Information about our

Yeasts



BROWFORM	
BROWFORM®	

Blanche

Top-fermenting brewer's yeast, Saccharmyces cerevisiae, selected for its formation of typical wheat beer aromas.

Blanche

	Temperature °C
1	.8-24

Taste profile	Beer types	Recommended dosage	Packaging
Phenols, Spiced, Clove	Blonde, Saison, Wheat beer, Weizen	PROF 4 g/hl °P	12g, 100g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and The duration and conditions of storage as well as packagi packaging, and has been kept refrigerated at your distribu	www.brouwland.com		

Brewferm Lager		DREWIERM	 Lager A sturdy lager yeast, delivering a consistent neutral fermentation with little or no sulphur components or other undesirable by-products.
Physical state Typ)e		
Dry	ttom fermentati- yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
High	Medium	12-15	81 -

Taste profile	Beer types	Recommended dosage	Packaging
Fruity, Floral	Altbier, Bock, Kölsch, Lager, Pils	PROF 8 g/hl ° P	12g, 100g, 500g
		HOBBY 2g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are in The duration and conditions of storage as well as packaging ca packaging, and has been kept refrigerated at your distributor.	www.brouwland.com		

Brewferm Top		DREWKERM	 Top Top fermenting yeast that most suit red and dark beers. Fast fermenta sugar. Formation of fruity esters. F high. Final gravity: low 	tion with low residual
Drv	pe p fermentation ast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alo	c. tolerance vol. %
Medium	Hi <mark>g</mark> h	18-25	72 -	
Taste profile	Beer ty	vpes	Recommended dosage	Packaging
Esters, Fruity		, Bown, Fruit beer, Quadrupel, Scotch bel	PROF 4 g/hl ° P HOBBY 1g/10l 10 density (Specific weight -1000)	
The duration and conditions of storage as	s well as <mark>packaging c</mark> an strongly influence		al information or certificates of analysis prior to use. tact and in their original packaging or in Brewferm® 0 14 08.	BROUWLAND
Fermentis Safale S-33		FERMENTIS	Safale S-33 Top fermenting yeast for ensured f stant action. Also suitable for ferm Very popular yeast for all purposes aroma.	entation in the bottle.
	pe p fermentation ast			

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
High	Medium	15-20	70	-

Taste profile	Beer types	Recommended dosage	Packaging
Neutral Blonde, Bown, Fruit beer, Porter, Quadrupel, Scotch Ale		PROF 4 g/hl ° P	11,5g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAN

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Fermentis

Safbrew T-58



Safbrew T-58

Top fermenting yeast that produces more esters and gives a herbal aroma. Good sedimentation properties.

Taste profile	Beer types	Recommended dosage	Packaging
Esters, Spiced	Blonde, Bown, Quadrupel, Saison, Tripel	PROF 4 g/hl ° P	11,5g, 500g
		HOBBY 1g/10l 10 densit (Specific weight -1000)	BROUWLAND
All data are based on information currently available an The duration and conditions of storage as well as packa; packaging, and has been kept refrigerated at your distri	www.brouwland.com		

Fermentis Safale S-04		FERMENTIS	Safale S-04 Universal top-fermenting yeast with excellent sedimenta- tion characteristics. Ensures rapid fermentation and low final gravity (1008-1012 SG = 2-3 °Plato).
Physical state Typ	pe		
Drv	o fermentation ast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
High	Medium	15-20	75 -
and the first he			

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Blonde, Bown, Porter, Qua- drupel, Scotch Ale, Tripel	PROF 4 g/hl °P	11,5g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
The duration and conditions of storage as well as pac	and are intended for guidance only. Always consult the product's technic kaging can strongly influence the results. Please check if the product is in stributor. For more information, see www.brouwland.com or call +32 11 40	tact and in their original packaging or in Brewferm®	www.brouwland.com

Dry

Safbrew US-05



Safbrew US-05

The most famous ale yeast strain in America, now available as a ready-topitch dry yeast. Produces well-balanced beers with low diacetyl and a very clean, crisp end palate.

