

**Mac's Home Brew 836 N. 5th St., Quincy, IL 62301 (217)316-4481 PALLET ORDER PRICES**

Terms: Payment must be made in the form of cash or check when placing your order. Tax not included in prices.

**BREWER'S BEST EQUIPMENT KITS**

**1000 BREWER'S BEST® EQUIPMENT KIT**

reg. \$86.95 sale \$65.20

Equipment kit includes: 6.5 Gallon "Ale Pail" Primary Fermenter with Lid, 6.5 Gallon "Ale Pail" Bottling Bucket with Spigot, Easy Clean No-Rinse Cleanser, Siphon and Bottling Setup, "Home Beermaking" Book, Hydrometer, Liquid Crystal Thermometer, Bottle Brush, Twin Lever Capper, Airlock, Bucket Clip, Equipment Instructions

**1002 DELUXE BREWER'S BEST® EQUIPMENT KIT**

reg. \$160.89 sale \$120.85

Equipment kit includes: 6.5 Gallon "Ale Pail" Primary Fermenter with Lid, 6.5 Gallon "Ale Pail" Bottling Bucket with Spigot, 5 Gallon Glass Carboy, "Home Beermaking" Book, Easy Clean No-Rinse Cleanser, Twin Lever Capper, Triple Scale Hydrometer, Siphon Hose and Shut-Off Clamp, Drilled Universal Carboy Bung, Liquid Crystal Thermometer, Lab Thermometer, Brew Paddle, Fermtech Auto Siphon, Airlock, Bottle Filler, Bottle Brush, Carboy Brush, Equipment Instructions

**1002BB DELUXE BREWER'S BEST® EQUIPMENT KIT W/ BETTER BOTTLE® CARBOY**

reg. \$136.15 sale \$102.10

Equipment kit includes: 6.5 Gallon "Ale Pail" Primary Fermenter with Lid, 6.5 Gallon "Ale Pail" Bottling Bucket with Spigot, 5 Gallon Better Bottle® Carboy, "Home Beermaking" Book, Easy Clean No-Rinse Cleanser, Triple Scale Hydrometer, Drilled Rubber Stopper, Liquid Crystal Thermometer, Lab Thermometer, Siphon Hose and Shut-Off Clamp, Brew Paddle, Airlock, Twin Lever Capper, Bottle Filler, Fermtech Auto Siphon, Bottle Brush, Equipment Instructions

**1003 BREWER'S BEAST EQUIPMENT KIT**

reg. \$202.00 sale \$150.00

Equipment kit includes: 6.5 Gallon "Ale Pail" Primary Fermenter with Grommated Lid, 6.5 Gallon "Ale Pail" Bottling Bucket with Spigot, Easy Clean No-Rinse Cleanser, Auto-Siphon, 5 Gallon Glass Carboy, Plastic Paddle, Carboy Brush, Hydrometer, Liquid Crystal Thermometer, Bottle Brush, Black Beauty Capper, Econolock, Drilled Bung, Lab Thermometer, Bottle Filler, Siphon Hose with Shut-off Clamp, IO-Star, 20 qt. Brew Pot, Equipment Instructions

**1003BB BREWER'S BEAST EQUIPMENT KIT W/ BETTER BOTTLE® CARBOY**

reg. \$186.69 sale \$139.98

Equipment kit includes: same as #1003 with 5 Gallon Better Bottle® Carboy instead of 5 Gallon Glass Carboy

**1004 BREWER'S BEST® ONE GALLON BEER EQUIPMENT KIT**

reg. \$58.39 sale \$43.79

Brewer's BeAst's little brother - the 1 Gallon Brewer's Best® Equipment Kit.

Contains all the equipment you need to start brewing one gallon of craft beer.

Equipment kit includes: 2 gallon Fermenting Bucket with Lid, Clear One Gallon Glass Jug, Easy Clean No-Rinse Cleanser, Mini Auto-Siphon, Beer Bottle Brush, Hydrometer, Liquid Crystal Thermometer, Bottle Brush, Econolock, Lab Thermometer Siphon Hose with Shut-off Clamp, IO-Star, Test Jar, Equipment Instructions

## Brewer's Best® Ingredient Kits

Classic Recipes - All recipes conform to AHA Style Guidelines and include all the ingredients with proven recipes to produce prize-winning brews.

1005 VIENNA LAGER Reg \$37.00 Sale \$27.75

Munich, Vienna and caramel malts combine to provide a rich malt aroma. When lagered this beer will finish clean and dry with no fruity esters. Vienna Lager is moderately hopped. This kit includes a lager yeast that will also perform well if fermented at ale temperatures.

1006 ENGLISH PALE ALE Reg \$39.90 Sale \$29.93

A classic English style that yields medium-high bitterness above a foundation of caramel maltiness. Hop character is derived from heavy bittering addition. This is a well-balanced, drinkable Special Bitter.

1007 AMERICAN AMBER Reg \$37.90 Sale \$28.43

Pale ale malt combined with medium caramel malt create a rich, copper color. Bitterness is balanced to match the malt character. Smooth clean finish with moderate carbonation level.

1008 CONTINENTAL PILSNER Reg. \$43.00 Sale \$32.25

One of the world's classic beer styles, this recipe is best enjoyed when lagered. Pilsner malt extract produces a straw color. A dry beer that finishes with ample hop bitterness. This kit includes a lager yeast that will also perform well if fermented at ale temperatures.

1010 RED ALE Each \$41.90 Sale \$31.43

A medium-light bodied ale with a deep red hue. Our Red Ale is smooth and easy drinking. Nice balance of caramel malts and specialty grains. Low hop bitterness.

1011 AMERICAN CREAM ALE Reg \$38.50 Sale \$28.88

An ale version of the American lager style. Clean, light and simple to brew. Faint malt notes with a hint of corn-like presence. An easy drinker.

1012 AMERICAN PALE WHEAT Reg \$41.90 Sale \$31.43

An easy drinking ale blending the styles of pale ale and wheat beer. The malt bill is based on wheat extract and flaked red wheat and will provide a light copper color and ample head retention. American Pale Wheats are hoppier than traditional wheat beers and American Cluster and Liberty hops lend a moderate hoppiness. BRY-97 Yeast ferments a clean, ale flavor profile without the banana and clove phenols that its German counterpart has. This beer is very drinkable and is most enjoyable fresh, just after bottle conditioning.

1013 AMERICAN PALE ALE Reg \$43.90 Sale \$32.93

Perhaps the most widely brewed American style ale. Moderately strong hop aroma and bitterness. Pale ale malt base provides deep gold, almost amber, color and medium-bodied mouthfeel.

1014 RYE PALE ALE Reg \$49.90 Sale \$37.43

A pale ale that uses just the right amount of Rye, Munich and Honey malt to create a unique spiciness. then we use three different hop varieties to perfectly balance the beer - and it's dry hopped! To convert the Rye we have included "steep-to-convert" instructions so we recommend you have a few batches under your belt before trying this tasty recipe.

1015 KÖLSCH Reg \$36.50 sale \$27.38

Kölsch is a crisp, clean, easy-drinking ale. It has a straw-yellow hue similar to a pilsner, but is less hoppy, a bit sweeter and uses pale malts and a small amount of wheat. The lager-like characteristics this ale is famous for are achieved by using a liquid Kölsch yeast.

## **Brewer's Best® Ingredient Kits**

1016 ENGLISH BROWN ALE Reg \$41.90 Sale \$31.43

A medium-bodied brew with malty character surrounded by a nutty aroma. Maris Otter is the perfect complement to the UK hops.

1018 AMERICAN LIGHT Reg \$35.00 Sale \$26.25

Uses the traditional combination of pilsner malt, rice and corn adjuncts. It is lightbodied, refreshing and thirst quenching. A very easy recipe to brew and an excellent entry to craft brewing.

1019 ENGLISH BITTER Reg \$35.00 Sale \$26.25

Combines moderate hop bitterness with a light malty profile. Easy to drink and easy to brew, this ale is well balanced... a great representative of this classic style.

1021 EUROPEAN BOCK Reg \$51.00 Sale \$38.25

A dark, moderately strong malty lager. Our Bock uses Munich malt extracts and darker specialty grains for color adjustment. This kit includes a lager yeast that will also perform well if fermented at ale temperatures.

1023 IRISH STOUT Reg \$43.50 Sale \$32.63

A dark, roasty, creamy ale. Although nearly black in color, this beer is medium-bodied and finishes dry from the roasted barley addition. Maltodextrin creates a thick, long-lasting head.

1024 MILK STOUT Reg \$41.00 Sale \$30.75

Bold and black, yet sweet and subtle. This recipe offers all of the chocolate and roasted notes that you would expect from a stout. Additions of Lactose and Maltodextrin produce a full body, thick, creamy head, and sweet finish.

1026 GERMAN ALTBIER STYLE Reg \$41.00 Sale \$30.75

A classic German style, our Altbier is amber colored with a nice malty character. It is moderately hopped maintaining the true style of this Amber hybrid. A great beer to ferment cool and cold condition.

1028 GERMAN OKTOBERFEST Reg \$44.50 Sale \$33.38

Amber in color with a nice blend of Munich malt and crystal grains. Medium-bodied, malty and finished with a distinct hop flavor. This kit includes a lager yeast that will also perform well if fermented at ale temperatures.

1029 DUNKELWEIZEN Reg \$41.00 Sale \$30.75

Munich and chocolate malts combine to create a darker, maltier version of its lighter counterpart, Hefeweizen. Amber-brown in color yet medium-bodied with a slightly sweet, bready flavor. A specialty wheat yeast produces the characteristic phenols found in traditional Weizens.

1030 WEIZENBIER Reg \$37.90 Sale \$28.43

Wheat malt and European hops create the recipe for this easy-drinking summertime classic. Light-bodied with a smooth finish, our Weizenbier features an authentic dry wheat yeast.

1031 ROBUST PORTER Reg \$39.90 Sale \$29.93

A classic dark ale featuring chocolate and de-bittered black specialty grains. A nice, hoppy character is balanced well against this roasty, full-bodied beer.

1037 INDIA PALE ALE Reg \$51.90 Sale \$38.93

We use plenty of hops to accent this popular style. From the bittering to the flavoring to the aroma hops, we create the perfect balance for this clean, crisp pale ale.

1038 SCOTTISH ALE Reg \$33.90 Sale \$25.43

Our Scottish Ale is full of caramel malts, both in the extract and specialty grains. Chocolate malt, roasted barley and a touch of smoked malt bring this full-bodied, malty ale to completion.

## Brewer's Best® Ingredient Kits

1039 BELGIAN SAISON Reg \$49.00 Sale \$36.75

A light bodied, effervescent ale with warm malty flavors and a slight orange hue from the steeping grains. Golden Candi Syrup lends a faint caramel sweetness and a hint of fresh plums. The included Belgian style yeast strain completes this farmhouse style ale by contributing a spicy and peppery background.

1040 MUNICH HELLES Reg \$41.90 Sale \$31.43

A light-colored German lager with malty profile. Slightly sweet with just enough bittering hops to balance the malt. This kit includes a lager yeast that will also perform well if fermented at ale temperatures.

1043 BELGIAN STOUT Reg \$47.90 Sale \$35.93

Brewer's Best® has put together a new twist on a classic style, introducing Belgian Stout. The fresh coffee, wild cherry and dark stone fruit notes from the D-180 Candi Syrup will complement the chocolate and roasted tones found in this ale. Add the slightly spicy hop character to bring it full circle and create a Stout you're sure not to forget!

**Premium Recipes** - Our Premium Recipe all-malt ingredient kits are big in taste and bold in flavor, not for the weak of heart! These higher alcohol kits come complete with all the ingredients and step-by-step instructions to brew 5 gallons of beer.

1020 BELGIAN GOLDEN ALE Reg \$59.50 Sale \$44.63

We are keeping to Belgian tradition by crafting a strong golden ale using only pilsner malt and authentic Belgian style candi sugars. The dry finish and light body create a canvas to showcase subtle fruit notes and moderate yeast spiciness commonly found in this style. Finishing off with predominant Belgian Lace, this ale is flavorful, refreshing and complete.

1022 BELGIAN DARK STRONG Reg \$53.90 Sale \$40.43

This Strong Ale recipe creates a copper-brown color from the generous, yet diverse, liquid malt extract addition. Dark brown soft candi sugar contributes robust and unique flavors commonly found in Belgian Style ales. The high gravity is balanced with clean bittering and spicy aromas that round out this complex ale.

1025 WHISKY BARREL STOUT Reg \$51.00 Sale \$38.25

Specially selected dark malt extracts and specialty grains combing to release a delightful bouquet of chocolate and roast. We have included a package of genuine whisky barrel oak chips to impart flavors of oak and whisky.

1033 SMOKED PORTER Reg \$45.90 Sale \$34.43

Dark brown in color, this rich full-bodied Ale is smooth, with chocolate and coffee-like overtones. Smoked malt imparts a complex, pleasant aroma and flavor with a balanced and subtle hop finish.

1035 DOUBLE IPA Reg \$58.50 Sale \$43.88

This high gravity ale has an upfront and dominant hop profile. The aromas of citrus and slight pine from the complex hop flavors are perfectly presented on a mediumlight body background. A golden hue and white frothy head help to round out this Imperial Ale.

1041 BELGIAN IPA Reg \$47.50 Sale \$35.63

A generous hops schedule and soft Belgian Candi Sugar combine to create this modern style ale. Brewer's Best® Belgian IPA includes that trademark spiciness familiar to Belgian Style Ales along with the piney, herbal and slight citrus flavors of an American IPA. The result is a complex flavor combination that adds depth and outstanding character to this unique style of ale.

1042 OATMEAL STOUT Reg \$47.90 Sale 35.93

This ale is medium-full bodied, rich and toasty in flavor. Victory malt combines with the flaked brewers oatmeal to offer a nutty yet silky character. Dark chocolate barley adds an impression of roasted coffee. 2-row malt is included to aid in converting the oat's starches into fermentable sugars. The selected yeast will yield a fermentation that leaves a slightly sweet character.

## **Brewer's Best® Ingredient Kits**

1044 BELGIAN TRIPEL Reg \$57.00 Sale \$42.75

Our Tripel contains one pound of light Belgian candi sugar to create a high gravity beer that is golden in color with a creamy, white head. This kit has plenty of dried malt extract and specialty grains to accent its complexity. The hops create a mild, spicy character.

1045 IMPERIAL PALE ALE Reg \$55.90 Sale \$41.93

This beer style has been perfected on the West Coast and we are proud to create an extract version for the homebrewer. This beer is very big, very hoppy and somewhat arrogant. Use your homebrewing skills to make the most of this recipe!

1046 RUSSIAN IMPERIAL STOUT Reg \$57.50 Sale \$43.13

This full-bodied dark brew has an intense roast flavor with a huge malt influence. The hop bitterness is offset by a touch of sweetness from the big malt character. Give this beer some time to mature and consider using an oak alternative for added complexity.

1048 IMPERIAL NUT BROWN Reg \$53.50 Sale \$40.13

A rich, complex high-gravity specialty ale. It's a full-bodied brew with plenty of hop character to balance this Imperial style Brown Ale. The slight caramel and chocolate flavors are followed by a nutty aftertaste. Includes Safale S-04 yeast.

1051 WITBIER Reg \$43.00 Sale \$32.25

A classic white ale brewed with wheat, barley, orange peel and coriander. It is lightly hopped and fermented with Safbrew WB-06 resulting in a fruity, spicy, refreshing beer with a dry finish.

1052 IMPERIAL BLONDE ALE Reg \$53.00 Sale \$39.75

This recipe produces a malty, high gravity, full-bodied version of this easy drinking, well-rounded beer style. Golden in color, Imperial Blonde Ale consists of 100% dry malted barley with some maltodextrin for increased alcohol by volume. A great recipe if you like big blondes!

1064 INDIA BLACK ALE Reg \$50.50 Sale \$37.88

Balances moderate roast character with medium-high hop bitterness. The medium-high hop bitterness is balanced by bold hop flavor and aroma courtesy of ZYTHOS™ whose distinct tropical citrus and slight pine characteristics complement the roasted malt flavor and aroma of this India Black Ale.

## **Seasonal and Limited Release Recipes**

1049 HOLIDAY ALE (SEASONAL) Reg \$53.90 Sale \$40.43

This full-bodied amber beer has a rich, malty character that is flavored with orange peel, cinnamon and other spices. It is a complex winter brew balanced with high alpha-acid hops. At 7 - 8% this strong ale will be sure to warm you throughout the festive holiday season.

1053 HOPNOG® 2012 (LIMITED RELEASE) Reg \$53.50 Sale \$40.13

The election is over and the votes are in. This year's HopNog® is for the people, by the people -- with new hop additions of Nelson Sauvin, Centennial, and Palisade®. Nelson's distinctive white wine "fruitiness" and gooseberry aroma along with earthy tones of Palisade®, and floral notes from Centennial are sure to breathe new life into this old friend. So raise your glass for a toast to the greatest nation in the world. CHEERS AMERICA!

1062 PUMPKIN SPICE PORTER (SEASONAL) Reg \$47.00 Sale \$35.25

This limited release autumn ale is the perfect companion to the changing seasons - from harvest to the holidays! The recipe starts with Briess CBW® Porter base extract partnered with Caramel 90L, Carabrown® and dark chocolate steeping grains. To spice things up we added cinnamon, allspice and a hint of ginger. Willamette and Fuggle hops provide a mild balance in bitterness and this ale is fermented with Safale S-04 premium yeast.

## **Brewer's Best® Ingredient Kits**

1063 PSA INDIA PALE ALE (LIMITED RELEASE) Reg \$47.50 Sale \$35.63

PSA IPA is a limited release India Pale Ale ingredient kit that supports Pints for Prostates, a grassroots campaign and 501(c)(3) organization. This year's recipe uses Palisade, Summit and Ahtanum hops to create a flavorful, commemorative ale. Be a man! Call your doctor and schedule an appointment today. Then tell your friends. The more men we reach, the more lives will be saved. And we can all say "Cheers!" with a PSA IPA to that!

1065 FALCONER'S FLIGHT® EXTRA IPA (LIMITED RELEASE) Reg \$59.50 Sale \$44.63

This year's Extra IPA recipe showcases the superior flavor and aromatic qualities of Falconer's Flight®. This proprietary hop blend was created to honor and support the legacy of Northwest Brewing legend Glen Hay Falconer. Caramel and Munich malts lend their sweetness while the special hop blend dominates the palate... a truly unique beer to celebrate a truly unique brewer. Cheers Glen!

