

**Missouri Malt Supply - 2017 Hop Price Sheet** [momalt.com](http://momalt.com)

*Packaged in Oxygen Barrier Mylar Bags. Vacuum Sealed or Nitrogen Flushed N2 HopPack™ Stored at -20 °C. Freshness Guaranteed.*



US Hops  
In Stock

Hop Variety	Country of Origin	Hop Type	AA %	Pricing - USD								Hop Description
				1 oz Pack		4 oz Pack		8 oz Pack		16 oz Pack		
				\$/ pack	\$/ oz	\$/ pack	\$/ oz	\$/ pack	\$/ oz	\$/ pack	\$/ oz	
1 <b>Ahtanum</b>	US ▼	T-90 Pellet	5 - 6 %	2.19	2.09	8.36	1.99	15.92	1.59	25.50	Characteristics include citrus, floral, pine, and earthy notes. More grapefruit forward than Cascade. Moderate bittering.	
2 <b>Amarillo®</b>		T-90 Pellet & Whole Leaf	8 - 11 %	2.79	2.69	10.76	2.59	20.72	2.31	36.99	Cinnamon and herbal character with grapefruit aroma. Excellent flavor and aroma hop for American ales.	
3 <b>Apollo</b>		T-90 Pellet	15 - 19 %	1.99	1.89	7.56	1.79	14.32	1.87	29.90	A high alpha hop well suited for IPAs or double IPAs. Citrus flavors with orange, resinous, spicy notes.	
4 <b>Azacca®</b>		T-90 Pellet	14 - 16 %	2.79	2.69	10.76	2.59	20.72	2.25	35.99	Azacca® is big in citrus and tropical fruit tones. It's excellent aromatic qualities have quickly made Azacca® a go-to hop for late and dry hop additions in varying styles of beer.	
5 <b>Bravo</b>		T-90 Pellet	14.6 %	1.99	1.89	7.56	1.79	14.32	1.28	20.49	Bravo is an excellent high alpha bittering hop that provides pleasant fruity and floral aroma characteristics. Use in American pale ales, IPA's and double IPA's. Smooth bittering hop.	
6 <b>US Brewer's Gold</b>		T-90 Pellet	8 - 10 %	1.99	1.89	7.56	1.79	14.32	1.31	20.99	A bittering hop that is noted to have a sharp bittering quality and imparts a fruity yet spicy aroma. Brewer's Gold can be used in a wide range of styles from English Ales to German Lagers and adds a decidedly "European" element to the beer. These make a good partner to noble varieties such as Tettnang and Hallertau.	
7 <b>Calypso</b>		T-90 Pellet	12 - 14 %	2.59	2.49	9.96	2.39	19.12	2.09	33.49	Dual purpose hop with a pleasantly complex fruity and citrusy aroma. Hints of pear, apple, sweet lemonlime, mint as well as notes of earthy tea.	
8 <b>Cascade (Pacific Northwest)</b>		T-90 Pellet & Whole Leaf	5 - 8 %	1.99	1.89	7.56	1.79	14.32	1.25	19.99	Provides a unique floral/spicy/ grapefruit character to beer; aroma variety with well balanced bittering potential. Classic American pale ale hop. Prominent hop in S-N Pale Ale.	
9 <b>Michigan Cascade</b>		T-90 Pellet	0.1	NA	2.29	9.16	2.19	17.52	1.37	21.99	Fresh Michigan Cascade hops! Floral, citrus and spice with noticeable grapefruit flavors. Grown on family farms just outside Traverse City, Michigan.	
10 <b>Centennial (Pacific Northwest)</b>		T-90 Pellet & Whole Leaf	9 - 11.5 %	2.29	2.29	9.16	2.09	16.72	1.56	24.99	A well-balanced dual-purpose bittering/aroma hop reminiscent of Cascade (sometimes known as "Super Cascade"). Use with Cascade for American pale ales. Floral, citrus (lemon rind) and piney.	
11 <b>Michigan Centennial</b>		T-90 Pellet	9 - 11.5 %	NA	2.49	9.96	2.39	19.12	1.69	26.99	Fresh Michigan Cascade hops! Well-balanced dual-purpose bittering/aroma hop reminiscent of Cascade (sometimes known as "Super Cascade"). Use with Cascade for American pale ales. Floral, citrus (lemon rind) and piney.	