Physical state	Туре
Dry	Top fermentation

Dry yea	ast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Low, Medium	Medium	15-24	81 -

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Ale, Blonde, Fruit beer, India Pale Ale, Stout	PROF 4 g/hl ° P	11,5g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
The duration and conditions of storage as well as	able and are intended for guidance only. Always consult the product's tech packaging can strongly influence the results. Please check if the product i r distributor. For more information, see www.brouwland.com or call +32 1	s intact and in their original packaging or in Brewferm®	www.brouwland.com

Fermentis Safbrew WB- Physical state Typ	ре		MENTIS	The yeast p typical of w	VB-06 y yeast selected for wheat produces subtle estery any wheat beers. For more clow atures below 22°C; above	d phenol flavour notes e flavours: fermentati-
	p fermentatio ast	n				
Sedimentation	Final grav	ity Tempe	rature °C	Fermentat	ion level vol. % Alc.	tolerance vol. %
Low	Low	18-24		86	- V -	
Taste profile		Beer types		Recomm	ended dosage	Packaging
Banana, Clove	1	Blonde, Wheat b	eer, Weizen	PROF	4 g/hl °P	11,5g, 500g
				HOBBY (Specific weight -1000)	1g/10l 10 density	BROUWLAND
All data are based on information current The duration and conditions of storage as packaging, and has been kept refrigerate	s well as packaging can stro	ngly influence the results. Please	e check if the product is inta	ct and in their original p		www.brouwland.com

Safbrew Abbaye



Safbrew Abbaye

Top fermenting yeast recommended to brew abbey type beers, known for their high alcohol content. It ferments very fast and reveals subtle and well-balanced aromas.

Physical state	Туре
Dry	Top fermentation
5	yeast
Sedimentatio	n Final gravity
High	Madium
High	Medium

Taste profile	Beer types	Recommended dosage	Packaging
Phenols, Esters, Fruity	Blonde, Bown, Quadrupel, Tripel	PROF 4 g/hl ° P HOBBY 1g/10l 10 density (Specific weight -1000)	11,5g, 500g
The duration and conditions of storage as well as packaging ca	tended for guidance only. Always consult the product's technic: n strongly influence the results. Please check if the product is in For more information, see www.brouwland.com or call +32 11 40	tact and in their original packaging or in Brewferm®	www.brouwland.com

Fermentis Safale K-97		FERMENTIS	Safale K-97 German top-fermenting yeast with m and moderate final gravity. Gives a c the top. Used, amongst other things	compact yeast head at
Physical state Ty	ре			
	p fermentation ast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
High	Medium	15-20	81 -	
Taste profile	Beer	types	Recommended dosage	Packaging
Phenols, Spiced, C	love Saiso	n, Wheat beer	PROF 4 g/hl ° P	500g
			HOBBY 2g/10l 10 density (Specific weight -1000)	BROUWLAND
he duration and conditions of storage a	s well as packaging can strongly influe		al information or certificates of analysis prior to use. tact and in their original packaging or in Brewferm®) 14 08.	www.brouwland.com

Saflager W-34/70



Saflager W-34/70

Famous yeast strain from Weihenstephan in Germany, used world-wide within the brewing industry.

Temperature °C
12-15

Taste profile	Beer types	Recommended dosage	Packaging
Fruity, Floral	Altbier, Bock, Kölsch, Lager, Pils	PROF 8 g/hl ° P HOBBY 2g/10l 10 density (Specific weight -1000)	11,5g, 500g
The duration and conditions of storage as well as packaging ca	tended for guidance only. Always consult the product's technica n strongly influence the results. Please check if the product is int or more information, see www.brouwland.com or call +32 11 40	act and in their original packaging or in Brewferm®	BROUWLAND

Fermentis Saflager S-23	3	FERMENTIS	Saflager S-23 The first Saccharomyces Carlberg nuine Pilsner type beers! Exceller teristics. Also suitable for stronge Produces fruity, high ester Pilsne	nt sedimentation charac- er beers up to 22 °Plato!
Physical state Typ	pe			
Drv	ttom fermentati- yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % A	Ic. tolerance vol. %
High	Medium	12-15	82 -	
Taste profile	Beer ty	pes	Recommended dosage	Packaging
Esters, Fruity	Altbier, Pils	Bock, Kölsch, Lager,	PROF 8 g/hl ° P	11,5g, 500g

HOBBY 2g/10l 10 density (Specific weight -1000)

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Saflager S-189



Saflager S-189

Saccharomyces Carlbergensis from a Swiss brewery. Produces neutral Pilsner type beers. Excellent flocculation characteristics.

	ysical state Type
	Bottom fermentati-
	on yeast
	dimentation Final gravity
-	jh Low

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Altbier, Bock, Kölsch, Lager, Pils	PROF 8 g/hl ° P HOBBY 2g/10l 10 density	500g
The duration and conditions of storage as well as packaging ca	tended for guidance only. Always consult the product's technica n strongly influence the results. Please check if the product is int or more information, see www.brouwland.com or call +32 11 40	act and in their original packaging or in Brewferm®	BROUWLAND