## **Briess Malt Extract (United States)**

1230 PILSEN LIGHT Case of 2 - 33 lb growlers (66 lbs) Reg \$155.80 Sale \$116.85

1232 GOLDEN LIGHT Case of 2 - 33 lb growlers (66 lbs) Reg \$155.80 Sale \$116.85

1234 SPARKLING AMBER Case of 2 - 33 lb growlers (66 lbs) Reg \$155.80 Sale \$116.85

1236 TRADITIONAL DARK Case of 2 - 33 lb growlers (66 lbs) Reg \$155.80 Sale \$116.85

1238 BAVARIAN WHEAT Case of 2 - 33 lb growlers (66 lbs) Reg \$155.80 Sale \$116.85

1239 MUNICH Case of 2 - 33 lb growlers (66 lbs) Reg \$159.80 Sale \$119.85

## **Briess Dry Malt Extract (United States)**

1793 PILSEN 50 lbs Reg \$185.90 Sale \$139.43

1794 DARK 50 lbs Reg \$185.90 Sale \$139.43

1795 CBW BAVARIAN WHEAT (65% Wheat/35% Barley) 50 lbs Reg \$185.90 Sale \$139.43

1796 CBW GOLDEN LIGHT 50 lbs Reg \$185.90 Sale \$139.43

1797 CBW SPARKLING AMBER 50 lbs Reg \$185.90 Sale \$139.43

1799 MALTOFERM® 10001 ORGANIC 50 lbs Reg \$225.90 Sale \$169.43

## **Muntons Spray Dried Malt Extract (United Kingdom)**

1800 PLAIN EXTRA LIGHT 55 lbs Reg \$219.90 Sale \$164.93

1802 PLAIN LIGHT 55 lbs Reg \$219.90 Sale \$164.93

1804 PLAIN AMBER 55 lbs Reg \$219.90 Sale \$164.93

1806 PLAIN DARK 55 lbs Reg \$219.90 Sale \$164.93

1808 PLAIN EXTRA DARK 55 lbs Reg \$219.90 Sale \$164.93

1810 PLAIN WHEAT (55% Wheat/45% Barley) 55 lbs Reg \$219.90 Sale \$164.93

## Flakes and Adjuncts

1898 RICE HULLS 50 lbs Reg \$44.00 Sale \$33.00

1899 TORRIFIED WHEAT (SOFT RED WHOLE KERNAL) 50 lbs Reg \$63.00 Sale \$47.25

1900 FLAKED BARLEY 25 lbs Reg \$36.00 Sale \$27.00

1902 FLAKED MAIZE 25 lbs Reg \$41.00 Sale \$30.75

1903 FLAKED RICE 25 lbs Reg \$46.50 Sale \$34.88

1904 FLAKED OATS 25 lbs Reg \$42.50 Sale \$31.88

1905 FLAKED RYE 25 lbs Reg \$34.00 Sale \$25.50

1907 SOFT RED WHEAT FLAKES 25 lbs Reg \$31.50 Sale \$23.63

## Grains: Briess (American) Organics

1890C 2-ROW BREWERS MALT 50 lb bag Reg \$92.00 Sale \$69.00

## Grains: Briess (American) Whole Grains

1920 BLACK MALT 500L 50 lbs Reg \$91.00 Sale \$68.25

1883 BLACKPRINZ 500L 50 lbs Reg \$97.00 Sale \$72.75

1928 2-ROW BREWERS MALT 50 lbs Reg \$61.00 Sale \$45.75

1930 6-ROW BREWERS MALT 50 lbs Reg \$60.00 Sale \$45.00

1917 CARAMEL 10L MALT 50 lbs Reg \$84.00 Sale \$63.00

1923 CARAMEL 20L MALT 50 lbs Reg \$84.00 Sale \$63.00

1924 CARAMEL 40L MALT 50 lbs Reg \$84.00 Sale \$63.00

1925 CARAMEL 60L MALT 50 lbs Reg \$84.00 Sale \$63.00

1929 CARAMEL 80L MALT 50 lbs Reg \$84.00 Sale \$63.00

1918 CARAMEL 90L MALT 50 lbs Reg \$84.00 Sale \$63.00

1919 CARAMEL 120L MALT 50 lbs Reg \$84.00 Sale \$63.00

1937 CHOCOLATE MALT 50 lbs Reg \$89.00 Sale \$66.75

1926 CARAPILS® MALT 50 lbs Reg \$85.00 Sale \$63.75

1887 GOLDPILS® VIENNA MALT 50 lbs Reg \$69.00 Sale \$51.75

1882 MIDNIGHT WHEAT 50 lbs Reg \$97.00 Sale \$72.75

1932 MUNICH 10L MALT 50 lbs Reg \$71.00 Sale \$53.25

1927 PALE ALE MALT (2-Row) 50 lbs Reg \$69.00 Sale \$51.75

### **Grains: Briess (American) Whole Grains**

1910 PILSEN MALT 50 lbs Reg \$69.00 Sale \$51.75

1921 ROASTED BARLEY (Unmalted) 50 lbs Reg \$88.00 Sale \$66.00

RYE RYE MALT 50 lbs Reg \$97.00 Sale \$72.75

1941 SMOKED MALT 50 lbs Reg \$124.00 Sale \$93.00

1933 SPECIAL ROAST MALT 50 lbs Reg \$89.00 Sale \$66.75

1935 VICTORY® MALT 50 lbs Reg \$88.00 Sale \$66.00

1934 VIENNA MALT 50 lbs Reg \$71.00 Sale \$53.25

1936 RED WHEAT MALT 50 lbs Reg \$65.00 Sale \$48.75

1939 WHITE WHEAT MALT 50 lbs Reg \$67.00 Sale \$50.25

### **Grains: Briess (American) Crushed Grains**

1923C-P CARAMEL 20L MALT 50 lbs Reg \$91.00 Sale \$68.25

1925C-P CARAMEL 60L MALT 50 lbs Reg \$91.00 Sale \$68.25

1929C-P CARAMEL 80L MALT 50 lbs Reg \$91.00 Sale \$68.25

1919C-P CARAMEL 120L MALT 50 lbs Reg \$91.00 Sale \$68.25

1920C-P BLACK MALT 50 lbs Reg \$97.00 Sale \$72.75

1921C-P ROASTED BARLEY 50 lbs Reg \$95.00 Sale \$71.25

1937C-P CHOCOLATE MALT 50 lbs Reg \$96.00 Sale \$72.00

1926C-P CARAPILS® MALT 50 lbs Reg \$92.00 Sale \$69.00

1927C-P PALE ALE MALT (2-Row) 50 lbs Reg \$76.00 Sale \$57.00

1928C-P 2 ROW BREWERS MALT 50 lbs Reg \$68.00 Sale \$51.00

1932C-P MUNICH 10L MALT 50 lbs Reg \$78.00 Sale \$58.50

1935C-P VICTORY® MALT 50 lbs Reg \$95.00 Sale \$71.25

1936C-P RED WHEAT MALT 50 lbs Reg \$72.00 Sale \$54.00

### **Grains: Dingemans (Belgian) Whole Grains**

1959 AROMATIC MALT (Kiln 50) 55 lbs Reg \$94.60 Sale \$70.95

1960 BISCUIT MALT 55 lbs Reg \$103.40 Sale \$77.55

1964 CARA 45 MALT 55 lbs Reg \$104.50 Sale \$78.38

1966 CARA 8 MALT 55 lbs Reg \$104.50 Sale \$78.38



### **Grains: Dingemans (Belgian) Whole Grains**

1968 CARA 20 MALT 55 lbs Reg \$104.50 Sale \$78.38  
1970 CHOCOLATE MALT (Mout Roost 900) 55 lbs Reg \$105.60 Sale \$79.20  
1962 DE-BITTERED BLACK MALT (Mout Roost 1400) 55 lbs Reg \$112.20 Sale \$84.15  
1972 MUNICH MALT (Kiln 15) 55 lbs Reg \$94.60 Sale \$70.95  
1974 PALE ALE MALT 55 lbs Reg \$94.60 Sale \$70.95  
1976 PILSEN MALT (Kiln 3) 55 lbs Reg \$93.50 Sale \$70.13  
1980 SPECIAL B MALT 55 lbs Reg \$103.40 Sale \$77.55

### **Grains: Gambrinus (British Columbia, Canada)**

1983 Whole Grain HONEY MALT 55 lbs Reg \$105.60 Sale \$79.20  
1983C-P Crushed HONEY MALT 55 lbs Reg \$117.00 Sale \$87.75

### **Grains: Muntons (British) Whole & Crushed Grains**

1915 MARIS OTTER MALT BLEND 55 lbs Reg \$84.70 Sale \$  
1938 BLACK MALT 55 lbs Reg \$92.40 Sale \$69.30  
1940 ROASTED BARLEY (Unmalted) 55 lbs Reg \$92.40 Sale \$69.30  
1942 CARAMALT 55 lbs Reg \$92.40 Sale \$69.30  
1944 CHOCOLATE MALT 55 lbs Reg \$92.40 Sale \$69.30  
1945 CRYSTAL DARK MALT 150L 55 lbs Reg \$92.40 Sale \$69.30  
1946 CRYSTAL MALT 60L 55 lbs Reg \$89.10 Sale \$66.83  
1948 CRUSHED CRYSTAL MALT 60L 55 lbs Reg \$92.40 Sale \$69.30  
1947 CRYSTAL MALT 40L 55 lbs Reg \$89.10 Sale \$66.83  
1949 CRYSTAL MALT 90L 55 lbs Reg \$92.40 Sale \$69.30  
1951 LAGER MALT 55 lbs Reg \$78.10 Sale \$58.58  
1950 CRUSHED LAGER MALT 55 lbs Reg \$80.30 Sale \$60.23  
1952 MILD ALE MALT 55 lbs Reg \$79.20 Sale \$59.40  
1953 PALE ALE MALT (TIPPLE) 55 lbs Reg \$73.70 Sale \$55.28  
1954 PALE ALE MALT (PEARL) 55 lbs Reg \$73.70 Sale \$55.28  
1956 CRUSHED PALE ALE MALT (PEARL) 55 lbs Reg \$78.10 Sale \$58.58  
1955 AMBER MALT 55 lbs Reg \$103.40 Sale \$77.55

### **Grains: Muntons (British) Whole & Crushed Grains**

1958 WHEAT MALT 55 lbs Reg \$80.30 Sale \$60.23

1958C-P CRUSHED WHEAT MALT 55 lbs Reg \$83.60 Sale \$62.70

1961 MARIS OTTER EXTRA PALE 55 lbs Reg \$84.70 Sale \$63.53

1965 MUNICH MALT 55 lbs Reg \$93.60 Sale \$70.20

### **Alexander's Sun Country Liquid Malt Extract (United States)**

1075 PLAIN WHEAT 60% Wheat/40% Barley - 4.0 lb tin. Ctn/6 \$129.95 Sale \$97.45

1080 PLAIN LIGHT (PALE) 4.0 lb tin. Ctn/6 \$125.95 Sale \$94.45

### **Briess Liquid Malt Extract (United States) 3.3 lb.**

1240 RYE Ctn/12 Reg \$150.00 Sale \$112.50

1241 BRIESSWEET™ WHITE SORGHUM SYRUP 45 HM Ctn/12 Reg \$150.00 Sale \$112.50

1242 BRIESS SPECIAL DARK Ctn/12 Reg \$150.00 Sale \$112.50

1243 MUNICH Ctn/12 Reg \$150.00 Sale \$112.50

1244 PILSEN LIGHT Ctn/12 Reg \$150.00 Sale \$112.50

1245 PORTER Ctn/12 Reg \$150.00 Sale \$112.50

1246 GOLDEN LIGHT Ctn/12 Reg \$150.00 Sale \$112.50

1247 SPARKLING AMBER Ctn/12 Reg \$150.00 Sale \$112.50

1248 TRADITIONAL DARK Ctn/12 Reg \$150.00 Sale \$112.50

1249 BAVARIAN WHEAT (65% Malted Wheat) Ctn/12 Reg \$150.00 Sale \$112.50

### **Muntons Liquid Malt Extract (United Kingdom) 3.3 lb.**

1660 PLAIN EXTRA LIGHT Ctn/6 Reg \$95.88 Sale \$71.89

1662 PLAIN LIGHT Ctn/6 Reg \$95.88 Sale \$71.89

1663 PLAIN MARIS OTTER Ctn/6 Reg \$100.60 Sale \$75.45

1664 PLAIN AMBER Ctn/6 Reg \$95.88 Sale \$71.89

1666 PLAIN DARK Ctn/6 Reg \$95.88 Sale \$71.89

1668 PLAIN WHEAT (55% Wheat/45% Barley) Ctn/6 Reg \$95.88 Sale \$71.89

1670 HOPPED LIGHT Ctn/6 Reg \$103.20 Sale \$77.40

1672 HOPPED AMBER Ctn/6 Reg \$103.20 Sale \$77.40

1674 HOPPED DARK Ctn/6 Reg \$103.20 Sale \$77.40

### **Briess Dry Malt Extract (United States)**

1793B PILSEN 3 lb. \$13.50 Sale \$10.13

1793C PILSEN 50 lb. \$185.90 Sale \$130.00

1794B DARK 3 lb. \$13.50 Sale \$10.13

1794C DARK 50 lb. \$185.90 Sale \$130.00

1795B CBW BAVARIAN WHEAT (65% Wheat/35% Barley) 3 lb. \$13.50 Sale \$10.13

1795C CBW BAVARIAN WHEAT (65% Wheat/35% Barley) 50 lb. \$185.90 Sale \$130.00

1796B CBW GOLDEN LIGHT 3 lb. \$13.50 Sale \$10.13

1796C CBW GOLDEN LIGHT 50 lb. \$185.90 Sale \$130.00

1797B CBW SPARKLING AMBER 3 lb. \$13.50 Sale \$10.13

1797C CBW SPARKLING AMBER 50 lb. \$185.90 Sale \$130.00

1799B MALTOFERM® 10001 ORGANIC 3 lb. \$15.00 Sale \$11.25

1799C MALTOFERM® 10001 ORGANIC 50 lb. \$225.90 Sale \$158.00

### **Muntons Spray Dried Malt Extract (United Kingdom)**

1800B PLAIN EXTRA LIGHT 3 lbs Reg \$14.50 Sale \$10.88

1800C PLAIN EXTRA LIGHT 55 lbs Reg \$219.90 Sale \$153.95

1802B PLAIN LIGHT 3 lbs Reg \$14.50 Sale \$10.88

1802C PLAIN LIGHT 55 lbs Reg \$219.90 Sale \$153.95

1804B PLAIN AMBER 3 lbs Reg \$14.50 Sale \$10.88

1804C PLAIN AMBER 55 lbs Reg \$219.90 Sale \$153.95

1806B PLAIN DARK 3 lbs Reg \$14.50 Sale \$10.88

1806C PLAIN DARK 55 lbs Reg \$219.90 Sale \$153.95

1808B PLAIN EXTRA DARK 3 lbs Reg \$14.50 Sale \$10.88

1808C PLAIN EXTRA DARK 55 lbs Reg \$219.90 Sale \$153.95

1810B PLAIN WHEAT (55% Wheat/45% Barley) 3 lbs Reg \$14.50 Sale \$10.88

1810C PLAIN WHEAT (55% Wheat/45% Barley) 55 lbs Reg \$219.90 Sale \$153.95

### **Whole Grain: Briess (American) 10 Pound Bags**

1920B BLACK MALT Reg \$21.90 Sale \$16.43

1928B 2-ROW BREWERS MALT Reg \$16.00 Sale \$12.00

**Whole Grain: Briess (American) 10 Pound Bags (continued)**

1929B CARAMEL 80L MALT Reg \$20.50 Sale \$15.38  
1918B CARAMEL 90L MALT Reg \$20.50 Sale \$15.38  
1919B CARAMEL 120L MALT Reg \$20.50 Sale \$15.38  
1937B CHOCOLATE MALT Reg \$21.58 Sale \$16.19  
1926B CARAPILS® MALT Reg \$20.78 Sale \$15.59  
1932B MUNICH 10L MALT Reg \$17.90 Sale \$13.43  
1927B PALE ALE MALT (2-Row) Reg \$17.58 Sale \$13.19  
1921B ROASTED BARLEY (Unmalted) Reg \$21.30 Sale \$15.98  
RYEB RYE MALT Reg \$23.50 Sale \$17.63  
1941B SMOKED MALT Reg \$29.00 Sale \$21.75  
1935B VICTORY® MALT Reg \$21.30 Sale \$15.98  
1934B VIENNA MALT Reg \$17.90 Sale \$13.43  
1936B RED WHEAT MALT Reg \$17.00 Sale \$12.75

**Whole Grain: Dingemans (Belgian) 10 Pound Bags**

1959B AROMATIC MALT (Kiln 50) Reg \$19.90 Sale \$14.93  
1960B BISCUIT MALT Reg \$21.90 Sale \$16.43  
1964B CARA 45 MALT Reg \$21.90 Sale \$16.43  
1966B CARA 8 MALT Reg \$21.90 Sale \$16.43  
1968B CARA 20 MALT Reg \$21.90 Sale \$16.43  
1970B CHOCOLATE MALT (Mout Roost 900) Reg \$22.20 Sale \$16.88  
1962B DE-BITTERED BLACK MALT (Mout Roost 1400) Reg \$21.90 Sale \$16.43  
1972B MUNICH MALT (Kiln 15) Reg \$19.90 Sale \$14.93  
1974B PALE ALE MALT Reg \$19.90 Sale \$14.93  
1976B PILSEN MALT (Kiln 3) Reg \$20.50 Sale \$15.38  
1980B SPECIAL B MALT Reg \$21.90 Sale \$16.43

**Whole Grain: Muntons (British)**

1915B MARIS OTTER MALT BLEND Reg \$19.90 Sale \$14.93  
1938 BLACK MALT Reg \$21.50 Sale \$16.13

**Whole Grain: Muntons (British) (continued)**

1940B ROASTED BARLEY (Unmalted) Reg \$21.50 Sale \$16.13

1942B CARAMALT Reg \$21.50 Sale \$16.13

1944B CHOCOLATE MALT Reg \$21.50 Sale \$16.13

1945B CRYSTAL DARK MALT 150L Reg \$21.50 Sale \$16.13

1946B CRYSTAL MALT 60L Reg \$20.50 Sale \$15.38

1947B CRYSTAL MALT 40L Reg \$20.50 Sale \$15.38

1949B CRYSTAL MALT 90L \$1.29 Reg \$21.50 Sale \$16.13

1951B LAGER MALT Reg \$18.50 Sale \$13.88

1952 MILD ALE MALT Reg \$18.50 Sale \$13.88

1953 PALE ALE MALT (TIPPLE) Reg \$17.90 Sale \$13.43

1954 PALE ALE MALT (PEARL) Reg \$17.90 Sale \$13.43

1955 AMBER MALT Reg \$23.00 Sale \$17.25

1958 WHEAT MALT Reg \$19.00 Sale \$14.25

1961 MARIS OTTER EXTRA PALE Reg \$19.90 Sale \$14.93

1965 MUNICH MALT Reg \$19.50 Sale \$14.63

## Sugar and Adjuncts

1992 CORN SUGAR, 50 lb bag Reg \$55.00 Sale \$41.25

1994A LACTOSE, 55 lb bag Reg \$153.90 Sale \$115.43

1995 MALTODEXTRIN, 50 lb bag Reg \$75.00 Sale \$56.25

1999B RICE SYRUP SOLIDS, 50 lb bag (Powder) Reg \$253.90 Sale \$190.43

## Fruit Flavors for Beer and Wine

3500 APPLE 128 ozs. Reg \$85.00 Sale \$63.75

Natural and artificial flavors. For beer use 1 to 4 oz per 5 gallons.

3505 APRICOT 128 ozs. Reg \$79.90 Sale \$59.93

Artificial flavors. For beer use .1% or 6 to 7 oz per 5 gallons. TTB #82.

3508 BANANA 128 ozs. Reg \$143.00 Sale \$107.25

Artificial flavors. For beer use 4 oz per 5 gallons. TTB #74.

3510 BLUEBERRY 128 ozs. Reg \$74.50 Sale \$55.88

Artificial flavors. For beer use .3% or 2 oz per 5 gallons. TTB #69.

3515 BLACKBERRY 128 ozs. Reg \$74.50 Sale \$55.88

Natural and artificial flavors. For beer use .7% or 4 to 5 oz per 5 gallons. TTB #71.

3518 BLACK CURRANT 128 ozs. Reg \$96.50 Sale \$72.38

Artificial flavors. For beer use 4 oz per 5 gallons. TTB #77.

3520 CHERRY 128 ozs. Reg \$83.00 Sale \$62.25

Natural and artificial flavors. For beer use .5% or 3 to 4 oz per 5 gallons.

3525 CRANBERRY 128 ozs. Reg \$82.50 Sale \$61.88

Natural and artificial flavors. For beer use .5% or 3 to 4 oz per 5 gallons.