12 <b>Chinook</b>		T-90 Pellet & Whole Leaf	12 - 14 %	1.99	1.89	7.56	1.79	14.32	1.41	22.50	A high alpha-acid hop with a highly acceptable beer aroma profile, smooth bitterness, full flavor. Intense spice, pine, grapefruit and apricot flavors.	
13 <b>Michigan Chinook (Organic)</b>		T-90 Pellet	11.8	NA	2.29	9.16	2.19	17.52	1.37	21.99	Fresh Michigan Chinook organic hops! These hops deliver intense piney, citrus, and grapefruit flavors. High bittering properties. Can be used for bittering or for late kettle additions. Grown in the Traverse City, Michigan area. 11.8 % alpha and 3.9 % beta.	
14 <b>Citra</b>		T-90 Pellet	11 - 13 %	2.49	2.39	9.56	2.29	18.32	2.00	31.99	A new, moderately-high acid cross between Hallertau Mittelfruh, U.S. Tettnanger, Bavarian, Brewers Gold and E.K. Golding. Very fruity. Used in Sierra Nevada Torpedo IPA and strong American and Belgian ales.	
15 <b>Cluster</b>		T-90 Pellet	5.5 - 8.5 %	1.99	1.89	7.56	1.79	14.32	1.25	19.99	Dual purpose bittering and aroma hop. Oldest variety US grown hop. Excellent bittering with well-balanced flavor. Good for dark beers and in a Classic American Pilsner.	
16 <b>Columbus (CTZ)</b>		T-90 Pellet & Whole Leaf	14 - 16 %	1.99	1.89	7.56	1.79	14.32	1.22	19.49	High on the bittering scale yet also valued for its oil content creates a hop that is an interesting dichotomy of sharp and herbal. Intense pungent, herbal and floral.	
17 <b>Crystal</b>		T-90 Pellet	3.5 - 5.5 %	2.19	2.09	8.36	1.99	15.92	1.50	23.99	The most pungent of the new triploid Hallertau family. Great for lager beers, Kolsch, ESB, Pilsner, IPA, Pale Ale & Belgian Ales.	
18 <b>Delta</b>		T-90 Pellet	5.5 - 7 %	2.49	2.39	9.56	2.29	18.32	1.50	23.99	New American aroma hop. Cross between Fuggles and Cascade. Mild and pleasant. Slightly spicy with a hint of citrus. Perfect in an ESB, Pale Ale, Bitter or a Porter.	
19 <b>Denali</b>		T-90 Pellet	13 - 15 %	2.49	2.39	9.56	2.29	18.32	2.09	33.49	Denali has a big aroma that imparts pineapple with notes of citrus and pine.	
20 <b>El Dorado</b>		T-90 Pellet	14 - 16 %	2.59	2.49	9.96	2.39	19.12	2.19	34.99	New American dual purpose hop. Citrus tropical fruit flavor and aromas. Also hints of pear, watermelon candy and stone fruit flavors. Wonderful in American Pale Ales, IPA's or double IPA's.	
21 <b>Eureka</b>		T-90 Pellet	17 - 19 %	2.59	2.49	9.96	2.39	19.12	2.06	32.99	Aromas of black currant, dark fruits, strong herbal notes and pine tree.	



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				1 oz Pack		4 oz Pack		8 oz Pack		16 oz Pack		
				\$/ pack	\$/ oz	\$/ pack	\$/ oz	\$/ pack	\$/ oz	\$/ pack	\$/ oz	
22 Falconer's Flight™		T-90 Pellet	11 - 12 %	2.49	2.39	9.56	2.29	18.32	1.81	28.99	Hop Union's novel proprietary pellet blend is comprised of many of the Northwest's most unique hop varieties and is perfect for any Northwest-style IPA. Imparts distinct tropical, citrus, floral, lemon and grapefruit tones.	
23 Falconer's Flight™ 7 C's		T-90 Pellet	9 - 10 %	2.49	2.39	9.56	2.29	18.32	1.81	28.99	A second and different FF proprietary pellet blend is comprised of many of the Northwest's most unique hop varieties and is perfect for any Northwest-style IPA. Imparts distinct tropical, citrus, floral, lemon and grapefruit tones.	
24 Galena		T-90 Pellet	12 - 14 %	1.79	1.69	6.76	1.59	12.72	1.19	18.99	Excellent high alpha bittering hop. Has a fruity, candy-like, slightly citrusy and herbal tones. Used in American Ales and Lagers.	
