IN STERILIZED WOOD ROUNDS.	jul - aug	jun - sept	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	apr - nov	all year	all year
<b>Chicken of the Woods</b> Enoree <i>Laetiporus gilbertsonii</i> var. <i>pallidus</i> <b>Fruit Temp: 60 - 80F</b>	American elm. CULTIVATION EXPERIMENTAL. PLANT IN STERILIZED WOOD ROUNDS.	jul - aug	jun - sept	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	apr - nov	all year	all year
<b>Chicken of the Woods</b> Phil <i>Laetiporus gilbertsonii</i> var. <i>pallidus</i> <b>Fruit Temp: 60 - 80F</b>	White oak. CULTIVATION EXPERIMENTAL. PLANT IN STERILIZED WOOD ROUNDS.	jul - aug	jun - sept	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	apr - nov	all year	all year
<b>Enoki</b> <i>Flammulina velutipes</i> <b>Fruit Temp: 40 - 55F</b>	Most notable poplar, but other hardwoods as well, tree of heaven.	sep - jun	oct - may	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Giant Milky</b> <i>Calocybe indica</i> <b>Fruit Temp: 95 - 100F</b>	Shredded Cereal Straw (Oat, Wheat, Rye). Potting soil for casing.	sep - jun	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	all year
<b>Jack'O'Lantern</b> <i>Omphalotus olearius</i> <b>Fruit Temp: 60 - 70F</b>	Buried hardwood logs, especially oak.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	may - nov	dec - feb	
<b>King Stropharia</b> <i>Stropharia rugosoannulata</i> <b>Fruit Temp: 55 - 70F</b>	Hardwood mulch and woodchips, can be interplanted in your garden in the spring. Pasteurized straw indoors. Fruits spring and fall.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Lion's Mane</b> Conifer Coral <i>Hericium coralloides</i> <b>Fruit Temp: 65 - 75F</b>	Conifer stumps and logs, douglas fir.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Lion's Mane</b> Coral Tooth <i>Hericium abietis</i> <b>Fruit Temp: 65 - 75F</b>	Hardwood stumps and logs.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	

<b>Lion's Mane</b> Pom Pom <i>Hericium erinaceus</i> <b>Fruit Temp: 50 - 75F</b>	Black walnut, oak, beech, elm, maple, cherry, sterilized hardwood sawdust indoors.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Lion's Mane</b> Tufted <i>Hericium americanum</i> <b>Fruit Temp: 50 - 65F</b>	Black walnut, oak, beech, elm, maple, cherry, sterilized hardwood sawdust indoors.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Maitake</b> Clemson <i>Grifola frondosa</i> <b>Fruit Temp: 50 - 65F</b>	EXPERIMENTAL CULTIVATION Outdoor: stumps, roots, prefers hardwood like Oak and Green Ash, Cherry, Beech. PLANT IN STERILIZED WOOD ROUNDS.	jul	jun - sept	may	jun - jul	may - jun	may - jun	apr, may, oct	apr, may, oct	nov - apr	dec - feb	
<b>Maitake</b> Leigh <i>Grifola frondosa</i> <b>Fruit Temp: 50 - 65F</b>	EXPERIMENTAL CULTIVATION: Buried oak logs or stumps. PLANT IN STERILIZED WOOD ROUNDS.	jul	jun - sept	may	jun - jul	may - jun	may - jun	apr, may, oct	apr, may, oct	nov - apr	dec - feb	
<b>Morel</b> <i>Morchella spp.</i> <b>Fruit Temp: 52 - 56F</b>	EXPERIMENTAL CULTIVATION: Outdoors: can find growing on Sycamore, Ash, Elm, and fruit trees, such as apple.	jun - jul	may - jun	may	apr	apr	apr	mar				
<b>Nameko</b> <i>Pholiota macrospora</i> <b>Fruit Temp: 40 - 55F</b>	Cherry, beech, oak, birch, poplar, willow, fruit trees, many other hardwoods.	sep - jun	oct - may	sep - apr	sep - may	oct - apr	nov - mar	nov - mar	dec - feb			
<b>Oyster</b> Aspen <i>Pleurotus populinus</i> <b>Fruit Temp: 60 - 74F</b>	Hardwood (aspen) sawdust, cottonwood, alder, birch, oak, and even sometimes conifer trees.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Oyster</b> Brown <i>Pleurotus ostreatus</i> <b>Fruit Temp: 50 - 75F</b>	Hardwood logs and stumps: alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar. if fruiting indoors, please make sure you use opaque containers, as this mushrooms is photosensitive, and will fruit under the bags of seethrough containers.