Fermentis Safbrew F-2 Physical state Typ Dry Bo	pe ttle yeast	FERMENTIS	Safbrew F-2 Profile: selected specifically for se bottle and in cask. This yeast ass riose, but assimilates basic sugar ccharose, maltose). It is characte profile, respecting the base beer resists high alcohol levels (>10% obtain all the properties of referm	imilates very little maltot- rs (glucose, fructose, sa- rized by a neutral aroma character. Safbrew F-2 v/v) and allows brewers to
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % A	Ic. tolerance vol. %
High		15-25	- >	10
Taste profile	Beert	types	Recommended dosage	Packaging
Neutral			PROF 2-7 g/hl	11,5g, 500g
			HOBBY 0,2-0,7 g/10 l (Specific weight -1000)	BROUWLAND
The duration and conditions of storage as	well as packaging can strongly influen		al information or certificates of analysis prior to use. tact and in their original packaging or in Brewferm [®] 0 14 08.	www.brouwland.com

Lallemand			Abbaye	
Abbaye Physical state Type		LALLEMAND	Beer Styles: Belgian beers Profile: Abbaye is a top ferriting ale yeast of Belgian origin, selected for its ability produce great Belgian style beers including high gravibleers such as Dubbel, Tripel and Quads. The yeast produces a complex aroma and flavours may include pepbanana, clove, alcohol and (sweet) fruits. Flocculation Final gravity: medium-low Fermentation temperature:	
			23°C Advised dose: 4 g/hl °Plato	
Drv	Top fermentation yeast			
Sedimentation	Final gravity	y Temperature °C	Fermentation level vol. % Alc	. tolerance vol. %
Low	Low	17-23	- 12	
Taste profile	Ве	er types	Recommended dosage	Packaging
Dhonolo Ectore	Eruity Die	anda Rown Quadrupal		11a 500a

 Phenols, Esters, Fruity, Banana, Clove
 Blonde, Bown, Quadrupel, Tripel
 PROF
 4 g/hl °P
 11g, 500g

 HOBBY
 1g/10l 10 density
 1g/10l 10 density
 1000)
 1000
 1000

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Lallemand Notthingham	Ale	LALLEMAND	Notthingham Ale High-qualitative top fermenting yeas ble fermentation. Suitable for prima beers up to 9% ABV. This neutral be concentrations of fruity aromas, allo flavour of malt and hops to come int the yeast suitable for a wide range of	ry fermentation for er yeast produces low wing the full natural o its own. This makes
Physical state Ty	ре			
Drv	p fermentation ast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
High	Low	14-21	- 9	
and here h				
Taste profile	Beer	types	Recommended dosage	Packaging
Neutral		e, Bown, Quadrupel,	PROF 4 g/hl ° P	11g, 500g

 Neutral
 Blonde, Bown, Quadrupel, Scotch Ale, Stout, Tripel
 PROF
 4 g/hl ° P
 11g, 500g

 HOBBY
 1g/10l 10 density

 (Specific weight -1000)
 100 l
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Lallemand Windsor Ale		LALLEMAND	Windsor Ale An authentic English yeast that is perfect for brewing full, fruity ales. Is equally suitable for brewing Pale Ales to Porters with moderate alcohol content, up to 7% ABV. Produces a light, fresh, yeasty flavour.
Physical state Type	9		
Dry Top yeas	fermentation st		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Low	High	17-21	- 7

Taste profile	Beer types	Recommended dosage	Packaging
Esters, Fruity	Bown, Porter, Scotch Ale	PROF 4 g/hl °P	11g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are in The duration and conditions of storage as well as packaging ca packaging, and has been kept refrigerated at your distributor. F	www.brouwland.com		

Lallemand BRY-97		LALLEMAND	BRY-97 Selected from the Siebel Institute Culture Collection, this American West Coast yeast is used for different types of ales by a number of commercial brewers. Provides rapid and vigorous fermentation, which can be completed in 4 days.
Physical state T	уре		
Drv	op fermentation east		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
High	Medium	17-22	

Beer types	Necomm	ended dosage	Packaging
Ale, Blonde, Lager, India Pale Ale, Porter, Scotch Ale, Stout	PROF	4 g/hl °P	11g, 500g
	HOBBY (Specific weight -1000)	1g/10l 10 density	BROUWLAN
I	Pale Ale, Porter, Scotch Ale,	Pale Ale, Porter, Scotch Ale, Stout HOBBY (Specific weight	Pale Ale, Porter, Scotch Ale, Stout HOBBY 1g/10l 10 density (Specific weight

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An data are based on mornation currently available and are intended of guidance only. Aways consult the product's retinine a mornation of certificates of analysis photo use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intent and in their original packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

Lallemand

Taste profile

Esters, Banana, Clove

Munich		LALLEMAND	Suitable for primary fermentation for	wheat beer breweries. or beers up to 7% ABV.	
$Q = Q_{\perp}$			This top-notch yeast is used to create high-quality wheat beers. Produces typical banana and clovy flavours.		
Physical state Type					
Dry Top f yeast	ermentation t				
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %	
Low	Medium	17-22	- 7		