25 Glacier		T-90 Pellet	5 - 7 %	1.99	1.89	7.56	1.79	14.32	1.41	22.49	An excellent new variety with balanced bittering properties combined with a good aroma profile.	
26 Horizon		T-90 Pellet	11 - 13 %	2.59	2.49	9.96	2.39	19.12	2.00	31.99	Medium alpha, good aroma, dual purpose hop. Low co-humulone results in clean tasting beer. All ales and lagers.	
27 Jarrylo®		T-90 Pellet	15 - 17 %	2.99	NA	NA	NA	NA	NA	NA	Named after Jarilo, the Slavic god of fertility and springtime. Jarrylo's® banana, pear, spice aroma translates perfectly to Pale Ales, Saisons and Belgians.	
28 Liberty		T-90 Pellet	3 - 5 %	2.29	2.19	8.76	2.09	16.72	1.69	26.99	Provides a pleasant floral character to beer; aroma variety with marked similarities to Hallertau Mittelfruh.	
29 Lemondrop		T-90 Pellet	5 - 7 %	2.69	2.59	10.36	2.49	19.92	2.19	34.99	Notes of lemon, mint, green tea and slight melon.	
30 Magnum (Yakima)		T-90 Pellet	12 - 14 %	1.99	1.89	7.56	1.79	14.32	1.37	21.99	A German thoroughbred with limited Pacific Northwest plantings. Prized for its high bittering value, the aromatic nature is one of mild spice and citrus.	
31 Millennium		T-90 Pellet	14 - 16.5 %	1.99	1.89	7.56	1.79	14.32	1.25	19.99	Highly valued bittering hop. Very pleasant with a spicy aroma. Similar to Nugget.	
32 Mosaic (HBC 369CV)		T-90 Pellet	12 - 14 %	2.29	2.19	8.76	2.09	16.72	1.94	30.99	Daughter of Simcoe. A dual purpose hop rich in mango, lemon, citrus, earthy pine, tropical fruit, herbal and stone fruit notes. Perfect in an American IPA and other American ales.	
33 Mt. Hood		T-90 Pellet	5 - 8 %	1.99	1.89	7.56	1.79	14.32	1.59	25.49	Aroma variety with similarities to the German Hallertau and Hersbrucker. Suitable in German and American style lagers.	
34 Northern Brewer		T-90 Pellet	8 - 10 %	2.19	2.09	8.36	1.99	15.92	1.87	29.99	Well-adapted hop with its neutral, clean aroma and slightly higher-than-average bittering value. Dual purpose.	
35 Nugget		T-90 Pellet	12 - 14 %	1.99	1.89	7.56	1.79	14.32	1.19	18.99	A high-alpha American bittering hop with clean bitterness and delicate hop aroma. Very versatile.	
36 Palisade		T-90 Pellet	5 - 6 %	2.29	2.19	8.76	2.09	16.72	1.41	22.49	Flavors of nectar fruits and citrus, aromas that are floral, herbaceous and grassy.	
37 Experimental Hop (#07270)		T-90 Pellet	15 - 16 %	2.89	2.79	11.16	2.69	21.52	2.12	33.99	Simcoe-like and imparts aromas of tangerine/mandarin with the flavor of ripe peach, apricot, and mango.	
38 Simcoe™		T-90 Pellet & Whole Leaf	12 - 14 %	2.49	2.39	9.56	2.29	18.32	1.94	30.99	A dual-purpose, unique American hybrid. Primarily a bittering hop, it has a clean, pine-like aroma and flavoring with a hint of citrus. It is less astringent than other pine-like hops and is sought after to make Pale Ales like Weyerbacher Double Simcoe IPA. Flavor is believed superior due to low cohumulone levels.	
39 Sorachi Ace		T-90 Pellet	11 - 13 %	2.89	2.79	11.16	2.69	21.52	2.37	37.90	Smooth, clean hop bitterness, low cohumulone, pine and citrus aroma and flavor. Excellent for bittering IPA's. Can also be used for aroma hop additions.	
40 Sterling		T-90 Pellet	6 - 9 %	1.99	1.89	7.56	1.79	14.32	1.56	24.99	Herbs and spices dominate, flowers and citrus around the fringes. Moderate bittering values with a mix of Saaz and Mt. Hood properties.	