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Oyster</b> Cold Blue <i>Pleurotus ostreatus</i> <b>Fruit Temp: 35 - 50F</b>	Oak, sweetgum, poplar, and many other hardwood species. NEEDS COLD SHOCK once baby mushrooms form they can mature quickly at higher temperatures, then cold shocked again every few weeks.	sep - jun	oct - jul	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Oyster</b> Elf <i>Pleurotus nebrodensis</i> <b>Fruit Temp: 55 - 60F</b>	Hardwood sawdust, native to Sicily, where it grows on limestone. Relative of the King Oyster.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Oyster</b> Flamingo <i>Pleurotus salmoneostramineus</i> <b>Fruit Temp: 70 - 98F</b>	Grow outdoors in the tropics only. Planting it on wood in cooler temperatures will not work, as this is a tropical species. Indoors (straw, hardwood sawdust). STORE AT ROOM TEMPERATURE	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	all year
<b>Oyster</b> Golden <i>Pleurotus citrinopileatus</i> <b>Fruit Temp: 75 - 90F</b>	Hardwood logs and stumps. Alder, ailanthus, ash, aspen, beech, birch, box elder, cottonwood, elm, maple, oak, sweetgum, willow, tulip poplar.	jul - aug	jun - aug	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	nov - apr	dec - feb	all year
<b>Oyster</b> Grey Dove <i>Pleurotus ostreatus</i> <b>Fruit Temp: 60 - 70F</b>	Hardwood logs and stumps: mulberry, alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Oyster</b> King Black Pearl <i>Pleurotus ostreatus</i> <b>Fruit Temp: 50 - 68F</b>	Hardwood logs and stumps: mulberry, alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	
<b>Oyster</b> King <i>Pleurotus eryngii</i> <b>Fruit Temp: 50 - 65F</b>	Hardwoods. Originally from Europe, growing on herbacious plant roots.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr may oct	apr may oct	nov, apr	dec - feb	

<b>Oyster Mulberry</b> <i>Pleurotus ostreatus</i> <b>Fruit Temp: 20 - 75F</b>	Hardwood logs and stumps: mulberry, alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Oyster Pearl</b> <i>Pleurotus ostreatus</i> <b>Fruit Temp: 60 - 70F</b>	Hardwood logs and stumps: mulberry, alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Oyster Pink</b> <i>Pleurotus djamor</i> <b>Fruit Temp: 75 - 95F</b>	Grow outdoors in the tropics only. This tropical species will not grow on wood in cooler temps. Indoors (agricultural byproducts, spent coffee grounds, paper and cardboard, wheat straw and cotton hulls) STORE SPAWN AT ROOM TEMPERATURE.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	all year
<b>Oyster Phoenix</b> <i>Pleurotus pulmonarius</i> <b>Fruit Temp: 75 - 95F</b>	Hardwoods: alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar. Can fruit on conifer (pine), but not as well as on hardwoods.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Oyster POHU</b> <i>Pleurotus ostreatus</i> <b>Fruit Temp: 50 - 75F</b>	Oak, sweetgum, poplar, and many other hardwood species in the spring and fall.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Oyster Sporeless Brown</b> <i>Pleurotus ostreatus</i> <b>Fruit Temp: 55 - 75F</b>	Sterilized hardwood sawdusts, dried cereal straw (wheat, oat, rye), cotton waste, cardboard, and a multitude of other dried vegetable waste.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Oyster Tarragon</b> <i>Pleurotus euosmus</i> <b>Fruit Temp: 70 - 80F</b>	Hardwood logs, coffee waste, cottonseed hulls, straw and sterilized hardwood sawdust.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	jun - sep	may - oct	mar - nov	
<b>Oyster Warm Blue</b> <i>Pleurotus ostreatus</i> <b>Fruit Temp: 50 - 80F</b>	Hardwood logs and stumps: alder, ash, aspen, beech, birch, elm, maple, oak, sweetgum, box elder, cottonwood, willow, ailanthus, tulip poplar.	jul - aug	jun - aug	may - aug	jun - aug	may - aug	may - sep	apr - sep	apr - sep	all year		
<b>Paddy Straw</b> <i>Volvariella volvacea</i> <b>Fruit Temp: 80 - 110F</b>	Rice straw, slightly composted, dried vegetable wastes, cotton waste. Composted left over oyster substrate. Grow outdoors only in the hottest months of the year.				aug	aug	aug	aug	aug	all year	all year	all year