3530 CHOCOLATE 128 ozs. Reg \$161.90 Sale \$121.43

Natural and artificial flavors. For beer use 4 oz per 5 gallons. TTB #76.

3535 GINGER 128 ozs. Reg \$96.50 Sale \$72.38

Natural and artificial flavors. For beer use 4 oz per 5 gallons. TTB #83.

3540 PEACH 128 ozs. Reg \$89.00 Sale \$66.75

Artificial flavors. For beer use .8% or 4 to 5 oz per 5 gallons. TTB #70.

3545 GRAPE 128 ozs. Reg \$94.50 Sale \$70.88

Artificial flavors. For beer use 4 oz per 5 gallons. TTB #73.

3550 RASPBERRY 128 ozs. Reg \$119.00 Sale \$89.25

Natural and artificial flavors. For beer use .1% or 6 to 7 oz per 5 gallons. TTB #72.

3555 STRAWBERRY 128 ozs. Reg \$106.50 Sale \$79.88

Artificial flavors. For beer use .7% or 4 to 5 oz per 5 gallons.

3565 WATERMELON 128 ozs. Reg \$87.00 Sale \$65.25

Artificial flavors. For beer use 4 oz per 5 gallons. TTB #75.

## HOP PELLETS - DOMESTIC 1 lb. Bags

2006 US AHTANUM™ 5.7% - 6.3% Reg \$19.10 Sale \$14.33

Used for its aromatic properties and moderate bittering. American Ales, Pale Ale, IPA, Lager.

2008 US AMARILLO® 8.0% - 11.0% Reg \$29.50 Sale \$22.13

Relatively new hop that was discovered as a mutation by a grower. Used for general kettle and aroma. American style Ales.

2009 US BREWER'S GOLD 8.0% - 10.0% Reg \$17.80 Sale \$13.35

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.

2015 US CASCADE 4.5% - 7.0% Reg \$15.90 Sale \$11.93

Derived from a cross between Fuggles and the Russian hop Serebrianker. Good for flavor and aroma, but an acceptable bittering hop. Ales and Lagers.

2017 US CENTENNIAL 9.5% - 11.5% Reg \$21.00 Sale \$15.75

Selected from a cross between Brewer's Gold and a selected USDA male. Medium intensity aroma with floral and citrus tones. Very balanced hop, used for all U.S. Ale styles, including U.S. Wheat beer.

2020 US CHINOOK 12.0% - 14.0% Reg \$20.40 Sale \$15.30

A high alpha acid hop with a wonderful herbal, almost smoky character when used as an aromatic during the last few minutes of the boil when dry hopping. Excellent for hopping American-style Pale Ales, especially those brewed to higher gravities. Beta acid: 3.0-4.0%.

2022 US CITRA® 11.0% - 13.0% Reg \$27.50 Sale \$20.63

A new, moderately-high acid cross between Hallertau Mittelfreuh, U.S. Tettnanger, Bavarian, Brewers Gold and E.K. Golding. Very fruity. Used in Sierra Nevada Torpedo IPA and strong American and Belgian ales.

2025 US CLUSTER 5.5% - 8.5% Reg \$16.50 Sale \$12.38

Excellent general purpose hop with medium and well-balanced bittering potential and no undesirable aroma properties. Good for dark beers. Used for bittering, good flavor. Light and Dark American Lagers.

2026 US COLUMBUS 14.0% - 16.0% Reg \$16.50 Sale \$12.38

Relatively new variety becoming increasingly accepted. Used for bittering mainly, good flavor. IPA, Pale Ale and Stouts.

2012 US CRYSTAL 3.5% - 5.5% Reg \$19.10 Sale \$14.33

The most pungent of the new triploid Hallertau family. Lager, Kolsch, ESB, Pilsner, IPA, Pale Ale & Belgian Ales.

2005 US FALCONER'S FLIGHT® 11.4% Reg \$26.30 Sale \$19.73

Aroma descriptors: distinct tropical, citrus, floral, lemon and grapefruit tones. Used in IPA style beers. Beta: 4.4%, H.S.I.: 0.292, Co-humulone: 24.2%

2004 US FALCONER'S FLIGHT 7C'S™ 9.9% Reg \$26.30 Sale \$19.73

Aroma Descriptors: exact descriptors to be determined, but will be citrus and tropical as well. "C" hop blend for many beer styles. Beta: 5.0%, H.S.I.: 0.293, Co-humulone: TBD

2035 US FUGGLE 4.0% - 5.5% Reg \$21.70 Sale \$16.28

Traditional aroma hop, appeared in 1875 England. Also known overseas as Styrian Golding. Used for finishing, dry hopping. English Ales, especially Pale Ales, Porters and Stouts.

## HOP PELLETS - DOMESTIC 1 lb. Bags

2040 US GALENA 12.0% - 14.0% Reg \$18.50 Sale \$13.88

Galena is the most "mellow" hop of the high-alpha varieties, and has replaced Cluster as the most widely grown US hop. The bitterness is clean and well balanced. Great general purpose bittering hop. Alpha acid: 12.5-14.0% Beta acid: 7.5-9.0%.

2037 US GLACIER Average 5.63% Reg \$17.80 Sale \$13.35

Excellent variety with balanced bittering properties and a good aroma profile. Fuggle, Styrian Golding, Willamette.

2052 US GOLDING 4.0% - 6.0% Reg \$19.78 Sale \$14.84

Genuine long-established East Kent Golding variety group imported from England. Used for Pale Ales, ESB and English Style Beers.

2045 US HALLERTAU 3.5% - 5.5% Reg \$20.40 Sale \$15.30

Traditional variety with very mild, slightly flowery and somewhat spicy aroma. Used for Lagers, Pilsners, Bocks, Wheats, Kolsch, Munich Helles, Belgian-Style Ales.

2013 US HORIZON 11.0% - 13.0% Reg \$24.98 Sale \$18.74

Medium alpha, good aroma, dual purpose hop. Low co-humulone results in clean tasting beer. All ales and lagers.

2055 US LIBERTY 3.0% - 5.0% Reg \$22.38 Sale \$16.79

Released in 1991, aroma variety with close similarities to imported German aroma varieties. Used for finishing. American and German Ales and Lagers.

2098 US MAGNUM 10.0 - 14.0% Reg \$17.18 Sale \$12.89

First super alpha variety grown in Hallertau region. Grown in Yakima Valley, useful for all beer types.

2099 US MILLENNIUM 14.5 - 16.5% Reg \$16.50 Sale \$12.38

A triploid, high alpha acid variety with Nugget as the mother with a mild herbal aroma. Used for ales, stouts and barley wine.

2060 US MT HOOD 4.0 - 8.0% Reg \$20.40 Sale \$15.30

Aroma variety with similarities to the German Hallertau and Hersbrucker varieties, released in the U.S. in 1989. Used for aroma and flavor, American and German Ales and Lagers.

2061 US MT RAINIER 5.0 - 8.1% Reg \$19.80 Sale \$14.85

Excellent floral/noble aromas with citrus and licorice tones. Hallertauer, Fuggle.

2063 US NEWPORT 13.5 - 17.0% Reg \$20.40 Sale \$15.30

2065 US NORTHERN BREWER 8.6% Reg \$17.80 Sale \$13.35

Bred from a cross between a female hop of wild American parentage and an English male. A true dual-purpose hop, containing moderate amounts of alpha acids combined with a good aroma profile. Used for all English styles, American Ales, Kolsch and Munich Helles.

2070 US NUGGET 12.2% Reg \$16.50 Sale \$12.38

Selected from a cross between Brewers Gold and a high alpha male. Heavy, herbal and spicy aroma, extremely bitter. Used for medium to dark Ales and Lagers.

2072 US PALISADE® 5.6% Reg \$19.78 Sale \$14.84

2075 US PERLE 8.7% Reg \$22.38 Sale \$16.79

Derived from English Northern Brewer, new to the U.S. industry. Minty bittering and good "green hop" aromas. All non-Pilsner Lagers, Wheats.



## **HOP PELLETS - DOMESTIC 1 lb. Bags**

2083 US SAAZ 5.8% Reg \$22.38 Sale \$16.79

U.S. equivalent of the Czech variety, but lacks some of the fineness of aroma. Used for finishing, very flavorful. Pilsners, Continental Lagers and Wheats.

2089 US SANTIAM 6.1% Reg \$22.38 Sale \$16.79

2088 US SIMCOE® 12.2% Reg \$24.50 Sale \$18.38

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.

2030 US SORACHI 11.6% Reg \$28.18 Sale \$21.14

2082 US STERLING 7.0% Reg \$19.78 Sale \$14.84

2007 US SUMMIT Reg \$17.80 Sale \$13.35

2090 US TETTNANG 4.8% Reg \$23.00 Sale \$17.25

Commercially grown in the U.S. since the 1980's. Similar to Fuggle. A very popular hop with the craft-brewery industry. Used for Lagers, U.S. Ales, Pilsners, U.S. Wheats and Bitters.

2093 US VANGUARD 4.8% Reg \$19.78 Sale \$14.84

2094 US WARRIOR® 16.7% Reg \$17.80 Sale \$13.35

A general-purpose bittering hop that offers a neutral, clean bittering primarily in ale styles. It has a relative low cohumulone content which contributes to a smooth, pleasing bitterness.

2095 US WILLAMETTE 4.7% - 4.9% Reg \$15.20 Sale \$11.40

A quality aroma hop with a smooth soft flavor. Used for finishing, dry hopping. American and British Ales.

2096 US ZYTHOS™ 10.9% Reg \$21.78 Sale \$16.34

A proprietary hop blend created to embody the powerful tradition and aroma you expect from your finest ales and IPA brews. An IPA style blend created to optimize and exceed the aroma characteristics you require.

## **HOP PELLETS - IMPORTED 1 lb. Bags**

2097 AUSTRALIAN GALAXY 7.2% Reg \$32.50 Sale \$24.38

The Australian hop variety Galaxy is a high alpha dual purpose seedless cultivar with a marked and unique hop aroma. Galaxy, when added late in the boil, has been found to impart a unique and pleasant flavor to beer. Combination of citrus and passionfruit, significant bittering.

2019 AUSTRALIAN HELGA Reg \$39.50 Sale \$29.63

Mild and pleasant hop aroma. Good for ales and lagers.

2021 AUSTRALIAN PRIDE OF RINGWOOD Reg \$33.00 Sale \$24.75

Unique Australian flavor. Use as bittering and late kettle addition.

2023 AUSTRALIAN STELLA Reg \$34.50 Sale \$25.88

Hoppy and floral. Use in a wide range of beer styles.

2027 AUSTRALIAN SUPER PRIDE Reg \$33.00 Sale \$24.75

Excellent bittering qualities. Good for all beers with high bitterness.

## HOP PELLETS - IMPORTED 1 lb. Bags

2028 AUSTRALIAN SYLVA 5.8% Reg \$39.50 Sale \$29.63

Herbal, spicy and resinous. Good for all beer styles.

2029 AUSTRALIAN TOPAZ Reg \$29.50 Sale \$22.13

Very high alpha acid content. Good for IPA and other high alpha beers.

2080 CZECH SAAZ 2.8% Reg \$23.50 Sale \$17.63

Classical noble aroma hop with long and strong traditions. Associated with the renowned Pilsener Lager. Used for finishing. Bohemian-style Beers, Continental Lagers, Wheats, Pilsner Lagers.

2086 FRENCH STRISSELSPALT 2.3% Reg \$17.18 Sale \$12.89

2051 GERMAN BREWER'S GOLD 6.2% Reg \$19.78 Sale \$14.84

2050 GERMAN HALLERTAU 3.8% Reg \$19.78 Sale \$14.84

Traditionally a superior German aroma hop. Excellent flavor. Mild to semi-strong aroma, versatile bittering and finishing. Used for Wheats, Altbiers, Pilsners, Belgian Ales, American and German Lagers.

2042 GERMAN HERKULES 15.7% Reg \$17.80 Sale \$13.35

2041 GERMAN HERSBRUCKER 2.8% Reg \$20.40 Sale \$15.30

Traditional German landrace variety selected in the Hersbruck area. Good to very good aroma hop. Used for Lagers, Pilsners, Bocks, Weizen Bocks, Wheats, Belgian-Style Ales, Kolsch and Munich Helles.

2043 GERMAN MAGNUM 13.5% Reg \$18.50 Sale \$13.88

2056 GERMAN MERKUR 12.4% Reg \$19.10 Sale \$14.33

2066 GERMAN NORTHERN BREWER Reg \$18.50 Sale \$13.88

2057 GERMAN OPAL 6.3% Reg \$20.40 Sale \$15.30

2076 GERMAN PERLE 5.7% Reg \$20.40 Sale \$15.30

Bred at the Hull Hop Research Institute from the English Northern Brewery variety. Used for Pale Ales, Porters, Lagers.

2058 GERMAN SAPHIR 3.8% Reg \$20.40 Sale \$15.30

2054 GERMAN SELECT 5.3% Reg \$20.40 Sale \$15.30

2059 GERMAN SMARAGD Reg \$21.70 Sale \$16.28

2084 GERMAN SPALT 3.9% Reg \$21.70 Sale \$16.28

2091 GERMAN TETTANANG 3.7% - 5.0% Reg \$23.70 Sale \$17.78

Traditional German variety developed in the area of the same name. Very fine or noble aroma hop. Used for German Lagers, Wheat, Ales and American Lagers.

2092 GERMAN TRADITION 4.6% Reg \$19.10 Sale \$14.33

2044 NZ GREEN BULLET 12.5% Reg \$35.90 Sale \$26.93

Dual purpose hop (bittering and aroma). Good for all beer styles.

2046 NZ HALLERTAU 7.9% Reg \$25.90 Sale \$19.43

Distinct floral, slight citrus/lime. Use in Lagers, Pilsners, Bitters, Ales and Bocks.

## **HOP PELLETS - IMPORTED 1 lb. Bags**

2047 NZ MOTEUKA 7.1% Reg \$29.90 Sale \$22.43

Lemon, lime, tropical fruit. Use in Belgian and English Ales, Pilsners.

2049 NZ NELSON SAUVIN Reg \$37.90 Sale \$28.43

Distinctive white wine fruitiness. Use in Pale Ales and Lagers.

2048 NZ PACIFIC HALLERTAUI 4.5% Reg \$27.90 Sale \$20.93

Clean floral, slight citrus. Use in Lagers, Porters, Bocks, Pale Ales, Stouts.

2069 NZ PACIFIC JADE 14.2% Reg \$16.50 Sale \$12.38

Bold, herbal, fresh citrus, black pepper. Use in Ales and Lagers.

2067 STYRIAN AURORA 8.1% Reg \$16.50 Sale \$12.38

2068 STYRIAN BOBEK 3.9% Reg \$15.20 Sale \$11.40

2062 STYRIAN CELEIA 4.0% Reg \$16.50 Sale \$12.38

2085 STYRIAN GOLDING 3.8% Reg \$17.80 Sale \$13.35

A world-renowned aroma hop with widespread usage in both ale and lager brewing. Used for English-Style Ales, ESB, Bitters, and Lagers.

2077 UK ADMIRAL Reg \$20.40 Sale \$15.30

2071 UK BRAMBLING CROSS 6.3% Reg \$20.40 Sale \$15.30

2018 UK CHALLENGER 7.2% Reg \$20.40 Sale \$15.30

2074 UK FIRST GOLD 3.3% Reg \$20.40 Sale \$15.30

2038 UK FUGGLE 4.2% Reg \$21.70 Sale \$16.28

2053 UK KENT GOLDING 4.8% - 5.8% Reg \$24.98 Sale \$18.74

Traditional Old English hop. Developed by clone selection from 1790 on starting from Canterbury Whitebine. Classic English ale hop used for kettle hopping and dry hopping. All English Style Ales and ESB Bitters.

2032 UK NORTHDOWN 7.2% Reg \$20.40 Sale \$15.30

2078 UK PHOENIX 10.8% Reg \$19.10 Sale \$14.33

2033 UK PILGRIM 10.5% Reg \$19.10 Sale \$14.33

2034 UK PROGRESS 6.2% Reg \$20.40 Sale \$15.30

2087 UK TARGET 10.7% Reg \$19.10 Sale \$14.33

Widely used for high alpha acid content combined with an acceptable aroma. Used for British Ales and Lagers.

2039 UK WGV 5.3% Reg \$23.70 Sale \$17.78

## **LEAF HOPS: 1 lb.**

2105 US AHTANUM™ YCR1 4.5% Reg \$23.50 Sale \$17.63

Used for its aromatic properties and moderate bittering. Used for Lagers and American Ales.

## LEAF HOPS: 1 lb. (continued)

2115 US CASCADE 7.1% Reg \$13.90 Sale \$10.43

Derived from a cross between Fuggles and the Russian hop Serebrianker. Good for flavor and aroma, but an acceptable bittering hop. Ales and Lagers.

2170 US CENTENNIAL/CENTENNIAL TYPE 9.9% Reg \$19.50 Sale \$14.63

Selected from a cross between Brewer's Gold and a selected USDA male. Medium intensity aroma with floral and citrus tones. Very balanced hop, used for all U.S. Ale styles, including U.S. Wheat beer.

2185 US CHINOOK 11.8% Reg \$18.20 Sale \$13.65

Adds spice, pine and grapefruit flavors. Used for US Style Pale Ale, IPA, Stout, Porter, barley Wine, Lager (Bittering).

2175 US CITRA® HBC394 13.6% Reg \$25.50 Sale \$19.13

Adds citrus and pine flavors.

2108 US CLUSTER 7.6% Reg \$14.50 Sale \$10.88

Excellent general purpose hop with medium and well-balanced bittering potential and no undesirable aroma properties. Good for dark beers. Used for bittering, good flavor. Light and Dark American Lagers.

2110 US COLUMBUS 13.0% Reg \$14.50 Sale \$10.88

Relatively new variety becoming increasingly accepted. Used for bittering mainly, good flavor. IPA's, Pale Ales and Stouts.

2112 US CRYSTAL 3.4% Reg \$19.98 Sale \$14.99

Very popular in the craft-brewing industry. Viewed as the most pungent of the new triploid Hallertau family of hops. Used for Pilsners, Lagers, Kölsch, ESB, Alt, Belgian-Style Ales.

2130 US FUGGLE 5.2% Reg \$21.18 Sale \$15.89

Traditional aroma hop, appeared in 1875 England. Also known overseas as Styrian Golding. Used for finishing, dry hopping. English Ales, especially Pale Ales, Porters and Stouts.

2133 US GOLDING 5.7% Reg \$17.50 Sale \$13.13

Genuine long-established East Kent Golding variety group imported from England. Used for Pale Ales, ESB and English Style Beers

2135 US NORTHERN BREWER 9.1% Reg \$15.70 Sale \$11.78

Bred from a cross between a female hop of wild American parentage and an English male. A true dual-purpose hop, containing moderate amounts of alpha acids combined with a good aroma profile. Used for all English styles, American Ales, Kolsch and Munich Helles.

2180 US SIMCOE® 12.0% Reg \$23.00 Sale \$17.25

Adds spice, citrus and pine flavors. Used primarily for American Ales.

2160 US SORACHI ACE 15.1% Reg \$29.70 Sale \$22.28

Developed for Sapporo Breweries and used in their beers. Used for any beer that would work with a lemon taste such as Saison or an IPA with other hops that have citrusy tastes.

2117 US SUMMIT™ 17.6% Reg \$15.70 Sale \$11.78

Typically used as a bittering hop for IPAs and Imperial IPAs with orange, tangerine, and citrus notes.

2140 US TETTNANG 6.3% Reg \$20.58 Sale \$15.44

Commercially grown in the U.S. since the 1980's. Similar to Fuggle. A very popular hop with the craft-brewery industry. Used for Lagers, U.S. Ales, Pilsners, U.S. Wheats and Bitters.