41 Summit		T-90 Pellet	17 - 19 %	1.99	1.89	7.56	1.79	14.32	1.37	21.99	Has an herbal spicy character with citrus and grapefruit flavors. It can be used for bittering or dry hopping.	
42 Warrior		T-90 Pellet	15 - 17 %	1.99	1.89	7.56	1.79	14.32	1.50	23.99	Its high bittering value and very mild aroma offers new dimensions to IPA & Double IPA brewers.	
43 Willamette		T-90 Pellet & Whole Leaf	4 - 6 %	1.99	1.89	7.56	1.79	14.32	1.16	18.49	Widely used aroma hop. Modest bittering value. Adds the joyous harmony of flowers, fruit, earth and spice character to beers. Versatile, its flavor works well in many styles.	
44 Zythos		T-90 Pellet	10 - 11 %	2.29	2.19	8.76	2.09	16.72	1.49	23.90	Hop Union's proprietary blend of hops, designed for complex flavor in IPAs and similar hoppy American styles. Zythos is strongly aromatic, with tangerine, lemon, grapefruit, and pine notes. Try it in place of Amarillo, Sorachi Ace, or Simcoe.	



Import Hops  
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				1 oz Pack \$/ pack	4 oz Pack \$/ oz	4 oz Pack \$/ pack	8 oz Pack \$/ oz	8 oz Pack \$/ pack	16 oz Pack \$/ oz	16 oz Pack \$/ pack		
1 Galaxy	Australia	T-90 Pellet	13 - 16 %	2.79	2.69	10.76	2.59	20.72	2.19	34.99	Australian high alpha hop well suited for late and dry hopping. Rich in passion fruit, citrus, apricot, melon and black currant flavors. Use in Pale Ales, IPA's and double IPA's.	
2 Nelson Sauvign	New Zealand ▼	T-90 Pellet	12 - 13 %	2.89	NA	NA	NA	NA	NA	NA	Distinct cool climate and white wine "fruitiness" with fresh crushed gooseberry and grape infused flavors.	
3 Pacific Gem	New Zealand	T-90 Pellet	13 - 16 %	NA	1.99	7.96	1.89	15.12	1.56	24.99	A high alpha acid hop variety from New Zealand. Pacific Gem has strong bittering properties and adds earthy and oaken flavors with a distinct blackberry aroma. Well suited in pale ales, amber ales, brown ales, porters and stouts.	
4 Saaz (Noble Hop)	Czech	T-90 Pellet & Whole Leaf	3 - 4.5 %	2.29	2.19	8.76	2.09	16.72	1.56	24.99	One of the four true Noble varieties. Distinct mild spice aroma and mild flavor. Saaz hops define Pilsner Urquell, Budejovice Budweiser and Morgan Street Golden Pilsner.	
5 French Strisselspalt	France	T-90 Pellet	2.3 %	2.19	2.09	8.36	1.99	15.92	1.44	22.99	A very mild hop. Adds hoppy, black currant character. Strisselspalt Hops are one of the few varieties from France, essential for use in classic Belgian and French ales.	
6 Bavarian Mandarina	Germany ▼	T-90 Pellet	8.5 %	2.99	2.89	11.56	2.79	22.32	2.50	39.99	A new German variety with a pleasant citrusy fruitiness and notes of fruity mandarin orange and tangerine.	
7 Hallertau Blanc		T-90 Pellet	9 - 12 %	2.99	2.89	11.56	2.79	22.32	2.50	39.99	Floral and fruity with gooseberry, passion fruit, grapefruit, pineapple, grape and lemongrass overtones.	
8 Hallertau Hersbrucker		T-90 Pellet	2 - 5 %	1.99	1.89	7.56	1.79	14.32	1.44	22.99	Highly prized flavor and aroma hop. Spicy and herbal with hints of citrus and stone fruit. Versatile and used in all types of German-style beers.	
9 Hallertau Mittelfrüh (Noble Hop)		T-90 Pellet	3 - 5 %	1.99	1.89	7.56	1.79	14.32	1.50	23.99	Classic German aroma hop associated with Bavarian style Lager and Pilsner beers. Herbal, spicy, mildly woody aroma and flavors. Use in lagers, bocks, pilsners and weizens. One of the four true noble hops.	
10 Huell Melon		T-90 Pellet	7.0 %	2.99	2.89	11.56	2.79	22.32	2.50	39.99	A new German hop variety with distinct fruit characteristics that include honeydew melon, apricot and strawberry notes.	
