## HOPS, HORSERADISH, and RHUBARB 2023

HOPS	
Cascade	Zones 3-8. A very popular hop for pale ales and IPAs, with dense, medium sized cones. Flavor and aroma have floral, spice, and citrusy notes, moderately bitter, alpha acid 5.5% - 9%.
Centennial	Zones 3-8. A balanced hop for pale ales and IPAs, smooth, strong; flavor and aroma have a citrusy edge, floral tones; more bitter and less flowery than Cascade, alpha acid 9.5%-11.5%.
Nugget	Zones 3-8. A very bitter, strong hop with an intense, woody, herbal aroma; alpha acid 12-14%; used in stouts, ales, barley wine, Saisons, Biere de Garde.
Willamette	Zones 3-8. A 'Fuggle type' hop (Fuggle is an English variety) that is milder than Nugget, smooth, with a flowery, herbal aroma; alpha acid 4-6%; used in lagers, porters, pale ales, stouts.
HORSERADISH	
Horseradish note:	<ul> <li>Root can be harvested after one year, either in late fall or early spring; best flavor after a frost. Grated (you can use a grater, microplane, blender, or food processor) and mixed with vinegar and salt, it makes a spicy, pungent condiment. However you grate it, be sure to keep your face masked and away from the fumes-processing horseradish outdoors is a good idea! Vinegar stabilizes hotness-add immediately after grinding for mild, add 3 minutes after grinding for hot.</li> <li>Horseradish is a well known spreader, so be thoughtful about where you plant it: it likes full sun, so an isolated sunny spot would be sensible, or a spot at the very end of your veggie garden, as long as the location will get regular water. Plant where you can just leave it be, as it is difficult to get rid of. You also might consider growing it in a container.</li> <li>Soil should be well drained and amended with organic materials such as compost; a thick mulch will protect it in the heat of summer. Keep it well watered and weeded; once established, it will push out weeds. Cut off any flowers, so that the plant will send more energy to the roots and also to prevent seeding.</li> <li>Horseradish is considered a "dynamic accumulator" in permaculture, which means it has deep roots that gather micro nutrients, macro nutrients, or minerals from the soil and then, when the plant decomposes, the nutrients are available to other plants. That's why orchard keepers grow plants like hoseradish and comfrey around their trees-they bloom and attract pollinators, they spread and choke out weeds, and when their leaves decompose, after frost or mowing, they feed the trees.</li> </ul>
Horseradish	Zones 3-9 <i>Armoracia rusticana.</i> Perennial. Ht. 2-3 ft. Spreads vigorously; may be grown in a container. Full sun.
Big Top Horseradish	Zones 3-7 <i>Armoracia rusticana</i> . Another cultivar of horseradish, with large, very wide leaves, good resistance to leaf rust, bacterial root rot. Especially vigorous and large, up to 5 ft. tall. Spreads robustly; may be grown in a container. Full sun.
RHUBARB	
Rhubarb note:	Plant rhubarb at the depth it is in the pot - planting too deep can cause water to collect and rot the crown. Over the years, as we add amendments to our gardens, rhubarb can get buried too deep. If you notice that your rhubarb is performing poorly (few and skinny stalks), before you give up and buy a new one, try this: take a garden fork, lift up the whole plant, and put more soil under it, so that the crown is above soil level. Your rhubarb will feel much better!
Chipmans Canada Red	Zones 3-8. One of the sweetest red rhubarbs, tall, plump, and brilliantly red stems that don't fade in cooking, perfect for sauces, preserves and pies. Seldom goes to seed; enormous round, crinkled green leaves. Grows about 3 feet tall by 3 feet wide.

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	Zones 2-9. Big crinkled leaves and long, thick, crimson stalks; used for delicious pies, desserts and
	sauces. This variety is noted for its tenderness, full rich flavor, heavy yields and excellent red
Crimson Cherry	color. Grows about 3 feet tall and up to 5 feet wide.
	Note: the next 2 rhubarbs, Next Generation and Tina's Noble, were all grown from seed
	imported from Australia. We don't know their hardiness zone here, but rhubarb is a very
	hardy plant in general, most often at least zones 3-8. Let us know what you think of these
	plants!
	Zones? A very bright red rhubarb, hardy and disease free; excellent for pies, desserts, and sauces.
Next Generation	Seeds from French Harvest in Australia, result of years of cross-breeding.
Tina's Noble	Zones? A ruby red rhubarb that seldom goes to seed, thick stalks and great for pies, desserts, and
	sauces. Seeds from French Harvest in Australia, result of years of cross breeding.
	Zones 2-9. Heirloom - in commerce since 1837. Victoria Rhubarb can be grown from seed, and the
	Victoria Rhubarb for sale at Edwards was grown from seed in our greenhouses. Early, abundant
	yields of smooth, tender, greenish-pink stalks that are red at the base. Flavor is sweet and tart.
	Versatile in the kitchen for pies, desserts, sauces and preserves, ornamental in the garden. Cut
Victoria	flower stalks to prolong harvest. Grows 3-5 ft. wide and tall.