## **LEAF HOPS: 1 lb. (continued)**

2125 US WILLAMETTE 5.7% Reg \$13.30 Sale \$9.98

A quality aroma hop with a smooth soft flavor. Can be used for ales and lagers. Used for finishing, dry hopping. American and British Ales.

2150 CZECH SAAZ 2.6% Reg \$23.10 Sale \$17.33

Classical noble aroma hop with long and strong traditions. Associated with the renowned Pilsner Lager. Used for finishing. Bohemian-style Beers, Continental Lagers, Wheats, Pilsner Lagers

2120 GERMAN HALLERTAU 3.3% Reg \$17.50 Sale \$13.13

Traditionally a superior German aroma hop. Excellent flavor. Mild to semi-strong aroma, versatile bittering and finishing. Used for Wheats, Altbiers, Pilsners, Belgian Ales, American and German Lagers.

2145 UK KENT GOLDING 6.7% Reg \$22.38 Sale \$16.79

The classic English Ale hop which has been used extensively in kettle hopping and for dry hopping. Used for all English style Ales, Belgian-Style Ales.

**WHITE LABS PURE LIQUID BREWERY YEAST** Reg \$9.39 Sale \$7.05

### **WLP001 CALIFORNIA ALE**

This yeast is famous for its clean flavors, balance and ability to be used in almost any style ale. It accentuates the hop flavors and is extremely versatile.

Attenuation: 73-80%; Flocculation: High; Optimum Ferm Temp: 68°-73°F

### **WLP002 ENGLISH ALE**

A classic ESB strain from one of England's largest independent breweries. This yeast is best suited for English style ales including milds, bitters, porters, and English style stouts. This yeast will leave a beer very clear, and will leave some residual sweetness.

Attenuation: 63-70%; Flocculation: Very High; Optimum Ferm Temp: 65°-68°F

### **WLP004 IRISH ALE**

This is the yeast from one of the oldest stout producing breweries in the world. It produces a slight hint of diacetyl, balanced by a light fruitiness and slight dry crispness. Great for Irish ales, stouts, porters, browns, reds and a very interesting pale ale.

Attenuation: 69-74%; Flocculation: medium to high; Optimum Ferm Temp: 65°-68°F

### **WLP005 BRITISH ALE**

This yeast is a little more attenuative than WLP002. Like most English strains, this yeast produces malty beers. Excellent for all English style ales including bitter, pale ale, porter, and brown ale.

Attenuation: 67-74%; Flocculation: High; Optimum Ferm Temp: 65°-70°F

### **WLP007 DRY ENGLISH ALE**

Clean, highly flocculant, and highly attenuative yeast. This yeast is similar to WLP002 in flavor profile, but is 10% more attenuative. This eliminates the residual sweetness, and makes the yeast well suited for high gravity ales. It also reaches terminal gravity quickly. 80% attenuation will be reached even with 10% ABV beers.

Attenuation: 70-80%; Flocculation: High; Optimum Ferm Temp: 65°-70°F

### **WLP008 EAST COAST ALE**

The "Brewer Patriot" strain can be used to reproduce many of the American versions of classic beer styles. Similar neutral character of WLP001, but less attenuation, less accentuation of hop bitterness, increased flocculation, and a little tartness. Very clean and low esters. Great yeast for golden, blonde, honey, pales and German alt style ales.

Attenuation: 70-75%; Flocculation: low to medium; Optimum Ferm Temp: 68°-73°F

**WHITE LABS PURE LIQUID BREWERY YEAST (continued)** Reg \$9.39 Sale \$7.05

**WLP011 EUROPEAN ALE**

Malty, Northern European-origin ale yeast. Low ester production, giving a clean profile. Little to no sulfur production. Low attenuation helps contribute to the malty character. Good for Alt, Kolsch, malty English ales, and fruit beers.

Attenuation: 65-70%; Flocculation: Medium; Optimum Ferm Temp: 65°-70°F

**WLP013 LONDON ALE**

Dry, malty ale yeast. Provides a complex, oakey ester character to your beer. Hop bitterness comes through well. This yeast is well suited for classic British pale ales, bitters, and stouts. Does not flocculate as much as WLP002 and WLP005.

**WLP023 BURTON ALE**

From the famous brewing town of Burton upon Trent, England, this yeast is packed with character. It provides delicious subtle fruity flavors like apple, clover honey and pear. For all English styles, IPA's, bitters, and pales. Excellent in porters and stouts. Attenuation: 69-75%; Flocculation: Medium; Optimum Ferm Temp: 68° - 73°F

**WLP028 EDINBURGH/SCOTTISH ALE**

Scotland is famous for its malty, strong ales. This yeast can reproduce complex, flavorful Scottish style ales and can be an everyday strain, similar to WLP001. Hop character is not muted with this strain, as with WLP002.

**WLP029 GERMAN KOLSCH ALE**

From a small brewpub in Cologne, Germany, this yeast works great in Kölsch and Alt style beers. Good for light beers like blond and honey. Accentuates hop flavors, similar to WLP001. The slight sulfur produced during fermentation will disappear with age and leave a super clean, lager like ale.

Attenuation: 72-78%; Flocculation: Medium; Optimum Ferm Temp: 65°-69°F

**WLP036 DUSSELDORF ALT**

Traditional Alt yeast from Dusseldorf, Germany. Produces clean, slightly sweet alt beer. Does not accentuate hop flavor as WLP029 does.

Attenuation: 76-75%; Flocculation: Medium; Optimum Ferm Temp: 65°-69°F

**WLP041 PACIFIC ALE**

A popular ale yeast from the Pacific Northwest. The yeast will clear from the beer well, and leave a malty profile. More fruity than WLP002 English Ale yeast. Good yeast from English style ales including mild, bitter, IPA, porter and English style stout.

Attenuation: 65-70%; Flocculation: Medium; Optimum Ferm. Temp: 65°-68°F

**WLP051 CALIFORNIA V ALE**

From Northern California. This strain is more fruity than WLP001 and slightly more flocculant. Attenuation is lower, resulting in a fuller bodied beer than with WLP001.

Attenuation: 70-75%; Flocculation: Medium to high; Optimum Ferm Temp: 66°-70°F

**WLP090 SAN DIEGO SUPER**

A super clean, super-fast fermenting strain. A low ester-producing strain that results in a balanced, neutral flavor and aroma profile. Alcohol-tolerant and very versatile for a wide variety of styles. Similar to California Ale Yeast WLP001 but it generally ferments faster.

Optimal Fermentation Temperature: 65-68F Attenuation: 76-83%+ Flocculation: Medium-High Alcohol Tolerance: High (check availability)

**WLP099 SUPER HIGH GRAVITY ALE**

Can ferment up to 25% alcohol. From England.

Attenuation: 80%; Flocculation: Low; Optimum Ferm. Temp: 69°-74°F

**WHITE LABS PURE LIQUID BREWERY YEAST (continued)** Reg \$9.39 Sale \$7.05

#### WLP351 BAVARIAN WEIZEN YEAST

Produces a classic German-style wheat beer, with moderately high, spicy, phenolic overtones reminiscent of cloves. Attenuation: 73-77% Flocculation: Low Optimum Ferm Temp: 66-70F Alcohol Tolerance: Medium

#### WLP665 FLEMISH ALE BLEND

Blended culture used to produce the classic beer styles of the West Flanders region of Belgium. A proprietary blend of *Saccharomyces* yeasts, *Brettanomyces*, *Lactobacillus*, and *Pediococcus*, this culture creates a more complex, dark stone fruit characteristic than WLP655 Belgian Sour Mix. Attenuation: 80-85%+ Flocculation: Low-Medium Optimum Ferm Temp: 68-80F° (20-26°C) Alcohol Tolerance: Medium-High

#### WLP060 AMERICAN ALE YEAST BLEND

Our most popular strain is WLP001-California Ale yeast. This blend celebrates the strengths of California - clean, neutral fermentation, versatile usage and adds two other strains that belong in the same "clean/neutral" flavor category. The additional strains create complexity to the finished beer, and will taste more lager like than just WLP001. Hops flavors and bitterness are accentuated, but to the extreme of WLP001. Slight sulfur will be produced during fermentation.

Attenuation: 72-80%; Flocculation: Medium; Optimum Ferm Temp: 68°-73°F

#### WLP080 CREAM ALE YEAST BLEND

This is a blend of ale and lager yeast strains. The strains work together to create a clean, crisp, light American lager style ale. A pleasing estery aroma may be perceived from the ale yeast contribution. Hop flavors and bitterness are slightly subdued. Slight sulfur will be produced during fermentation, from the lager yeast.

Attenuation: 75-80%; Flocculation: Medium; Optimum Ferm Temp: 65°-70°F; Alcohol Tolerance: Medium High

#### WLP568 BELGIAN STYLE SAISON ALE YEAST BLEND

This blend melds Belgian style ale and saison strains. The strains work in harmony to create complex, fruity aromas and flavors. The blend of yeast strains encourages complete fermentation in a timely manner. Phenolic, spicy, earthy, and clove like flavors are also created.

Attenuation: 70-80% Flocculation: Medium Optimum Ferm Temp: 70°-80°F Alcohol Tolerance: Medium

#### WLP575 BELGIAN STYLE ALE YEAST BLEND

A blend of Trappist type yeast (2) and one Belgian ale type yeast. This creates a versatile blend that can be used for Trappist type beer, or a myriad of beers that can be described as 'Belgian type'.

Attenuation: 74-80%; Flocculation: Medium; Optimum Ferm Temp: 68°-75°F

#### WLP630 BERLINER WEISSE BLEND

A blend of a traditional German Wiezen yeast and *Lactobacillus* to create a subtle, tart, drinkable beer. Can take several months to develop tart character. Perfect for traditional Berliner Weisse.

Attenuation: 73-80% Flocculation: Medium Optimum Ferm Temp: 68-72°F (20-22°C) Alcohol Tolerance: 5-10%

#### WLP670 AMERICAN FARMHOUSE BLEND

Inspired by local American brewers crafting semi-traditional Belgian-style ales, this blend creates a complex flavor profile with a moderate level of sourness. It consists of a traditional farmhouse yeast strain and *Brettanomyces*. Great yeast to use for farmhouse ales, Saisons, and other Belgian-inspired beers.

Attenuation: 75-82%; Flocculation: Medium; Optimum Ferm Temp: 68-72F (20-22C); Alcohol Tolerance: 5-10%

#### WLP300 HEFEWEIZEN ALE

This famous German yeast is a strain used in the production of traditional, authentic wheat beers. It produces the banana and clove nose traditionally associated with German wheat beers and leaves the desired cloudy look of traditional German wheat beers.

Attenuation: 72-76%; Flocculation: Low; Optimum Ferm Temp: 68°-72°F

**WHITE LABS PURE LIQUID BREWERY YEAST (continued)** Reg \$9.39 Sale \$7.05

**WLP320 AMERICAN HEFEWEIZEN ALE**

This yeast is used to produce the Oregon style American Hefeweizen. Unlike WLP300, this yeast produces a very slight amount of the banana and clove notes. It produces some sulfur, but is otherwise a clean fermenting yeast, which does not flocculate well, producing a cloudy beer.

Attenuation: 70-75%; Flocculation: Low; Optimum Ferm Temp: 65°-69°F

**WLP380 HEFEWEIZEN IV ALE**

Large clove and phenolic aroma and flavor, with minimal banana. Refreshing citrus and apricot notes.

Crisp, drinkable. Less flocculent than WLP300, sulfur production is higher.

Attenuation: 73-80%; Flocculation: Low; Optimum Ferm Temp: 66°-70°F

**WLP400 BELGIAN WIT ALE**

Slightly phenolic and tart, this is the original yeast used to produce Wit in Belgium.

Attenuation: 74-78%; Flocculation: low-medium; Optimum Ferm Temp: 67°-74°F

**WLP500 TRAPPIST ALE**

From one of the six Trappist breweries remaining in the world, this yeast produces the distinctive fruitiness and plum characteristics. Excellent yeast for high gravity beers, Belgian ales, dubbels and trippels.

Attenuation: 73-78%; Flocculation: low to medium; Optimum Ferm Temp: 65°-72°F

**WLP530 ABBEY ALE**

Used in two of the six Trappist breweries remaining in the world, this yeast produces the distinctive fruitiness and plum characteristics. Excellent yeast for high gravity beers, Belgian ales, dubbels & trippels.

Attenuation: 73-78%; Flocculation: medium to high; Optimum Ferm Temp: 66°-72°F

**WLP545 BELGIAN STRONG ALE**

From the Ardennes region of Belgium, this classic yeast strain produces moderate levels of ester and spicy phenolic character. Typically results in a dry, but balanced finish. This yeast is well suited for Belgian dark strong, Abbey Ales, and Christmas beers.

Attenuation: 78-85%; Flocculation: Medium; Optimal Fermentation Temperature: 66-72F; Alcohol Tolerance: High

**WLP550 BELGIAN ALE**

Saisons, Belgian Ales, Belgian Reds, Belgian Browns, and White beers are just a few of the classic Belgian beer styles that can be created with this yeast strain. Phenolic and spicy flavors dominate the profile, with less fruitiness than WLP500.

**WLP565 SAISON ALE**

Classic Saison yeast from Wallonia. It produces earthy, peppery, and spicy notes. Slightly sweet. With high gravity saisons, brewers may wish to dry the beer with an alternate yeast added after 75% fermentation.

Attenuation: 65-75%; Flocculation: Medium; Optimum Ferm Temp: 68°-75°F

**WLP566 BELGIAN SAISON II ALE**

Saison strain with more fruity ester production than with WLP565. Moderately phenolic, with a clove-like characteristic in finished beer flavor and aroma. Ferments faster than WLP565.

Attenuation: 78-85% Flocculation: Medium Optimum Ferm Temp: 68-78 F Alcohol Tolerance: Medium

**WLP570 BELGIAN GOLDEN ALE**

From East Flanders, versatile yeast that can produce light Belgian ales to high gravity Belgian beers (12% ABV). A combination of fruitiness and phenolic characteristics dominate the flavor profile. Some sulfur is produced during fermentation, which will dissipate following the end of fermentation.

Attenuation: 75-80%; Flocculation: Low; Optimum Ferm Temp: 68°-75°F



**WHITE LABS PURE LIQUID BREWERY YEAST (continued)** Reg \$9.39 Sale \$7.05

**WLP800 PILSEN LAGER**

Classic pilsner strain from the premier pilsner producer in the Czech Republic. Somewhat dry with a malty finish, this yeast is best suited for European pilsner production.

Attenuation: 72-77%; Flocculation: medium to high; Optimum Ferm Temp: 50°-55°F

**WLP802 CZECH BUDEJOVICE LAGER**

Pilsner lager yeast from Southern Czech Republic. Produces dry and crisp lagers, with low diacetyl production.

Attenuation: 75-80%; Flocculation: Medium; Optimum Ferm Temp: 50°-55°F

**WLP810 SAN FRANCISCO LAGER**

This yeast is used to produce the "California Common" style beer. A unique lager strain which has the ability to ferment up to 65 degrees while retaining lager characteristics. Can also be fermented down to 50 degrees for production of arzens, pilsners and other style lagers.

Attenuation: 65-70%; Flocculation: High; Optimum Ferm Temp: 58°-65°F

**WLP820 OKTOBERFEST LAGER**

This yeast produces a very malty, bock like style. It does not finish as dry as WLP830, as it is much slower in the first generation. We encourage a larger starter to be used the first generation or schedule a longer lagering time.

Attenuation: 65-73%; Flocculation: Medium; Optimum Ferm Temp: 52°-58°F

**WLP830 GERMAN LAGER**

This yeast is one of the most widely used lager yeasts in the world. Very malty and clean, great for all German lagers, pilsner, Oktoberfest, and marzen.

Attenuation: 74-79%; Flocculation: Medium; Optimum Ferm Temp: 50°-55°F

**WLP833 GERMAN BOCK**

From the alps of southern Bavaria, this yeast produces a beer that is well balanced between malt and hop character. The excellent malt profile makes it well suited for Bocks, Doplebocks, and Oktoberfest style beers. Very versatile lager yeast.

Attenuation: 70-76%; Flocculation: Medium; Optimum Ferm Temp: 48°-55°F

**WLP838 SOUTHERN GERMAN LAGER**

This yeast is characterized by a malty finish and balanced aroma. It is a strong fermenter, produces slight sulfur, and low diacetyl.

Attenuation: 68-76%; Flocculation: medium to high; Optimum Ferm Temp: 50°-55°F

**WLP840 AMERICAN PILSNER LAGER**

This yeast is used to produce American style lagers. Dry and clean with a very slight apple fruitiness. Sulfur and diacetyl production is minimal.

Attenuation: 75-80%; Flocculation: Medium; Optimum Ferm Temp: 50°-55°F

**WLP862 CRY HAVOC**

This signature strain, licensed from Charlie Papazian, has the ability to ferment at both ale and lager temperatures allowing the brewer to produce diverse beer styles. When fermented at ale temperatures, the yeast produces fruity esters reminiscent of berries and apples. Hop character comes through well with hop accented beers. Diacetyl production will be very low when proper fermentation techniques are used. When fermented at lager temperatures, esters are low in high gravity beers and negligible in other beers. Pleasant baked bread-like yeast aroma is often perceived in malt accented lagers. Slightly extended fermentation times may be experienced compared to other lagers. Some fermentation circumstances may produce sulfur aroma compounds, but these will usually dissipate with time. Good yeast for bottle conditioning. Alt beers can be cellared at lagering temperatures.

For Lagers: Attenuation: 66-70%; Flocculation: L; Optimim Ferm Temp: 55°-58°F; Optimim lagering temp: 32°-37°F.

**WHITE LABS PURE LIQUID BREWERY YEAST (continued)** Reg \$9.39 Sale \$7.05

**WLP940 MEXICAN LAGER**

From Mexico City, this yeast produces clean lager beer with a crisp finish. It is good for Mexican style light lagers as well as dark lagers. Attenuation: 70-78%. Flocculation: Medium. Optimum Fermentation Temperature: 50-55 degrees F, (10-13 degrees C). Alcohol Tolerance: Medium.

**WHITE LABS PURE LIQUID WINE/MEAD/CIDERS YEAST** Reg \$9.39 Sale \$7.05

**WLP700 FLOR SHERRY**

This yeast develops a film (flor) on the surface of the wine. Creates green almond, granny smith and nougat characteristics found in sherry. Can also be used for Port, Madeira and other sweet styles. For use in secondary fermentation. Slow fermentor.

Alcohol Tolerance: 16%; Attenuation: >80%; Flocculation: N/A; Optimum Fermentation Temperature: >70% F

**WLP705 SAKE**

For use in rice based fermentations. For sake, use this yeast in conjunction with koji (to produce fermentable sugar). WLP705 produces full body sake character, and subtle fragrance.

Alcohol Tolerance: 16%; Attenuation: >80%; Flocculation: N/A; Optimum Fermentation Temperature: >70%

**WLP715 CHAMPAGNE**

Classic yeast, used to produce champagne, cider, dry meads, dry wines, or to fully attenuate barley wines/strong ales. Can tolerate alcohol concentrations up to 17%. Neutral.

Attenuation: 75%; Flocculation: Low; Optimum Ferm Temp: 70°-75°F

**WLP718 AVIZE**

Champagne isolate used for complexity in whites. Contributes elegance, especially in barrel fermented Chardonnays. Attenuation: 80%; Flocculation: Low; Optimum Ferm. Temp: 60°-90°F. (Special order only.)