11 Magnum		T-90 Pellet	12 - 14 %	1.99	1.89	7.56	1.79	14.32	1.31	20.99	A German thoroughbred. Prized for its high bittering value. Bittering is very assertive, clean, and pleasant with some floral German "noble" character.	
12 Northern Brewer		T-90 Pellet	8 - 10 %	1.99	1.89	7.56	1.79	14.32	1.44	22.99	Provides clean bittering quality in finished beer. German Northern Brewer aroma presents a medium to strong evergreen, wood and mint attributes.	
13 Perle		T-90 Pellet	7 - 10 %	1.99	1.89	7.56	1.79	14.32	1.44	22.99	A well accepted dual-purpose hop. Balanced minty bittering and highly acceptable good "green hop" aroma properties. Bittering hop for use in all lagers.	
14 Polaris		T-90 Pellet	19 - 21 %	NA	1.89	7.56	1.79	14.32	1.56	24.99	New German hop variety. High alpha hop with an aroma described as "ice candy," eucalyptus, peppermint, and citrus. Perfect in a Bavarian IPA or other ales or lagers.	
15 Spalt (Noble Hop)		T-90 Pellet	3 - 5 %	1.99	1.89	7.56	1.79	14.32	1.56	24.99	From the Bavarian town of Spalt. Traditional slightly spicy and pleasant noble hop aroma. Similar to Saaz. One of the four true noble hops.	
16 Tett nang (Noble Hop)		T-90 Pellet	3.5 - 5.5 %	1.99	1.89	7.56	1.79	14.32	1.56	24.99	Spicier than Hallertau. Its rich flavor and flowery nose make it a versatile and favorite lager, as well light ale hop. One of the original "noble" hops grown in Tett nang.	
17 Lublin	Poland ▼	T-90 Pellet	3 - 4.5 %	NA	1.79	7.16	1.69	13.52	1.31	20.99	Noble-like finishing hop. Used for light bittering, flavoring, aroma and dry hopping. Very well known and popular with Belgian brewers. Widely believed to belong to the SAAZ family. Pure original Polish thoroughbred.	
18 Marynka		T-90 Pellet	8.6 %	NA	1.79	7.16	1.69	13.52	1.31	20.99	Exceptionally well-balanced and versatile. True dual purpose variety. Used for bittering, flavoring, aroma and dry hopping in moderation. Bred in Poland.	
19 Styrian Goldings	Slovenia	T-90 Pellet	4 - 6 %	1.99	1.89	7.56	1.79	14.32	1.44	22.99	A world-renowned aroma hop with wide usage in both ale and lager brewing. Use in Belgian ales, English ales, ESB's, Pilsners, and lagers. Delicate and slightly spicy.	
20 Bramling Cross	UK ▼	T-90 Pellet	4.8 %	2.29	2.19	8.76	2.09	16.72	1.50	23.99	A general-purpose kettle hop. In late or dry hop additions adds special fruity, blackcurrant and lemon notes. Use in English or American ales. An interesting hop that is very versatile.	
21 Challenger		T-90 Pellet	6.5 - 8.5 %	2.29	2.19	8.76	2.09	16.72	1.47	23.49	Dual purpose hop. Fruity with some spicy overtones. It blends well with other English varieties and is sometimes used as a late hop and dry hop.	
22 Fuggle		T-90 Pellet	4 - 5.5 %	2.29	2.19	8.76	2.09	16.72	1.50	23.99	Classic English aroma hop with a mild and woody aroma. Especially good in English ales, pale ales, porters and stouts.	
23 East Kent Golding		T-90 Pellet & Whole Leaf	4 - 5.5 %	2.29	2.19	8.76	2.09	16.72	1.56	24.99	The refined older English gentleman with his flowery tones that have produced some of England's best bitters.	
24 Northdown		T-90 Pellet	8 - 10 %	2.29	2.19	8.76	2.09	16.72	1.44	22.99	English dual-purpose hop with excellent flavor and aroma characteristics. Derived from Northern Brewer. Use in English ales and porters.	
25 Target		T-90 Pellet	9.5 - 12.5 %	2.29	2.19	8.76	2.09	16.72	1.44	22.99	Widely used English hop for bittering and aromatic qualities. Plenty of English hop character. Interesting as a dry hop. Use in English ales and lagers.	

Missouri Malt Supply. Updated March 13, 2017