<b>Parasol</b> <i>Amerilepiota procera</i> <b>Fruit Temp: 60 - 70F</b>	Hardwood mulch, leaves, and composting grass clippings.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Reishi Black</b> <i>Ganoderma sinsensis</i> <b>Fruit Temp: 60 - 85F</b>	Hardwood logs and sawdust: oak, elm, maple, sycamore, beech, plum, peach, mimosa.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Reishi Antler/Bonsai</b> <i>Ganoderma multipileum</i> <b>Fruit Temp: 60 - 85F</b>	Hardwood logs and sawdust: oak, elm, maple, sycamore, beech, plum, peach, mimosa.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Reishi Golden</b> <i>Ganoderma curtisii</i> <b>Fruit Temp: 60 - 85F</b>	Hardwood logs and sawdust: oak, elm, maple, sycamore, beech, plum, peach, mimosa.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may oct	apr - may oct	nov, apr	dec - feb	
<b>Reishi Hemlock</b> <i>Ganoderma lucidum</i> <b>Fruit Temp: 60 - 85F</b>	Oak, cherry, maple, hemlock.	sep - jun	oct - jul	sep - may	sep - may	oct - apr	oct - apr	nov - may	nov - mar	dec - feb		
<b>Reishi Red</b> <i>Ganoderma lucidum</i> <b>Fruit Temp: 45 - 75F</b>	Hardwood logs and sawdust: oak, elm, maple, sycamore, beech, plum, peach, mimosa.	sep - jun	oct - jul	sep - may	sep - may	oct - apr	oct - apr	nov - may	nov - mar	dec - feb		

<b>Shaggy Mane</b> <i>Coprinus comatus</i> <b>Fruit Temp: 45 - 60F</b>	Composted manure, straw, or grasses and grass clippings, wood chips. Can be found in fairy rings on lawns, and in areas of hard packed soil.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may	apr - may	nov, apr	dec - feb	
<b>Shiitake Cold</b> <i>Lentinula edodes</i> <b>Fruit Temp: 40 - 68F</b>	Hardwood logs: alder, ash, birch, bitternut, cherry, chestnut, eucalyptus, hophorn beam, ironwood, maple, oak, pecan, sweet gum, sycamore, tulip poplar, walnut, willow.  Avoid these trees: beech, black locust, conifers, dogwood, elm, fruit trees, hackberry, hickory, sassafras, soft maples (red and striped).	sep - jun	oct - may	sep - apr	sep - may	oct - apr	oct - apr	nov - mar	nov - mar	dec - feb		
<b>Shiitake Warm</b> <i>Lentinula edodes</i> <b>Fruit Temp: 59 - 86F</b>		sep - jun	oct - may jul - aug	sep - apr jun - aug	sep - may	oct - apr jul - aug	oct - apr jul - sep	nov - mar jun - sep	nov - mar jun - sep	dec - feb may - oct	mar - nov	all year
<b>Shiitake Wide Range</b> <i>Lentinula edodes</i> <b>Fruit Temp: 50 - 75F</b>		jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may	apr - may	nov - apr	dec - feb	
<b>Shiitake Wild</b> <i>Lentinula edodes</i> <b>Fruit Temp: 40 - 55F</b>		sep - jun	oct - may jul - aug	sep - apr jun - aug	sep - may	oct - apr jul - aug	oct - apr jul - sep	nov - mar jun - sep	nov - mar jun - sep	dec - feb may - oct	mar - nov	all year
<b>Shimeji</b> <i>Hypsizygus tessellatus</i> <b>Fruit Temp: 55 - 65F</b>	Hardwood logs: Elm, cottonwood, maple, willow, beech, oak sycamore. Also on straw and sawdust.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may	apr - may	nov - apr	dec - feb	
<b>Tiger Sawgill</b> <i>Lentinus tigrinus</i> <b>Fruit Temp: 75 - 95F</b>	Hardwood Logs: oak, alder, ash, aspen, beech, birch, chestnut, elm, eucalyptus, hickory, honey locust, maple, plum, poplar, sweetgum, pecan, walnut, ironwood, cherry and others.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	may - oct	may - nov	all year	
<b>Turkey Tail</b> <i>Trametes versicolor</i> <b>Fruit Temp: 55 - 70F</b>	Prefers hardwood such as oak, alder, ash, aspen, beech, birch, chestnut, elm, eucalyptus, hickory, honey locust, maple, plum, poplar, sweetgum, pecan, walnut, ironwood and cherry. Rarely found growing on conifers. Wild fruiting typically late summer and persisting all winter.	aug	jul - aug	jun - aug	aug	jul - aug	jul - sep	jun - sep	may - oct	may - nov	all year	
<b>Wood Ear</b> <i>Auricularia auricula</i> <b>Fruit Temp: 50 - 70F</b>	Hardwood logs and stumps: oak, alder, ash, aspen, beech, birch, chestnut, elm, eucalyptus, hickory, honey locust, maple, plum, poplar, sweetgum, pecan, walnut, ironwood, cherry and others.	jul	jun - sep	may	jun - jul	may - jun	may - jun	apr - may	apr - may	nov, apr	dec - feb	