**WLP720 SWEET MEAD/WINE**

A wine yeast strain that is less attenuative than WLP715, leaving some residual sweetness. Slightly fruity and will tolerate alcohol concentrations up to 15%. A good choice for sweet mead and cider, as well as Blush wines, Gewürztraminer, Sauternes, Riesling. Attenuation: 75%; Flocculation: Low; Optimum Ferm Temp: 70°-75°F

**WLP727 STEINBERG-GEISENHEIM**

German in origin, this yeast has high fruit/ester production. Perfect for Riesling and Gewurztraminer. Moderate fermentation characteristics and cold tolerant.

Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 50°-90°F

**WLP730 CHARDONNAY WINE**

Dry wine yeast. Slight ester production, low sulfur dioxide production. Enhances varietal character. Good choice for all white and blush wines, including Chablis, Chenin Blanc, Semillon, and Sauvignon Blanc.

Fermentation speed is moderate. Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 50°-90%

**WLP735 FRENCH WHITE WINE**

Classic yeast for white wine fermentation. Slow to moderate fermenter and foam producer. Gives an enhanced creamy texture. Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 60°-90°F

**WLP740 MERLOT RED WINE**

Neutral, low fusel alcohol production. Will ferment to dryness, alcohol tolerance to 18%. Vigorous fermenter.

WLP740 is also well suited for Cabernet, Shiraz, Pinot Noir, Chardonnay, Sauvignon Blanc, and Semillon.

Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 60°-90°F

**WHITE LABS PURE LIQUID WINE/MEAD/CIDERS YEAST ( continued) Reg \$9.39 Sale \$7.05**

**WLP750 FRENCH RED WINE**

Classic Bordeaux yeast for red wine fermentations. Moderate fermentation characteristics. Tolerates lower fermentation temperatures. Rich, smooth flavor profile.

Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 60°-90°F

**WLP760 CABERNET RED WINE**

High temperature tolerance. Moderate fermentation speed. Excellent for full bodied red wines, ester production complements flavor. WLP760 is also suitable for Merlot, Chardonnay, Chenin Blanc, and Sauvignon Blanc.

Attenuation: 80%; Flocculation: Low; Optimum Ferm Temp: 60°-90°F

**WLP770 SUREMAIN BURGUNDY**

**WLP775 ENGLISH CIDER**

Classic cider yeast. Ferments dry, but retains flavor from apples. Sulfur is produced during fermentation, but will disappear in first two weeks of aging. Can also be used for wine and high gravity beers.

Attenuation: 80%; Flocculation: Medium; Optimum Ferm Temp: 68°-75°F

**WHITE LABS PURE LIQUID BRETTANOMYCES AND BACTERIA Reg \$9.39 Sale \$7.05**

**WLP644 BRETTANOYMCES BRUXELLENSIS TRIOS**

**WLP645 BRETTANOMYCES CLAUSSENI**

Low Intensity Brett character. Originally isolated from strong English stock beer, in the early 20th century. The Brett flavors produced are more subtle than WLP650 and WLP653. More aroma than flavor contribution.

Fruity, pineapple like aroma. *B. clausenii* is closely related to *B. anomalus*.

Attenuation: N/A; Flocculation: N/A; Optimum Ferm. Temp: N/A.

**WLP650 BRETTANOMYCES BRUXELLENSIS**

Medium intensity Brett character. Classic strain used in secondary fermentation for Belgian style beers and lambics. One Trappist brewery uses this strain in secondary and bottling to produce their characteristic flavor.

Attenuation: N/A; Flocculation: N/A; Optimum Ferm. Temp: N/A.

**WLP653 BRETTANOMYCES LAMBICUS**

High intensity Brett character. Defines the "Brett character": horsey, smoky and spicy flavors. As the name suggests, this strain is found most often in Lambic style beers, which are spontaneously fermented beers.

Also found in Flanders and sour brown style beers.

Attenuation: N/A; Flocculation: N/A; Optimum Ferm. Temp: N/A.

**WLP655 BELGIAN SOUR MIX**

A unique blend perfect for Belgian style beers. Includes *Brettanomyces*, *Saccharomyces*, and the bacterial strains *Lactobacillus* and *Pediococcus*.

Attenuation: N/A; Flocculation: N/A; Optimum Ferm. Temp: N/A.

**WLP790 MALOLACTIC BACTERIA (MCW Liquid Culture)**

(White Labs item #WLP675)

**WLN3200 SERVOMYCES YEAST NUTRIENT Reg \$15.00 Sale \$11.25**

A nutritional yeast supplement (GMO free) originally developed for German brewers by Weihenstephan and the Munich University. Conforms to the restrictions of Reinheitsgebot. Enables any yeast strain's ability to incorporate essential nutrients into its cellular structure. 6 capsules/each.

## Vintner's Best® Winemaking Equipment Kits

3008 VINTNER'S BEST® ONE GALLON EQUIPMENT KIT Reg \$51.65 Sale \$38.74

Contains:

- 2 Gallon Fermenting Bucket with Drilled and Grommated Lid
- Clear One Gallon Glass Jug
- 38mm Screw Cap with Hole for Gallon Jug
- Mini Auto-Siphon
- Econolock
- Easy Clean No-Rinse Cleanser
- 5 ft Siphon Tubing
- Siphon Hose Shut-Off Clamp
- Small Coarse Nylon Straining Bag
- Sodium Campden Tablets
- Montrachet Red Star Active Freeze-Dried Yeast
- Winemakers Recipe Handbook
- Equipment Instructions

3010 VINTNER'S BEST® EQUIPMENT KIT Reg \$121.95 Sale \$9.15

Contains:

- 7.9 Gallon Fermenter with Drilled and Grommetted Lid
- 6 Gallon Glass Carboy
- #6.5 Drilled Stopper to fit Carboy
- Econolock
- Bottle Brush
- Wine Hydrometer
- Easy Clean No-Rinse Cleanser
- 30 – 8 x 1 ¾ Corks
- Fermtech Racking Tube
- 5 ft Siphon Tubing
- Fermtech Bottle Filler
- Plastic Shut-Off Valve
- Equipment Instructions

3010BB VINTNER'S BEST® EQUIPMENT KIT WITH BETTER BOTTLE CARBOY Reg \$94.39 Sale \$70.79

Contains:

- 7.9 Gallon Fermenter with Drilled and Grommetted Lid
- 6 Gallon Better Bottle Carboy
- Drilled Rubber Stopper
- Econolock
- Bottle Brush
- Wine Hydrometer
- Easy Clean No-Rinse Cleanser
- 30 – 8 x 1 ¾ Corks
- Fermtech Racking Tube
- 5 ft Siphon Tubing
- Fermtech Bottle Filler
- Plastic Shut-Off Valve
- Equipment Instructions

3010DLC VINTNER'S BEST® EQUIPMENT KIT W/ DOUBLE LEVER CORKER Reg \$141.69 Sale \$106.27

Same as above kit with a double lever corker.

3010DBB VINTNER'S BEST® EQUIPMENT KIT W/ DOUBLE LEVER CORKER Reg \$116.89 Sale \$87.67  
AND BETTER BOTTLE CARBOY

## **Vintner's Best® Winemaking Equipment Kits (continued)**

3012 DELUXE VINTNER'S BEST® EQUIPMENT KIT Reg \$168.69 Sale \$126.52

Contains:

- 7.9 Gallon Fermenter with Drilled and Grommated Lid
- 6 Gallon Glass Carboy
- "Winemakers Recipe Handbook"
- Easy Clean No-Rinse Cleanser
- Double Lever Corker
- 30 – 8 x 1 ¾ Corks
- 24" Plastic Spoon
- Triple Scale Hydrometer
- Econolock
- Drilled Universal Carboy Bung
- 5 ft Siphon Tubing
- Fermtech Auto Siphon
- Bottle Filler
- Bottle Brush
- Equipment Instructions

3012BB VINTNER'S BEST® EQUIPMENT KIT WITH BETTER BOTTLE CARBOY Reg \$141.69 Sale \$106.27

Contains:

- 7.9 Gallon Fermenter with Drilled and Grommated Lid
- 6 Gallon Better Bottle Carboy
- "Winemakers Recipe Handbook"
- Easy Clean No-Rinse Cleanser
- Double Lever Corker
- 30 – 8 x 1 ¾ Corks
- 24" Plastic Spoon
- Triple Scale Hydrometer
- Econolock
- Drilled Rubber Stopper
- 5 ft Siphon Tubing
- Fermtech Auto Siphon
- Bottle Filler
- Bottle Brush
- Equipment Instructions

## **Vintners Reserve Wine Kits: White**

3162 MEZZA LUNA WHITE Reg \$83.90 Sale \$62.93

Clean and dry with soft flavors that perfectly complement almost all seafood.

3163 PINOT GRIS Reg \$81.90 Sale \$61.43

Verging on the golden-yellow, this wine has a medium body with aromas of apple, pear and melon, and drinks well while still young.

3165 PINOT BLANC Reg \$69.90 Sale \$52.43

A delicate blend of Chardonnay and other California grapes. Dry, sharp and lightly fruity full-bodied taste.

3166 GEWURZTRAMINER Each \$38.95 Reg \$69.90 Sale \$52.43

Aromatic bouquet, cinnamon-like spiciness with a long, full finish.

## **Vintners Reserve Wine Kits: White (continued)**

3167 VIOGNIER Each \$39.95 Reg \$69.90 Sale \$52.43

A medium bodied, white wine, low in acidity, with aromatic notes of peaches and apricots. Serve with spicy Thai cuisine, Chinese take-out, Mexican dishes, medium to strong and salty cheeses.

3169 ANGEL BLANCO Reg \$81.90 Sale \$61.43

An easy drinking, well-rounded white wine, with appealing fruit flavors and aromas. Rich and boldly fruity from a blend of Chardonnay, Muscat and Riesling that delivers up a floral aromatic nose and a fine mix of peach, honey, pineapple fruit, finishing with a perfect balance of acidity and fruitiness.

3170 CHAMBLAISE (Chablis) Reg \$73.90 Sale \$55.43

Crisp, semi-dry wine with a clean, refreshing aftertaste.

3172 LIEBFRAUMILCH Reg \$77.90 Sale \$58.43

Classic medium-dry wine with a pleasant, fruity flavor.

3174 RIESLING Reg \$69.90 Sale \$52.43

Light, refreshing and well balanced. Smooth and easy to drink.

3176 SAUVIGNON BLANC Reg \$77.90 Sale \$58.43

Full-bodied and dry with a crisp, clean finish.

3180 COASTAL WHITE Reg \$67.90 Sale \$50.93

Full-bodied, robust flavor accented with fresh peach and apricot aromas.

3184 PIESPORTER Reg \$77.90 Sale \$58.43

Spicy German tongue teaser with a fragrant aroma.

3188 CHARDONNAY Reg \$85.90 Sale \$64.43

Dry with pleasant acidity and a fruity bouquet.

## **Vintners Reserve Wine Kits: Red**

3189 VALPOLICELLA Reg \$83.90 Sale \$62.93

Ruby red color with a delicate bouquet and rich texture.

3191 CABERNET SAUVIGNON Reg \$87.90 Sale \$65.93

The king of the reds. Bold, deep character; age for maximum benefits.

3192 COASTAL RED Reg \$79.90 Sale \$59.93

Aromatic red wine that is well rounded and balanced.

3194 CHIANTI Reg \$83.90 Sale \$62.93

Firm, dry Italian wine that bursts with flavors of berries, spices and herbs.

3195 WHITE ZINFANDEL Reg \$79.90 Sale \$59.93

Blush wine with sweet plum flavors and a refreshing, flavorful finish.

3196 BLUSH Reg \$73.90 Sale \$55.43

Light, refreshing and delicious blush wine with a slightly drier finish than White Zinfandel.

3198 BERGAMAIS (Beaujolais) Reg \$81.90 Sale \$61.43

Light-bodied, fruity nouveau style wine.

## **Vintners Reserve Wine Kits: White (continued)**

3199 DIABLO ROJO Reg \$87.90 Sale \$65.93

Dark purple in color with a nose of blackberry jam melded with creamy vanilla aromas and a touch of tobacco. Rich in the mouth, it has gently smooth tannins and ripe plum and berry flavors - very much in the character of an off-dry Merlot. The finish is long and fruit-filled, with the perfect amount of toasty oak. While it will improve with ageing, this wine is perfect for enjoying right away, delicious with robust foods and excellent all on its own.

3200 VIEUX CHATEAU DU ROI (Chateau Neuf du Pape) Reg \$85.90 Sale \$64.43

Full-bodied yet soft. Contains oak chips to enhance its fine aromatic qualities.

3202 PINOT NOIR Reg \$87.90 Sale \$65.93

Has a velvety flavor that is met with a fullness of aroma resembling black currants.

3203 MEZZA LUNA RED Reg \$87.90 Sale \$65.93

Rich and flavorful, this blend marries intense aromas with complex flavors bursting of cherry and raspberry.

3205 MERLOT Reg \$87.90 Sale \$65.93

Full, fruity intensity. Deep in color with black cherry and berry aromas.

3208 SHIRAZ Reg \$87.90 Sale \$65.93

Australia's own "big red". A blend of blackberry fruit, spice and chocolate that's a dark and delicious treat

## **Vintners Reserve World Vineyard Collection: Red**

3590 AUSTRALIAN SHIRAZ Reg \$93.90 Sale \$70.43

Offers lush berry aromas that beg for a hearty whiff. A wine of ripe fullness, its concentrated blackberry fruits and fragrant spiciness. It has the uncanny quality of allowing early consumption despite its complexity and "bigness". Robust and lively, Australian Shiraz is a savory treat.

3597 CALIFORNIA PINOT NOIR Reg \$95.90 Sale \$71.93

An intense ripe grape and black cherry aroma, accented by a spicy suggestion of cinnamon and mint. Medium-bodied and rich but not heavy, balanced with alcohol acid and tannin with substantial flavor despite its delicacy. It has an appealing soft, velvety texture like liquid silk gently caressing the palate.

3591 CALIFORNIA TRINITY RED Reg \$93.90 Sale \$70.43

Cabernet Franc, Cabernet Sauvignon, and Merlot, coming together to make a perfectly balanced, well-structured dry red wine. Notes of black cherry and coffee complement the smokey, herbal flavors, and hints of vanilla that round out this medium bodied wine, making it highly enjoyable for any occasion. Serve with a roast dinner or barbecued steak.

3592 CALIFORNIA ZINFANDEL SHIRAZ Reg \$95.90 Sale \$71.93

A deep flavorful red wine with notes of raspberry, black cherries, figs, dark chocolate and a jamminess that finishes with a peppery spice.

3593 CHILEAN MALBEC Reg \$89.90 Sale \$67.43

The hot dry climate allows the grapes to reach excellent ripeness, and lush fruity characters, making an intense, black wine. A thick-skinned grape full of color, tannin and flavor, Blackberry, plums, tar, red pepper, sweet cherry, spice, licorice and deep bittersweet notes, almost like unsweetened chocolate, or espresso.

## **Vintners Reserve World Vineyard Collection: Red (continued)**

3594 CHILEAN MERLOT Reg \$89.90 Sale \$67.43

This reputable Merlot is a soft and supple variation with powerful fruit and spicy flavors. Renowned for its ripe cherry character, the Merlot is a perfect partner for red meats, lamb, and hearty stews. A must-have on those crisp autumn evenings.

3596 FRENCH CABERNET SAUVIGNON Reg \$91.90 Sale \$68.93

Rich, intense aromas, deep berry fruits, healthy tannins, and a smooth, lingering finish. With the proper tannin astringency and premium French oak evident throughout, this is an elegant wine offering body and complexity when aged.

3599 ITALIAN BAROLO Reg \$97.90 Sale \$73.43

Medium in body with a luminous dark cherry color. Barolo has rich, spicy fruit and finishes with chewy, deep and long-lasting flavor. Not for the faint of heart, Barolo is for those seeking intensity and complexity.

3598 ITALIAN SANGIOVESE Reg \$93.90 Sale \$70.43

The lively fruit and good acidity make it one of the most food-friendly of all reds, pairing well with pasta, Veal Parmigiana, intensely flavored cheeses, and fruits.

3595 SPANISH TEMPRANILLO Reg \$95.90 Sale \$71.93

Gorgeous ruby red in color, this medium-bodied wine is Spain's answer to Cabernet Sauvignon, with berry, plum and herbal notes running to a lush finish of tobacco, leather and vanilla

## **Vintners Reserve World Vineyard Collection: White**

3580 AUSTRALIAN CHARDONNAY Reg \$87.90 Sale \$62.93

Supple and slightly buttery, this wine lingers on the palate with layers of toast and spice. Extremely versatile with foods, this is the 'red wine' of white wines, combining beautifully with grilled pork, chicken, fish, salads and pasta sauces.

3581 AUSTRALIAN RIVERLAND RESERVE Reg \$81.90 Sale \$61.43

A stunningly unique blend of Sauvignon Blanc, Colombard and Muscat varieties sourced from Australia's Riverland region on the Murray River. The hot climate produces a wine offering a lively combination of rich ripe fruits, complementary acidity, and a full body, making this delicious white wine a 'must-try'.

3586 CALIFORNIA TRINITY WHITE Reg \$87.90 Sale \$62.93

A unique blend of Colombard, Sauv Blanc and Semillon, combining lemon and grapefruit aromas with rounded fruit, redolent of melons and fresh figs to round out this crisp refreshing medium-bodied white.

3583 FRENCH SAUVIGNON BLANC Reg \$81.90 Sale \$61.43

Steely, grassy, herbaceous - the classic traits of palate-cleansing Sauvignon Blanc are here in this version sourced directly from the French countryside. Crisp and dry, this refreshing wine is a fabulous match with food, as its full, fresh flavors and wonderfully balanced acidity make it essential with chicken, fish and grilled vegetables.

3585 GERMAN MÜLLER-THURGAU Reg \$89.90 Sale \$67.43

Delicious flavors apricot, green apple and peach aromas of Riesling, and the early ripening qualities of Silvaner. A great sipping wine (there's nothing like a crisp glass of Müller-Thurgau and some crunchy chips!), but mostly it's a very satisfying wine to quench a thirst in good company.

3582 ITALIAN PINOT GRIGIO Reg \$85.90 Sale \$64.43

The Italians have their own way with the Pinot Gris grape variety, and in the process they create a special magic with it that's unmatched elsewhere in the wine world. Though dry in character and with a pleasant zip of acidity, this Pinot Grigio shows off a pleasant floral fragrance and tremendous fruit flavors, making it the perfect picnic accompaniment.



## **Vintners Reserve World Vineyard Collection: White (continued)**

3587 WASHINGTON RIESLING Reg \$87.90 Sale \$62.93

A distinctive floral and green apple aroma mixed with mineral elements from its Washington vineyard, giving it a brisk, "racy" quality. Its high natural level of acidity enables it to balance a hint of residual sugar, setting off aromas of rose petal, apple, pear, peach and apricot and leading to a grand crisp finish of flinty mineral notes.

### **Selection Premium Wine Kits: White**

3119 VIOGNIER Reg \$113.90 Sale \$85.43

This exquisite California white wine has intense fruitiness, but shows a surprisingly dry and aromatic finish.

3227 GEWURZTRAMINER Reg \$121.90 Sale \$91.43

Deeply colored, crisp and spicy wine with flowery perfume and flavors of lychees and roses.

3230 LIEBFRAUMILCH Reg \$111.90 Sale \$83.93

A perfect marriage of sweetness with a slightly dry finish and a floral bouquet.

3231 LUNA BIANCA Reg \$119.90 Sale \$89.93

The "Big White". Lush, golden and rich, this wine is smooth and mouth-filling.

3235 PIESPORTER Reg \$115.90 Sale \$86.93

German wine with a vivid fruitiness and classic flavors.

3236 SAUVIGNON BLANC Reg \$117.90 Sale \$88.43

Light to medium-bodied dry wine that develops a grassy bouquet and spicy taste.

3240 CHARDONNAY/SEMILLON Reg \$117.90 Sale \$88.43

The combination of these two varieties gives a depth of complexity and character.

3242 JOHANNISBERG RIESLING Reg \$113.90 Sale \$85.43

Fruity aroma and floral bouquet; crisp with a fruity and cinnamon taste.

3248 SYMPHONY Reg \$119.90 Sale \$89.93

A fabulous wine with incredibly intense aromas of melon, grapefruit, mango, peach, banana and papaya.

### **Selection Premium Wine Kits: Red**

3244 BAROLO Reg \$121.90 Sale \$91.43

From the Piedmont region of Italy. Big on flavor, deep in color with a good oak aroma.

3245 PINOT NOIR Reg \$123.90 Sale \$92.93

Subtle, spicy fruit flavors are a delight to the palate.

3246 CABERNET SAUVIGNON Reg \$125.90 Sale \$94.43

The king of reds. Deep, full-bodied wine with intense aroma and flavor.

3247 MERLOT Reg \$127.90 Sale \$95.93

Deep in color and full of fruit intensity.

3249 LUNA ROSSA Reg \$133.90 Sale \$100.43

This bold, robust, mouth-filling delight is indeed the "king" of all red wines.

3250 WHITE ZINFANDEL Reg \$125.90 Sale \$94.43

This blush favorite has the trademark pink hues and a soft, refreshing taste.

## **Selection Premium Wine Kits: Red (continued)**

3253 CABERNET SAUVIGNON/MERLOT Each \$64.95

Popular blend that combines plump, fruity Merlot grapes with robust Cabernet Sauvignon grapes.

3255 VALPOLICELLA STYLE Reg \$119.90 Sale \$89.93

Ruby red color, fragrant & fruity with a delicate bouquet and a rich texture.

3256 CHIANTI Reg \$119.90 Sale \$89.93

This blend is famous for its full, dry character and elegant flavors of cherries and blackberries.

3259 VIEUX CHATEAU DU ROI (Chateauneuf-du-Pape) Reg \$127.90 Sale \$95.93

Full-bodied, complex character, yet soft and quick to mature.

3279 WHITE MERLOT Reg \$117.90 Sale \$88.43

Medium pink rose' style wine with luscious berry flavors and aromas with a crisp finish.

## **Selection International Series Wine Kits**

### AUSTRALIAN RED

3266 AUSTRALIAN CABERNET/SHIRAZ Reg \$141.90 Sale \$106.43

Cabernet Sauvignon's intensity compliments the fruity and chocolate Shiraz flavors for a rich, complex and hearty wine.

3120 AUSTRALIAN CABERNET SAUVIGNON Reg \$143.90 Sale \$107.93

Big and approachable in true Aussie style, this Cabernet from Down Under is a long lasting, robust wine that will reward those with the patience to age it.

3287 AUSTRALIAN GRENACHE/SHIRAZ/MOURVEDRE Reg \$145.90 Sale \$109.43

The blending of these three grapes is a classic and make for a blend of length, power, and fruitiness. With its strong flavor and aromas of black fruits and bold tannins, this wine will develop impressive finesse and complexity after a year in the bottle.

3124 AUSTRALIAN SHIRAZ Reg \$141.90 Sale \$106.43

Wonderfully delicious, with startling rich, ripe aromas that deliver right through to the full, zesty finish.

### AUSTRALIAN WHITE

3125 AUSTRALIAN CHARDONNAY Reg \$139.90 Sale \$104.93

Full, supple, buttery, and fruity, this golden wine delivers from the moment the first sip reaches your palate to the clean, lingering finish.

3232 AUSTRALIAN TRAMINER/RIESLING Reg \$139.90 Sale \$104.93

The lively golden hue reveals a combination of floral notes and apple crispness with perfumed headiness of lychee, rose petals, and hints of passion fruit. The long finish and medium body makes a great off-dry wine for sipping.

### CHILEAN RED

3260 CHILEAN CABERNET SAUVIGNON Reg \$121.90 Sale \$91.43

This flavorful Chilean classic boasts black pepper and berry bouquets.

3237 CHILEAN CARMENERE Reg \$137.90 Sale \$103.43

Deep crimson, with dark cherry aroma, red fruits and berry notes running to a smokey, spicy finish with notes of dark chocolate and tobacco. With medium body and moderate tannins, Carmenere drinks well young and improves with age. Drink with grilled beef, pizza, or (best of all!) dark chocolate.

## Selection International Series Wine Kits (continued)

### CHILEAN RED

3233 CHILEAN MALBEC Reg \$141.90 Sale \$106.43

This richly purple colored wine carries a velvety texture with long soft flavors. Although it ages beautifully, firm tannins and mellow acidity allow it to be enjoyed young.

3261 CHILEAN MERLOT Reg \$121.90 Sale \$91.43

Powerful fruit and spice flavor with mellow tannins for a supple finish.

3258 CHILEAN PINOT NOIR Reg \$125.90 Sale \$94.43

A bright ruby color with delicate aromas of red berry flavors. Medium bodied and supple with a hint of herbiness, the mouthfeel is very elegant with soft tannins and a subtle oak finish.

### CHILEAN WHITE

3234 CHILEAN CHARDONNAY Reg \$115.90 Sale \$86.93

Lively, medium-bodied wine with citrus and apple notes.

3126 CHILEAN SAUVIGNON BLANC Reg \$117.90 Sale \$88.43

A gorgeous nose of honeydew, peach and gooseberry is followed by a silky palate with white peach and mineral flavors and a long finish. Bright, crisp and inviting at three months, it's refreshingly complex and tropical, and will develop notes of basil and mint with age.

### FRENCH RED

3251 FRENCH MERLOT Reg \$135.90 Sale \$101.93

Dry, full-bodied and deeply colored with a complex, velvety taste.

3252 FRENCH CABERNET SAUVIGNON Reg \$135.90 Sale \$101.93

Deep ruby red French classic with characteristic fruit intensity balanced by strong tannins.

### FRENCH WHITE

3239 FRENCH CHARDONNAY Reg \$125.90 Sale \$94.43

King of the whites. Rich and fruity with soft subtle nuances.

### GERMAN WHITE

3123 MULLER-THURGAU Reg \$127.90 Sale \$95.93

Crisp and clean, with a grapey fruit character and fragrant aroma.

### ITALIAN RED

3268 ITALIAN MONTEPULCIANO Reg \$137.90 Sale \$103.43

Smooth and mellow; rich, red wine with blackberry fruit flavors and spicy, peppery notes.

3262 ITALIAN SANGIOVESE Reg \$141.90 Sale \$106.43

A bright red cherry character overlaying strawberry notes with hints of violets and white pepper. It has medium body and a long, wonderfully smooth, tannic finish; livened by a zing of acidity and toasty oak and as always, a touch of the Tuscan earth.

### ITALIAN WHITE

3122 ITALIAN PINOT GRIGIO Reg \$135.90 Sale \$101.93

Fresh, fragrant and lively, its flavors include a certain flintiness with hints of citrus and almonds.

## Selection International Series Wine Kits (continued)

### NEW ZEALAND RED

3285 NEW ZEALAND PINOT NOIR Reg \$149.90 Sale \$112.43

New Zealand's finest. A delicate wine with aromas of violet and luscious red fruit characteristics of cherry, strawberry and raspberry. Silky tannins grip your palate and end with a velvet, smooth finish. An elusive aftertaste of spice and toasty vanilla makes you long for more.

### SOUTH AFRICAN RED

3280 SOUTH AFRICAN PINOTAGE Reg \$139.90 Sale \$104.93

This is a deep, ruby red wine. Its layered aromas of ripe raspberry, spices, red cherry and fruitcake give way to a rich complexity of flavors that include raspberry, vanilla, plum, coffee and a subtle hint of banana in the finish.

### SOUTH AFRICAN WHITE

3281 SOUTH AFRICAN CHENIN BLANC Reg \$129.90 Sale \$97.43

High natural acidity and fruity aromas meld with flavors of green apple, luscious tropical fruits and summer melon to produce a crisp, wellbalanced finish. Aging improves the floral and melon notes of this dry wine.

### SPANISH

3265 SPANISH RIOJA Reg \$134.90 Sale \$101.18

Spain's most famous red blend. Wines from this region tend toward the traditional Bordeaux style.

### GRAPE SKINS

3130 AUSTRALIAN PETIT VERDOT Reg \$165.90 Sale \$124.43

A dark, rich wine with wonderfully concentrated flavors of juicy blackberry and blackcurrant with smooth, gripping tannins and an elegant structure leading to a magnificent, boldly oaked finish. Oak - Medium-Heavy, Body - Medium-Full, Sweetness - 0, Alcohol by Volume - 13.0 - 13.5%

3131 SPANISH TEMPRANILLO Reg \$165.90 Sale \$124.43

Black cherry, raspberry, plum and tobacco notes of the varietal, with soft, ripe tannins rather than bright fruit. Vanilla and spice notes in the oak with a hint of dark coffee on the finish. Oak - Heavy, Body - Medium-Full, Sweetness - 0, Alcohol by Volume - 13.0 - 13.5%

3132 SICILIAN NERO d'AVOLA Reg \$165.90 Sale \$124.43

Deep garnet, shows ripe, berrylike fruit aromas lend complexity by hints of toast and smoke. Flavors of fresh blackberries, dark chocolate and anise. Oak - Medium-Heavy, Body - Medium-Full, Sweetness - 0, Alcohol by volume - 13.0 - 13.5%

3133 CHILEAN MALBEC SHIRAZ Reg \$165.90 Sale \$124.43

Balanced between ripeness and power, with rich Shiraz grapes for a bold ruby purple color, deep dark plum and blackberry aromas showing subtle accents of chocolate. Malbec brings plum, blackcurrant and violet aromas leading to a touch of leather notes. Oak - Medium, Body - Medium-Full, Sweetness - 0, Alcohol by volume - 13.0 - 13.5%

3134 ITALIAN AMARONE Reg \$165.90 Sale \$124.43

An intense, complex wine, with a wide array of flavors and aromas. This heavyweight exudes aromas of sour cherries, dark chocolate, stewed plums, dried fruits, anise, raisins, bitter almond, tobacco, leather and molasses, with a spicy-earthly bittersweet finish that goes on and on, from the huge volume of tannins.

## **Selection International Series Wine Kits (continued)**

### **GRAPE SKINS (continued)**

3135 ITALIAN BRUNELLO Reg \$165.90 Sale \$124.43

Bold, yet supple, the ultra-ripe cherry and currant-like fruit gives way to a hint of tar and cracked black pepper, cedar, whiffs of licorice, leather, plums and black cherries, followed by a richly tannic finish. Its firm backbone of acids and tannins make it work well with rich and spicy foods as well as hard cheeses such as Asiago and Pecorino Romano.

3136 ARGENTINE MALBEC Reg \$165.90 Sale \$124.43

A medium/full-bodied, dry red wine with firm acidity, rich tannins and generous alcohol levels. Ripe fruit flavors of plums, black cherry and blackberry, with smoke, earth, leather, wild game, tobacco and white/black pepper. Sweetness: Dry, Oak: Medium - Heavy, Body: Medium - Full

### **Eclipse Wine Kits: White**

3101 WASHINGTON COLUMBIA VALLEY RIESLING Reg \$185.90 Sale \$139.43

Crisp, delicate and fresh with floral aromas, brilliant acidity and vivid fruit flavors of peach and apricot. Sweetness: Off-Dry, Body: Medium, Oak Intensity: None

3102 SONOMA DRY CREEK CHARDONNAY Reg \$185.90 Sale \$139.43

Fruit shines through with citrus scents and tropical flavors in this fresh, well-balanced wine while its rich, round mouthfeel lingers to a long, crisp finish. Sweetness: Dry, Body: Medium-Full, Oak Intensity: None

3104 WASHINGTON YAKIMA VALLEY PINOT GRIS Reg \$185.90 Sale \$139.43

Crisp green apple and ripe honeydew melon command this fresh and fruity wine with a velvety finish. A versatile, food-friendly wine. Sweetness: Dry, Body: Medium, Oak Intensity: None

3110 GERMAN MOSEL VALLEY GEWURZTRAMINER Reg \$185.90 Sale \$139.43

A fusion of rich texture, robust aroma and exotic lychee flavor. Refreshing, with an intense and memorable finish. Sweetness: Off-Dry, Body: Medium, Oak Intensity: None

3113 NEW ZEALAND MARLBOROUGH SAUVIGNON BLANC Reg \$185.90 Sale \$139.43

Intensely aromatic, fragrant with grass and currant leaves, this fruit-forward wine casts long, robust flavors of zesty fruit with a crisp dry finish. Sweetness: Dry, Body: Medium, Oak Intensity: None

### **Eclipse Wine Kits: Red**

3106 LODI OLD VINES ZINFANDEL Reg \$197.90 Sale \$148.43

Premium French oak meets spice to create this bold, rich and exciting blend of zesty aromas and ripe berries playing on the tongue. Sweetness: Dry, Body: Full, Oak Intensity: Medium

3108 LODI RANCH 11 CABERNET SAUVIGNON Reg \$197.90 Sale \$148.43

Oak and tannins, pepper and spice combine to enhance trademark blackcurrant and cherry flavors. Rich fruit and complex structure dazzle from first aroma to long, refined finish. Sweetness: Dry, Body: Full, Oak Intensity: Heavy

3109 NAPA VALLEY STAG'S LEAP DISTRICT MERLOT Reg \$197.90 Sale \$148.43

Light warm oak accentuates a spicy aroma with a soft, supple and fruity palate of plums and red berries. Rich, round flavor provides an elegant lingering finish. Sweetness: Dry, Body: Full, Oak Intensity: Heavy

## **Eclipse Wine Kits: Red (continued)**

3111 SONOMA VALLEY PINOT NOIR Reg \$191.90 Sale \$143.90

A rich, silky wine that blends notes of truffle, toast and herbs with black cherry and raspberry flavors and a hint of black spice. Earthy, well-balanced, and very food-friendly. Sweetness: Dry, Body: Medium, Oak Intensity: Medium

3115 ITALIAN BAROLO Reg \$197.90 Sale \$148.43

A burly and assertive wine with dark cherry iridescence. Intense and robust with notes of strawberries, a hint of dark tar, and floral aroma complemented by rich, earthy truffles. Sweetness: Dry, Body: Full, Oak Intensity: Heavy

## **Selection Speciale Premium Wine Kits (3 Gallons)**

3271 PORT Reg \$93.90 Sale \$70.43

Rich, warm and generous in character, this full-bodied classic has been prepared to meet the demands of the discerning palate. 12 liters.

3272 RIESLING ICEWINE STYLE Reg \$109.90 Sale \$82.43

Prized as a unique sweet wine specialty, our Icewine will surprise you with its body and complexity. 12 liters.

3273 SHERRY Reg \$95.90 Sale \$71.93

This kit will allow you to make either a rich, smooth cream sherry or a well balanced dry sherry. 12 liters.

3291 CABERNET FRANC RED ICEWINE STYLE Reg \$107.90 Sale \$80.93

Intensely flavorful, sweet and rich with rose and salmon tints, this wine entices with irresistible aromas and flavors of ripe currants, notes of spice, honey, strawberry, tart rhubarb and cranberry. 12 liters.

## **ISLAND MIST - Approximate yield 24.2 gallons/92 liters - makes 120 bottles**

WS001 PEACH APRICOT CHARDONNAY Reg \$255.98 Sale \$179.19

WS002 EXOTIC FRUITS WHITE ZINFANDEL Reg \$255.98 Sale \$179.19

WS003 BLACK RASPBERRY MERLOT Reg \$255.98 Sale \$179.19

WS004 GREEN APPLE RIESLING Reg \$255.98 Sale \$179.19

WS005 WILDBERRY SHIRAZ Reg \$255.98 Sale \$179.19

WS006 STRAWBERRY WHITE MERLOT Reg \$255.98 Sale \$179.19

WS007 BLACKBERRY CABERNET Reg \$255.98 Sale \$179.19

WS010 KIWI PEAR SAUVIGNON BLANC Reg \$255.98 Sale \$179.19

WS011 BLUEBERRY PINOT NOIR Reg \$255.98 Sale \$179.19

WS012 WHITE CRANBERRY PINOT GRIS Reg \$255.98 Sale \$179.19

WS013 POMEGRANATE ZINFANDEL Reg \$255.98 Sale \$179.19

WS014 CRANBERRY MALBEC Reg \$255.98 Sale \$179.19

WS016 RASPBERRY DRAGONFRUIT SHIRAZ Reg \$255.98 Sale \$179.19

Ws017 PINEAPPLE PEAR PINOT GRIGIO Reg \$255.98 Sale \$179.19

## Island Mist Premium Fruit Flavored Wine Kits

HAR001 PEACH APRICOT CHARDONNAY Reg \$73.00 Sale \$54.75

Chardonnay quietly contributes a subtle dryness and perfectly balanced acidity, with hints of its own citrus and fruit flavors.

HAR002 EXOTIC FRUITS WHITE ZINFANDEL Reg \$73.00 Sale \$54.75

A fantastic pairing of White Zinfandel with a host of luscious fruits including blackberry, strawberry, passion fruit and black currant.

HAR003 BLACK RASPBERRY MERLOT Reg \$73.00 Sale \$54.75

The aroma and flavors of freshly-picked, ripe raspberries merge with the lush richness of berries and fruit that naturally burst from the Merlot grape.

HAR004 GREEN APPLE RIESLING Reg \$73.00 Sale \$54.75

Crisp, crunchy green apple flavor with a pleasant initial tartness, followed by a delicious juicy finish. A real thirst-quenching treat.

HAR005 WILDBERRY SHIRAZ Reg \$73.00 Sale \$54.75

A special combination of wild field berries is blended with the delicious, big red Shiraz to create a wonderfully fruity treat.

HAR006 STRAWBERRY WHITE MERLOT Reg \$73.00 Sale \$54.75

The medium pink White Merlot lays the groundwork and the natural strawberry flavor weaves in a pleasant sweetness for a wonderful and delicious sensation.

HAR007 BLACKBERRY CABERNET Reg \$73.00 Sale \$54.75

The natural combination of slight tart acidity with the pleasant sweetness that makes blackberries so appealing is the perfect complement to the robust and lively Cabernet backing.

HAR010 KIWI PEAR SAUVIGNON BLANC Reg \$73.00 Sale \$54.75

Crisply tart and delightfully fruity with a luscious combination of kiwi, pineapple and banana flavors with meld beautifully into rich pear aromas.

HAR011 BLUEBERRY PINOT NOIR Reg \$73.00 Sale \$54.75

The tangy, sweet burst of blueberry combines with the light-medium body and cherry-spice flavors of the Pinot Noir to bring an intense, yet not over-powering, fruit flavor to your palate.

HAR012 WHITE CRANBERRY PINOT GRIS Reg \$73.00 Sale \$54.75

A spectacular crystal white color which is the result of a special blend of white cranberry and Pinot Gris. Somewhat less tart than regular cranberry juice due to an earlier harvest than traditional red cranberries, White Cranberry Pinot Gris bursts with sweetness.

HAR013 POMEGRANATE ZINFANDEL Reg \$73.00 Sale \$54.75

The Pomegranate's earthy, rich juice balances with Zinfandel's slightly spicy, robust grapes creating a delicate slightly spicy sweetness that has a particular uniqueness on the first sip and leaves you wanting more.

HAR014 CRANBERRY MALBEC Reg \$73.00 Sale \$54.75

Exquisitely tart and refreshing, cranberries are the perfect foil for the rich power of Malbec's deep fruitiness. Combining the mouthwatering juiciness of North American cranberry with the plum, blackcurrant and sweet cherry of Argentinean Malbec makes a Mist that's both luscious and lush, and perfectly balanced for sweetness.

HAR015 STRAWBERRY LYCHEE TRAMINER Reg \$73.00 Sale \$54.75

Sweet and tangy lychee fruit complements the similarly exotic Gewurztraminer, while ripe strawberries add an interesting twist to the experience. Asian inspired dishes and Szechwan spiced foods will never be the same.

## **Island Mist Premium Fruit Flavored Wine Kits (continued)**

HAR016 RASPBERRY DRAGONFRUIT SHIRAZ Reg \$73.00 Sale \$54.75

This blush wine has been given some fire of excitement with the addition of sweet dragonfruit then gently splashed with tangy cool raspberries. Light the grill and sear some spicy shrimp skewers, or prepare some Thai green curry cuisine for a night of fire and flare.

HAR017 PINEAPPLE PEAR PINOT GRIGIO Reg \$73.00 Sale \$54.75

Juicy sweet pears, succulent, ripe pineapple, and a bright and flowery fragrance. Firm acidity from the Pinot Grigio gives it mouth watering juiciness and a refreshing finish.

HAR018 SANGRIA ZINFANDEL BLUSH Reg \$73.00 Sale \$54.75

A sweet and easy-drinking summertime wine, a medley of seasonal fruits. Scents of orange, lemon, and lime that will marry with cherries to create a sensational sipper that balances sweet and citrus flavors.

## **Vintner's Harvest Purees 49 oz tins**

3340 BLACKBERRY Reg \$25.98 Sale \$19.49

3342 BLUEBERRY Reg \$25.98 Sale \$19.49

3344 RASPBERRY Reg \$23.00 Sale \$17.25

3346 SWEET CHERRY (A blend of dark, sweet and tart cherries) Reg \$15.90 Sale \$11.93

3348 PEACH Reg \$19.00 Sale \$14.25

3350 APRICOT Reg \$22.50 Sale \$16.88

## **Vintner's Harvest Fruit Bases 96 oz tins**

3300 APPLE CONCENTRATE Reg \$47.90 Sale \$35.93

3302 APRICOT Reg \$39.50 Sale \$29.63

3330 BLACK CURRANT CONCENTRATE Reg \$43.90 Sale \$32.93

3304 BLACKBERRY Reg \$39.90 Sale \$29.93

3306 BLUEBERRY Reg \$47.50 Sale \$35.63

3308 BOYSENBERRY Reg \$54.70 Sale \$41.03

3310 CHERRY (Made with sweet cherries) Reg \$37.00 Sale \$27.75

3312 CRANBERRY Reg \$39.90 Sale \$29.93

3314 ELDERBERRY CONCENTRATE Reg \$44.50 Sale \$33.38

3316 GOOSEBERRY Reg \$45.00 Sale \$33.75

3334 KIWI Reg \$45.50 Sale \$34.13

3318 LOGANBERRY Reg \$49.00 Sale \$36.75

3320 MARIONBERRY Reg \$39.90 Sale \$29.93



## **Vintner's Harvest Purees 49 oz tins (continued)**

3322 PEACH Reg \$35.90 Sale \$26.93

3332 PEAR CONCENTRATE Reg \$45.90 Sale \$34.43

3324 PLUM Reg \$39.90 Sale \$29.93

3326 RASPBERRY Reg \$53.90 Sale \$40.43

3336 RHUBARB Reg \$37.50 Sale \$28.13

3328 STRAWBERRY Reg \$38.50 Sale \$28.88

## **VINLAND WINE RACKS**

3018 120 BOTTLE RACK - 12 x 10 (44½ x 10½ x 45) Reg \$131.95 Sale \$98.97

3020C 42 BOTTLE RACK - 7 x 6 (26 x 10½ x 27) Reg \$77.95 Sale \$58.47

3022C 30 BOTTLE RACK - 5 x 6 (19 x 10½ x 27) Reg \$69.95 Sale \$52.47

## **Barrel Treatments and Oak Additives**

BAROLKLEEN - 4 lb. Reg \$7.65 Sale \$5.74

6345C OAK CHIPS, FRENCH - Medium toast 10 lb bulk Reg \$97.90 Sale \$73.43

6340C OAK CHIPS - Light toast 10 lb bulk Reg \$33.00 Sale \$24.75

6346B Oak Essence 128 oz Reg \$135.00 Sale \$101.25

## **RACKING AND BOTTLING**

4000 SUPER AGATA BENCH CAPPER Self adjusting deluxe model. Reg \$57.38 Sale \$43.03

4004 AGATA BENCH CAPPER Push button mechanism for easy height adjustment. Reg \$48.09 Sale \$36.07

4040 ITALIAN FLOOR CORKER With brass crimping jaws. Fits Bellissima bottles Reg \$182.15 Sale \$136.60

4042 PORTUGUESE FLOOR CORKER With plastic crimping jaws. Does not fit Bellissima bottles. Reg \$80.44 Sale \$60.33

17421 CHAMPAGNE FLOOR CORKER Reg \$196.30 Sale \$147.20

Multi-function unit that is able to cork both champagne and straight corks, as well as cap a metal crown cap with optional crown cap adapter. Release lever must be against jaw housing when corking.

17530 ADAPTER FOR CROWN CAPS Reg \$30.38 Sale \$22.78

For use with Champagne Floor Corker to cap a metal crown cap.

Corks - 1000 count - Call for prices

Crown Caps - 70 Gross Bulk - Call for prices

4302 TI-TAPPO BENCH TOP CORKER AND WIRE FASTENER Reg \$292.39 Sale \$210.00

Corks champagne corks and automatically spins the wire retainers with a simple movement of the lever.

## **RACKING AND BOTTLING (continued)**

19000 FERRARI THERMOCAPSULER HORIZONTAL TYPE (110v) Reg \$301.39 Sale \$225.00  
Electric heat source for use with PVC shrink capsules. Adjusts to any size bottle.

4670 THREE PRONG DEGASSER (22 ½" tall, unpackaged) Reg \$49.39 Sale \$37.04

4666 THE STAINLESS STEEL MIX-STIR Reg \$38.15 Sale \$28.60

4810 ECONOMY 45 BOTTLE DRAINER TREE (Compact, 18" tall) Reg \$20.85 Sale \$15.64

4812 45 BOTTLE DRAINER TREE Reg \$33.19 Sale \$24.89

4814 90 BOTTLE DRAINER TREE Reg \$47.15 Sale \$35.35

4816 90 BOTTLE DRAINER TREE (Innovative, rotates for easy bottle access) Reg \$51.19 Sale \$38.39

4818 BOTTLE RINSER (Vinator, Italian) Reg \$21.95 sale \$16.47

4887 BUON VINO SUPER AUTOMATIC BOTTLE FILLER Reg \$42.19 Sale \$31.64  
This filler is easily primed, self-leveling and automatically shuts off preventing overflows.

4890 TABLE TOP FILLJET Reg \$519.95 Sale \$389.00  
Has all the great features of the floor model, including a cascading flow system that can fill a 750 ml bottle in only 17 seconds, in a more convenient and compact table design.

5259 SUPER TRANSFER PUMP W/ PREFILTER (With ½" ID and 5/8" OD hose) Reg \$237.95 Sale \$178.00

5258 PREFILTER FOR VIN-PRO PUMP Reg \$41.50 Sale \$31.13

8180 #25 PUMP (110V) BRONZE Reg \$319.95 Sale \$239.00

8187 HOSE FOR #25 PUMP (10 ft length) Reg \$25.00 Sale \$18.75

## **BEER AND WINE BOTTLES**

5222 22 OZ AMBER BEER BOTTLES Case/12 \$16.50 Sale \$12.38

5224 12 OZ AMBER BEER BOTTLES Case/24 \$16.00 Sale \$12.00

5208 500 ml P.E.T. AMBER BEER BOTTLES Case/24 \$27.20 Sale \$20.40

5226 16 OZ AMBER E Z CAP BOTTLES Case/12 \$38.15 Sale \$28.60

5243 16 OZ CLEAR E Z CAP BOTTLES Case/12 \$38.15 Sale \$28.60

5185 16 OZ COBALT BLUE E Z CAP BOTTLES Case/12 \$43.88 Sale \$32.90

5227 1 LITER AMBER E Z CAP BOTTLES Case/12 \$51.60 Sale \$38.70

5225 1 LITER CLEAR E Z CAP BOTTLES Case/12 \$51.60 Sale \$38.70

5186 1 LITER COBALT BLUE E Z CAP BOTTLES Case/12 \$65.00 Sale \$48.85

5210 WINE ON TAP Reg \$29.00 Sale \$21.85

Alternative to bottling. Perfect solution for those who want to take wine to a gathering but don't want the hassle of carting around bottles. Plastic dispenser holds up to nine bottles or 1.8 gallons of wine.

## **BEER AND WINE BOTTLES (continued)**

- 5218 187 ml CLEAR CHAMPAGNE BOTTLES Cork or crown finish. Case/24 \$30.59 Sale \$22.93
- 5194 375 ml DARK GREEN SEMI-BORDEAUX MID-PUNT BOTTLES Case/24 \$38.00 Sale \$28.50
- 5197 375 ml ICEWINE ANTIQUE GREEN BOTTLES Cork finish. Case/12 \$39.95 Sale \$29.95
- 5214 375 ml CLEAR BELLISSIMA BOTTLES Cork finish. Case/12 \$31.39 Sale \$23.55
- 5215 375 ml ANTIQUE GREEN BELLISSIMA BOTTLES Cork finish. Case/12 \$33.65 Sale \$25.23
- 5216 375 ml CLEAR RENANA BOTTLES Cork finish. Case/24 \$44.44 Sale \$33.33
- 5196 CLEAR 375 ml MID-PUNT SEMI-BORDEAUX BOTTLES Cork finish. Case/24 \$38.00 Sale \$28.50
- 5244 375 ml COBALT BLUE STETCH HOCK BOTTLES Cork finish. Case/12 \$23.00 Sale \$17.25
- 5201 750 ml BORDEAUX 5TH RED BOTTLES Cork finish. Case/12 \$35.98 Sale \$26.98
- 5228 750 ml CHAMPAGNE GREEN SEMI-PUNT BURGUNDY BOTTLES Case/12 \$21.95 Sale \$16.45  
Cork finish.
- 5230 750 ml GREEN OPTIMA BORDEAUX FLAT BOTTOM BOTTLES Case/12 \$16.00 Sale \$12.00  
Cork finish. Environmentally friendly, advanced lightweight glass technology delivers outstanding performance with less materials.
- 5231 750 ml CLEAR OPTIMA BORDEAUX FLAT BOTTOM BOTTLES Case/12 \$16.00 Sale \$12.00  
Cork finish. Environmentally friendly, advanced lightweight glass technology delivers outstanding performance with less materials.
- 5234 750 ml CLEAR BORDEAUX BOTTLES Case/12 \$19.69 Sale \$14.77
- 5239 750 ml GREEN CLARET BOTTLES Screw finish. Case/12 \$18.45 Sale \$13.80
- 5240 750 ml COBALT BLUE CLARET/BORDEAUX BOTTLES Cork finish. Case/12 \$21.95 Sale \$16.45
- 5247 750 ml PUNTED DEAD LEAF GREEN BURGUNDY BOTTLES Case/12 \$22.70 Sale \$17.03  
Cork finish. Perfect for Chardonnays.
- 5233 750 ml CLASSIC COBALT BLUE HOCK BOTTLES Cork finish. Case/12 \$25.65 Sale \$19.22
- 5236 750 ml CALIFORNIA AMBER HOCK BOTTLES Cork finish. Case/12 \$19.69 Sale \$14.77
- 5238 750 ml VINEYARD GREEN CHAMPAGNE BOTTLES Cork finish. Case/12 \$24.65 Sale \$18.49
- 5253 750 ml BORDEAUX FROSTED BOTTLES Cork finish. Case/12 \$27.56 Sale \$20.67
- 5235 1.5 L DEAD LEAF GREEN BURGUNDY BOTTLES Cork finish. Case/6 \$23.06 Sale \$17.30
- 5237 1.5 L GREEN CLARET/BORDEAUX BOTTLES Cork finish. Case/6 \$19.13 Sale \$14.35

## **Beer Accessories**

- 5006 BREWER'S BEST® IMMERSION WORT CHILLER Reg \$103.00 Sale \$77.25  
Copper Wort Chiller with hose fittings, 20 ft. long.

## Beer Accessories (continued)

1553A DRUM TAP (2" diameter, heavy duty cast iron) Reg \$135.95 Sale \$101.90

4990 CO2 CORNELIUS KEG CHARGER Each \$30.39 Sale \$22.78

Portable CO2 charger that eliminates the need for costly CO2 tanks and hoses. Pressurizes any 3 or 5 gallon corny keg. Works on either ball-lock or pin-lock fittings. Packaged on hang card with two 16 gram CO2 cartridges.

4991 16 GRAM CO2 CORNELIUS KEG CHARGER REFILL 6/pack Reg \$13.95 Sale \$10.46

5004 DIGITAL REFRIGERATOR THERMOSTAT Reg \$131.98 Sale \$98.98

Converts any freezer into a kegerator or lager box.

5005 REFRIGERATOR THERMOSTAT Reg \$90.50 Sale \$67.88

Easy to install to household refrigerators. Allows an adjustment range of 30° to 80° F.

5010 BREWER'S EDGE KETTLEVALVE™ 3/8" Reg \$23.60 Sale \$17.69

Add a leak-free valve to any brewing pot without welding. Patent-pending unique design features an O ring containment groove, and inside threads attach the companion Brewer's Edge KettleScreen™.

5011 BREWER'S EDGE KETTLESCREEN™ 1/2" Reg \$19.10 Sale \$14.33

This companion product to the KettleValve™ screws inside the KettleValve™ to turn any pot into a mash tun or to filter out hops. All stainless steel construction, with a threaded 1/2" NPT male inlet to fit Polar Ware™ and other valves. Mesh size 16.

5012 BREWER'S EDGE KETTLESCREEN™ 3/8", MESH SIZE 16 Reg \$16.88 Sale \$12.66

This companion product to the KettleValve™ screws inside the KettleValve™ to turn any pot into a mash tun or to filter out hops. All stainless steel construction, with a threaded 3/8" NPT male inlet to attach to the inner threads of the KettleValve™.

5018 KITCHEN SCALE Reg \$15.19 Sale \$11.39

11 lb capacity. Constructed of durable plastic, features measurement in pounds and kilograms, an adjustable zero point, removable bowl that is dishwasher safe and easy to read. Perfect for weighing hops and grains.

5044 VICTORIA MILL WITH HIGH HOPPER Reg \$69.00 Sale \$52.20

Polished cast iron with a hand crank. Can be clamped or bolted to a tabletop.

## Brew Pots

5016 20 QUART STAINLESS STEEL BOILING POT WITH LID Reg \$39.95 Sale \$29.97

5015 30 QUART STAINLESS STEEL BOILING POT WITH LID Reg \$85.95 Sale \$64.40

5017 42 QUART STAINLESS STEEL BOILING POT WITH LID Reg \$95.95 Sale \$71.90

## Fermenters

5111 2 GALLON FERMENTING BUCKET Reg \$6.19 Sale \$4.64

5113 LID FOR 2 GALLON FERMENTING BUCKET Reg \$3.15 Sale \$2.36

5113A UNDRILLED LID FOR 2 GALLON FERMENTING BUCKET Reg \$2.39 Sale \$1.79

5100 6.5 GALLON BOTTLING BUCKET Reg \$14.10 Sale \$10.58

Pre-drilled with 1" hole for use with bottling spigot sold separately. Printed with "Ale Pail" design, gallon markings and child safety warning.

## **Fermenters (continued)**

5104 6.5 GALLON FERMENTING BUCKET Reg \$14.10 Sale \$10.58

With bail handle. Printed with "Ale Pail" design, gallon markings and child safety warning.

5106 LID FOR 6.5 GALLON BOTTLING BUCKET AND FERMENTER Reg \$3.29 Sale \$2.47

Drilled and grommeted for use with airlock.

5106A UNDRILLED LID FOR 5 AND 6.5 GALLON BUCKET Reg \$2.85 Sale \$2.14

5115 7.9 GALLON FERMENTING BUCKET Reg \$20.25 Sale \$15.19

With bail handle. Deluxe primary beer and wine fermenter printed with a beer stein and wine glass design in burgundy, green and yellow with child safety warning and gallon markings in black. Printed in English and French.

5116 7.9 GALLON BOTTLING BUCKET Reg \$20.25 Sale \$15.19

Pre-drilled with 1" hole for use with bottling spigot sold separately. Printed with beer stein and wine glass design in burgundy, green and yellow with child safety warning and gallon markings in black. Printed in English and French.

5117 LID FOR 7.9 GALLON BOTTLING BUCKET AND FERMENTER Reg \$8.89 Sale \$6.67

Gasketed lid; drilled and grommeted for use with airlock. Soft cover makes it easy to apply and remove lid.

5108A GROMMET Bag/25 Reg \$13.00 Sale \$9.75

Replacement for 6.5 and 7.9 gallon bucket lids.

4882 ITALIAN BOTTLING SPIGOT Reg \$3.75 Sale \$2.80

For use with 6.5 and 7.9 gallon bottling buckets. Comes with 2 gaskets and tapered nozzle, will accommodate both 5/16" and 3/8" siphon hose.

4885 EASY ON/OFF SPIGOT WITH LOCK Reg \$6.09 Sale \$4.57

Fits a 1" drilled hole, comes with a thick gasket & will accommodate 1/2" siphon hose. Features a locking handle to allow user hands-free operation.

5120 10 GALLON PRIMARY FERMENTER AND LID Each \$37.95 Sale \$28.45

Value priced set! Made from food grade plastic, it's the perfect size for making fruit wines and fresh grape wines that vigorously ferment. Bucket is 21" tall x 14" wide.

5125 20 GALLON PRIMARY FERMENTER AND LID Each \$55.95 Sale \$41.95

## **Carboys and Containers**

5154 3 GALLON GLASS CARBOY Reg \$33.65 Sale \$25.25

5156 5 GALLON GLASS CARBOY Reg \$44.95 Sale \$33.75

5158 6 GALLON GLASS CARBOY Reg \$53.75 Sale \$40.30

5159 6.5 GALLON GLASS CARBOY Reg \$57.35 Sale \$43.00

BB01 BETTER BOTTLE™ PLAIN 3 GALLON Case/2 \$54.00 Sale \$40.50

BB02 BETTER BOTTLE™ PORTED 3 GALLON Case/2 \$57.39 Sale \$43.00

BB03 BETTER BOTTLE™ PLAIN 5 GALLON Reg \$29.80 Sale \$22.35

BB04 BETTER BOTTLE™ PORTED 5 GALLON Reg \$32.00 Sale \$24.00

## **Carboys and Containers (continued)**

BB05 BETTER BOTTLE™ PLAIN 6 GALLON Reg \$32.00 Sale \$24.00

BB06 BETTER BOTTLE™ PORTED 6 GALLON Reg \$34.00 Sale \$25.50

BB08 UNIVERSAL PET CLOSURE Reg \$26.69 Sale \$21.50

BB21 SIMPLEFLO VALVE FOR BETTER BOTTLE™ Reg \$20.00 Sale \$15.00

BB22 CARBOY RACKING ADAPTER FOR BETTER BOTTLE™ Reg \$39.95 Sale \$29.95

BB23 PAIL RACKING ADAPTER FOR BETTER BOTTLE™ BB-ADAPT Reg \$20.80 Sale \$15.60

BB24 BIG BLOW PET CLOSURE FOR BETTER BOTTLE™ BB-CLZ Reg \$26.45 Sale \$19.80

BB33 WIDE MOUTH FUNNEL FOR BETTER BOTTLE™ Reg \$32.60 Sale \$24.45

5008 BREWER'S BEST®/VINTNER'S BEST® BREWING BELT Reg \$37.00 Sale \$27.80

Maintains a constant brewing temperature of 68-75° F for up to 8 days. Comes with two spring sizes to fit most fermenters.

5180 THE CARBOY CLEANER Reg \$39.39 Sale \$29.50

Made of a 100% non-woven viscose material. Super absorbent, lint free, strong, yet soft enough that it will not scratch any fine surface.

5180A REPLACEMENT PADS FOR THE CARBOY CLEANER (2 pads, 4 washers) Reg \$16.30 Sale \$12.20

5182 THE KEG CLEANER Reg \$39.39 Sale \$29.50

Made of a 100% non-woven viscose material. Super absorbent, lint free, strong, yet soft enough that it will not scratch any fine surface. Note: dip tube must be removed prior to use.

5182A REPLACEMENT PADS FOR THE KEG CLEANER (2 pads, 4 washers) Reg \$16.30 Sale \$12.20

## **Filters**

5283 THE CARBONSNAKE™ CARBON PURIFICATION FILTER Reg \$28.69 Sale \$21.50

5260 BUON VINO SUPERJET FILTER Reg \$579.95 Sale \$405.93

Ideal for clarifying wine, giving it the brilliance and sparkle that previously was only achieved in commercial wines. Wine is drawn by means of a self-prime pump into the plastic filtering plates which house the filter pads. The specially designed grooves in the plastic filtering plates direct the wine through the filter pad, allowing the unit to achieve optimum filtering capability.

5270 BUON VINO MINIJET FILTER (MOTORIZED) Reg \$275.90 Sale \$193.25

Designed with the small quantity wine maker in mind. Compact enough to filter anywhere. Built in pump and motor, operates on 3 filter pads. Incorporated drip tray and drainage tube for convenience. Wine is always crystal clear!

8190 MARCHISIO 10 PAD FILTER WITH PUMP Reg \$2190.00 Sale \$1500.00

5278 VINTAGE SHOP FILTER AND BOTTLING SYSTEM - COMPLETE Reg \$119.95 Sale \$89.96

Vinamat alternative. 3 gallon tank capacity, filter pads sold separately.

5280 WINE/BEER PLATE FILTER Reg \$59.00 Sale \$44.25

With all hoses. Filter plate has slots instead of holes for screws to allow easy insertion of pads. The center ring gasket provides leak proof seal.

## Filters (continued)

5292 VINBRITE MARK III FILTER Reg \$47.95 Sale \$35.95  
Gravity fed, comes with one set of crystalbrite pads.

## Thermometers and Instruments

5423 BIG DADDY DIAL THERMOMETER Reg \$14.10 Sale \$10.55  
Dial face with easy to read numbers. 12" long probe makes it easy to take temperature reading. Individually boxed, range 0°-220° F.

5457 DIGITAL THERMOMETER WITH PROBE Reg \$39.00 Sale \$29.25  
Hand held; temperature range -58-+392° F, -50-200° C.

5458 PRO-MODEL THERMOHYDROMETER Reg \$31.95 Sale \$23.95  
Includes large test jar with a screw off base. Use to measure specific gravity with precision and accuracy.

5460 ALLA MEAD HYDROMETER Reg \$18.99 Sale \$14.25  
The hydrometer is bi-colored for easy reading, has a fiduciary mark to show any displacement of the scale, and each hydrometer is individually numbered for professional calibration. Range : 1.000 - 1.160 g/ml; 0 - 21 Potential % Volume: 0 - 50 Honey Kg/hl; Temperature of calibration: 20°C; Maximum error : 0.5%

5461 ALLA CIDER HYDROMETER Reg \$21.99 Sale \$16.50  
The hydrometer is bi-colored for easy reading, has a fiduciary mark to show any displacement of the scale, and each hydrometer is individually numbered for professional calibration. Range: 1.000 - 1.300 g/ml; 0 - 13 Potential % Volume; Temperature of calibration: 20°C; Maximum error: +/- 0.001 g/ml

5462 ALLA WATERPROOF POCKET DIGITAL THERMOMETER W/ PROBE Reg \$23.99 Sale \$17.99  
-58 +392° F; Resolution: 0.1°; Accuracy: +/- 2°F (-4+302°F); Max/Min Function; Stainless steel piercing probe

5464 ALLA PRECISION WINE HYDROMETER RANGE (1.000-1.030) Reg \$32.99 Sale \$24.75  
Range: 1.000 - 1.030 g/ml; Division: 0.0002 g/ml; Temperature of calibration: 20°C; Maximum error: +/- 0.0004 g/ml

5465 ALLA PRECISION WINE HYDROMETER RANGE (1.030-1.060) Reg \$32.99 Sale \$24.75  
Range: 1.030 - 1.060 g/ml; Division: 0.0002 g/ml; Temperature of calibration: 20°C; Maximum error: +/- 0.0004 g/ml

5466 ALLA PRECISION WINE HYDROMETER (1.060 - 1.090) Reg \$32.99 Sale \$24.75  
Range: 1.060 - 1.090 g/ml; Division: 0.0002 g/ml; Temperature of calibration: 20°C; Maximum error: +/- 0.0004 g/ml

5469 ALLA ELECTRIC EBULLIOMETER (110V) Reg \$1399.00 Sale \$979.00

## Presses and Crushers

5509 ALUMINUM/STAINLESS STEEL FRUIT PRESS Reg \$267.95 Sale \$200.00  
(20 x 17 cm)

8061 #20 STAINLESS STEEL FRUIT PRESS WITH STAND Reg \$379.00 Sale \$284.00  
45 x 45 x 70 cm stainless steel basket holds 9.5 liters.

5517 FRUIT PRESS #25 RATCHET STYLE Reg \$399.00 Sale \$299.00  
10" x 14"; 50 lb capacity.

5517B RATCHET HANDLE FOR FRUIT PRESS #25 Reg \$17.99 Sale \$13.50

## Presses and Crushers (continued)

5512 FRUIT PRESS #30 RATCHET STYLE Reg \$559.00 Sale \$391.00  
10" x 14"; 50 lb capacity.

5512B RATCHET HANDLE FOR FRUIT PRESS #30 Reg \$29.00 Sale \$21.75

5513 FRUIT PRESS #35 RATCHET STYLE Reg \$619.00 Sale \$433.00  
14" x 18"; 100 lb capacity.

5514 FRUIT PRESS #40 RATCHET STYLE Reg \$738.00 Sale \$516.00  
16" x 22"; 150 lb capacity.

5515 FRUIT PRESS #45 RATCHET STYLE Reg \$929.00 Sale \$650.00  
18" x 24"; 200 lb capacity.

5524 GREEN SLEEVE FOR INSIDE 40L BLADDER PRESS Each \$36.50

5519 80L BLADDER (WATER) PRESS (Special order only) Reg \$2250.00 Sale \$1500.00

8046 MANUAL FRUIT CRUSHER - WOODEN Reg \$319.00 Sale \$239.00

A small, one-person crusher. Made of select hardwood, aluminum rollers and stainless steel shafts which make it almost indestructible. Specially made gears and pulverizers make quick work of apples, pears, and other hard fruit. This crusher also does an excellent job on grapes and other types of berries. Comes with a hand crank. No assembly required. Approximate hopper capacity when full: 10 lb; overall dimensions: 16.5" x 11" x 8.5" high; weight: 13 lb; shaft diameter: 1/2" (Nut 1/2"-13)

8053 MANUAL GRAPE CRUSHER Reg \$309.00 Sale \$231.00  
Painted steel hopper is 500 mm x 750 mm with paddle style auger.

8075 STAINLESS STEEL MANUAL CRUSHER WITH WHEEL Reg \$455.00 Sale \$340.00  
Hopper is 500mm x 750mm.

8054 MANUAL CRUSHER/DE-STEMMER Reg \$619.00 Sale \$435.00  
Painted steel hopper is 500 mm x 900 mm with paddle style auger

8058 PAINTED STAND FOR CRUSHER/DE-STEMMER Reg \$278.00 Sale \$194.00  
Fits all crusher/de-stemmers.

8120 PRESSURE DISCS FOR #25 PRESS Set/2 \$35.95 Sale \$25.50

8121 PRESSURE DISCS FOR #30 PRESS Set/2 \$39.95 Sale \$28.50

8122 PRESSURE DISCS FOR #35 PRESS Set/2 \$43.95 Sale \$30.95

8123 PRESSURE DISCS FOR #40 PRESS Set/2 \$44.50 Sale \$31.50

8130 PRESSURE BLOCKS FOR #25 PRESS Set/4 \$21.95 Sale \$15.50

8131 PRESSURE BLOCKS FOR #30 PRESS Set/4 \$25.95 Sale \$18.50

8132 PRESSURE BLOCKS FOR #35 PRESS Set/4 \$28.50 Sale \$19.95

8133 PRESSURE BLOCKS FOR #40 PRESS Set/4 \$41.95 Sale \$29.50

8137 PINS FOR #40 PRESS THAT HOLD THE BASKET TOGETHER Reg \$27.95 Sale \$19.50



## Presses and Crushers (continued)

8140 PAWLS TO FIT #25 OR #30 PRESSES Set/2 \$11.00 Sale \$7.75

8142 PAWLS TO FIT #35, #40 or #45 PRESSES Set/2 \$13.95 Sale \$9.85

## Stainless Steel Tanks

8042 100 LITER TANK WITH VARIABLE CAPACITY LID Reg \$458.00 Sale \$325.00  
500 mm x 600 mm. 26.42 gallons.

8067 STAINLESS STEEL SUPPORT STAND / TANKS #8042, #8045 AND #8051 Reg \$161.95 Sale \$113.50

8051 100 LITER VARIABLE CAPACITY TANK COMPLETE Reg \$458.00 Sale \$325.00  
Tank comes with 1/2" chrome ball valve and is 400 mm in diameter and 1000 mm high. 26.42 gallons.

5537 BALL VALVE FOR 30, 50, 100 AND 200 LITER TANKS, 3/4" NPT Reg \$19.95 Sale \$14.00

8045 200 LITER VARIABLE CAPACITY TANK COMPLETE 52.83 gallons Reg \$598.00 Sale \$419.00

8052 300 LITER VARIABLE CAPACITY TANK COMPLETE Reg \$778.00 Sale \$545.00  
Tank comes with 3/4" chrome ball valve and is 650 mm in diameter and 1000 mm high. 79.25 gallons.  
Stainless steel.

5545 CHROME BALL VALVE FOR 300L TANK Reg \$22.50 Sale \$15.75

8066 STAINLESS STEEL SUPPORT STAND FOR TANK #8052 Reg \$199.95 Sale \$140.00

5540 PLASTIC AIRLOCK FOR VARIABLE CAPACITY LID Reg \$19.95 Sale \$14.00

## Test Equipment

5411 STAINLESS STEEL BASTER WITH BLACK RUBBER BULB Reg \$11.15 Sale \$8.35  
18" long, tube is 7/8" at maximum diameter.

5412 TITRETS (SULFITE TEST KIT) Reg \$23.00 Sale \$17.25  
Range 10-100 mg/l, 10 tests/box.

5413 TITRETTOR Reg \$9.19 Sale \$6.90

5422 REFRACTOMETER (Sugar 0-32% Brix) Reg \$87.95 Sale \$66.00

5434 1000 ML ERLLENMEYER FLASK Reg \$16.89 Sale \$12.65

5435 2000 ML ERLLENMEYER FLASK Reg \$25.30 Sale \$18.98

5436 CHECKER 1 ECONOMICAL pH TESTER Reg \$65.50 Sale \$49.15  
Simple meter that provides fast and accurate pH measurement. Uses replaceable pH electrode and works for 3,000 hours before changing batteries.

5440 pH METER BUFFER SOLUTION FOR pH 7.01 (20 ml) Reg \$1.99 Sale \$1.50

5441 pH METER BUFFER SOLUTION FOR pH 4.01 (20 ml) Reg \$1.99 Sale \$1.50

5443 ELECTRODE CLEANING SOLUTION FOR pH METERS (230 ml) Reg \$23.00 Sale \$17.25

5444 STORAGE SOLUTION FOR pH METERS (230 ml) Reg \$21.00 Sale \$15.75

## **Cleaners and Sterilizers**

6000B BAROLKLEEN 4 lb \$7.65 Sale \$5.74

6004A SODIUM CAMPDEN TABLETS 1 lb \$17.50 Sale \$13.15

6007 POTASSIUM CAMPDEN TABLETS 1 lb \$20.19 Sale \$15.15

6010C SODIUM METABISULFITE 1 lb \$3.05 Sale \$2.28

6010D SODIUM METABISULFITE 10 lb bulk \$21.90 Sale \$16.45

6010E SODIUM METABISULFITE 50 lb bulk \$85.00 Sale \$63.00

6012B POTASSIUM METABISULFITE 1 lb \$5.65 Sale \$4.22

6012C POTASSIUM METABISULFITE 10 lb bulk \$49.00 Sale \$37.00

6012D POTASSIUM METABISULFITE 55 lb bulk \$254.00 Sale \$190.00

6014B STRAIGHT-A PREMIUM CLEANSER 5 lb \$38.00 Sale \$28.50

6015B EASY ALKALINE® 5 lb \$20.15 Sale \$15.10

6016B ONE STEP CLEANSER 5 lb bucket \$36.00 Sale \$27.00

6016C ONE STEP CLEANSER 50 lb bucket \$229.00 Sale \$171.75

6019B EASY CLEAN 5 lb pail \$18.30 Sale \$13.75

6019C EASY CLEAN 50 lb bucket \$156.00 Sale \$117.00

6018A IO-STAR Liter (32 oz) \$21.30 Sale \$16.00

6018C IO-STAR 16 oz \$14.09 Sale \$10.55

6020 HOMEBREW CLEANING KIT Each \$28.65 Sale \$21.50

Contains an informative cleaning guide, a quick reference cleaning card, nine 2 oz packs of PBW and an 8 oz bottle of Star San. Enough for 8 brews.

6022A STAR SAN SANITIZER 32 oz bottle \$27.55 Sale \$20.65

6024A PBW - POWDERED BREWERY WASH 1 lb pk \$11.39 Sale \$8.50

6024C PBW - POWDERED BREWERY WASH 4 lb pk \$34.85 Sale \$26.00

FS002 PBW - POWDERED BREWERY WASH 50 lb pk \$259.00 Sale \$194.00

## **Beer Additives**

6102B BURTON WATER SALTS 1 lb \$13.35 Sale \$10.00

6103B CALCIUM CHLORIDE 1 lb \$5.35 Sale \$4.00

6117 5.2 pH STABILIZER 1 lb jar \$16.30 Sale \$12.20

## **Beer Additives (continued)**

6104B GELATIN FININGS 1 lb \$14.19 Sale \$10.69

6106B GYPSUM 1 lb \$1.95 Sale \$1.47

6109B IRISH MOSS 1 lb \$14.00 Sale \$10.50

6109C IRISH MOSS 44 lb bag \$465.95 Sale \$326.00

1995B MALTODEXTRIN 1 lb \$2.90 Sale \$2.18

1995 MALTODEXTRIN 50 lb bag \$75.00 Sale \$56.00

6107B WHIRLFLOC TABLETS (One pound equals approximately 214 tablets) 1 lb \$24.59 Sale \$18.45

## **Wine Additives**

6120C ACID BLEND 1 lb \$6.19 Sale \$4.65

6120D ACID BLEND 10 lb bulk \$53.79 Sale \$40.39

6120E ACID BLEND 50 lb bulk \$225.95 Sale \$169.00

6130B ASCORBIC ACID 1 lb \$38.79 Sale \$29.00

6150B BENTONITE 1 lb \$1.59 Sale \$1.19

6150D BENTONITE 50 lb bulk \$55.60 Sale \$41.70

6160A CALCIUM CARBONATE 1 lb \$3.35 Sale \$2.53

6170B CITRIC ACID 1 lb \$5.05 Sale \$3.79

6170C CITRIC ACID 10 lb bulk \$38.50 Sale \$28.88

6170D CITRIC ACID 55 lb bulk \$195.00 Sale \$146.00

6104B GELATIN FININGS 1 lb \$14.80 Sale \$11.10

6104C GELATIN FININGS 10 lb bulk \$121.95 Sale \$91.40

6375 GLOBAL VINTNERS WINE CONDITIONER 500 ml \$8.89 Sale \$6.66  
Sweetener with stabilizer; add to taste, 1-4 oz per gallon.

6376 GLOBAL VINTNERS WHITE GRAPE CONCENTRATE 1 liter \$19.65 Sale \$14.75  
This concentrate can be added to wine to increase color, flavor, and sweetness and does not contain any stabilizers. The concentration is three times regular juice and the Brix is 68.

6377 GLOBAL VINTNERS RED GRAPE CONCENTRATE 1 liter \$26.89 Sale \$20.15  
This concentrate can be added to wine to increase color, flavor, and sweetness and does not contain any stabilizers. The concentration is three times regular juice and the Brix is 68.

6200B GLYCERINE USP 1 gal bulk \$54.00 Sale \$40.50

## Wine Additives (continued)

6381 ISINGLASS (From Winexpert) 45 ml Case of 12 Reg \$11.85 Sale \$8.89

Made from fish swim bladders and used to clear white wines. Sufficient for six gallons. Add to wine, thoroughly stir and rack after two weeks.

6388 CHITOSAN (From Winexpert), case of 12 150 ml \$21.29 Sale \$15.97

6383A LQ CHITOSAN 1% 1 liter \$20.59 Sale \$15.44

6383B LQ KIESELSOL 30% 1 liter \$26.89 Sale \$20.15

6320B MALIC ACID 1 lb \$5.79 Sale \$4.35

6320D MALIC ACID 50 lb bulk \$211.95 Sale \$149.00

6340B OAK CHIPS - Light toast 1 lb \$4.59 Sale \$3.49

6340C OAK CHIPS - Light toast 10 lb bulk \$37.00 Sale \$27.50

6340D OAK CHIPS - Light toast 40 lb bulk \$119.95 Sale \$84.00

6345B OAK CHIPS, FRENCH - Medium toast 1 lb \$11.89 Sale \$8.90

6345C OAK CHIPS, FRENCH - Medium toast 10 lb bulk \$109.00 Sale \$77.00

6345D OAK CHIPS, FRENCH - Medium toast 40 lb bulk \$349.95 Sale \$244.00

6334 VINOFORM OAK CHIPS "SHERRY OLOROSO" 250 grams \$19.00 Sale \$14.25

6336 VINOFORM OAK CHIPS "WHISKY" 250 grams \$19.00 Sale \$14.25

6346B OAK ESSENCE 128 oz \$135.00 Sale \$94.50

6382A PECTIC DRY 1 lb \$9.79 Sale \$7.34

6359B POTASSIUM BICARBONATE 1 lb \$7.59 Sale \$5.70

6355B POTASSIUM SORBATE 1 lb \$16.50 Sale \$12.40

6355C POTASSIUM SORBATE 10 lb bulk \$133.00 Sale \$93.10

6357B SPARKOLLOID™ POWDER 1 lb \$17.50 Sale \$13.09

6300B WINE TANNIN POWDER 1 lb \$12.29 Sale \$9.25

6360B TARTARIC ACID 1 lb \$13.45 Sale \$10.10

6360D TARTARIC ACID 55 lb bulk \$558.00 Sale \$390.00

6365B YEAST ENERGIZER 1 lb \$15.59 Sale \$11.69

6368C YEAST NUTRIENT 1 lb \$2.69

6368D YEAST NUTRIENT 10 lb bulk \$51.00 Sale \$38.50

6368E YEAST NUTRIENT 50 lb bulk \$221.95 Sale \$155.00