Recommended dosage

4 g/hl °P

1g/10l 10 density

PROF

HOBBY (Specific weight -1000)

Packaging

11g, 500g

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Beer types

Blonde, Weizen

Lallemand CBC-1 Physical state Typ Dry Bo	<mark>pe</mark> ottle yeast		LALLEMAND	CBC-1 CBC-1 has been specially selecter ability and is recommended for set the bottle/cask. CBC-1 can ferme content up to 12-14%, due to its h and pressure. This yeast produce tees as such the original character	econdary fermentation in nt beers with an alcohol nigh resistance to alcohol s no flavours and guaran-
Sedimentation High	Final gr	avity	Temperature °C 15-25	Fermentation level vol. % Al - 14	
Taste profile		Beer typ	pes	Recommended dosage	Packaging
Neutral		Fruit bee	er, Scotch Ale	PROF 10 g/hl HOBBY 1g/101 (Specific weight -1000)	11g, 500g BROUWLAND
The duration and conditions of storage as	s well as packaging car	strongly influence t		al information or certificates of analysis prior to use. tact and in their original packaging or in Brewferm® 14 08.	www.brouwland.com

LALLEMAN	VU,

Belle Saison

Brewer's yeast of Belgian origin. This yeast has been spe-cially selected for its ability to produce great Saison-style beers. Due to ester and phenol production, the aroma is fruity, spicy and peppery.

	Tem	Temperature °C Ferr
1	17-2	17-22 95-1

Belle Saison

Taste profile	Beer types	Recommended dosage	Packaging
Phenols, Esters, Spiced, Clove	Blonde, Porter, Saison, Tripel	PROF 4 g/hl ° P	11g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are The duration and conditions of storage as well as packaging packaging, and has been kept refrigerated at your distributo	www.brouwland.com		

Lallemand Diamond L	ager	LALLEMAND	Diamond Lager The Diamond Lager yeast strain originated in Germany and is used worldwide by commercial breweries. This lager yeast gives you true lager yeast performance along with the convenience and consistency of a dry yeast, which ma- kes Diamond the perfect choice for a full range of lagers.
Physical state	Туре		
Dry	Bottom fermentati- on yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
High	Medium	10-15	

Taste profile	Beer types	Recommer	nded dosage	Packaging
Neutral	Altbier, Bock, Kölsch, Lam- bic, Porter, Flanders Red/ Brown		3 g/hl °P 2g/10l 10 density	11g, 500g
		(Specific weight -1000)		BROUWLAND
All data are based on information currently availab The duration and conditions of storage as well as p packaging, and has been kept refrigerated at your	www.brouwland.com			



M20 Bayarian Wheat

Yeast

Physical state Type Top fermentation Dry yeast

M20 Bavarian Wheat Yeast

A classic top-fermenting yeast suited for brewing a range of German weizens. It has a very low flocculation rate that makes it ideal for beers that are traditionally served cloudy. This yeast creates exceptionally dry beer, with a silky mouth feel, and a delicious banana and spice aroma.

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %	ó
Low	Medium	18-30		

Taste profile	Beer types	Recommended dosage	Packaging
Phenols, Esters, Fruity, Banana, Clove	Wheat beer, Weizen	PROF 4-6 g/hl°P HOBBY 1-2 g/10I 10SG (Specific weight -1000)	10g, 500g BROUWLAND
All data are based on information currently available and a The duration and conditions of storage as well as packagin packaging, and has been kept refrigerated at your distribu	www.brouwland.con		

Mangrove Jack's

M07 British Ale Yeast

Physical state	Туре
Dry	Top fermentation yeast



M07 British Ale Yeast

A neutral top-fermenting strain especially suited for brewing silky smooth ales with a neutral yeast aroma and flavor contribution. This strain also works well for stronger ales where a soft and balanced mouth feel is desired and where the nutty, spicy and earthy hop and malt characteristics should be enhanced. This yeast strain is highly flocculent and not prone to autolysis, making it an excellent choice for both cask and bottle conditioned beer.

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium, High	Medium	16-22	

Taste profile	Beer types	Recommended dosage	Packaging
Spiced	Ale, India Pale Ale, Porter, Scotch Ale, Stout	PROF 4-6 g/hl°P	10g, 500g
		HOBBY 1-2 g/10I 10SG (Specific weight -1000)	BROUWLAND
All data are based on information currently availa The duration and conditions of storage as well as packaging, and has been kept refrigerated at you			

Mangrove Jack's M44 US West Coast Yeast Physical state Type Dry Top fermentation yeast		MANGROVE JACK'S BREWING CO.	M44 US West Coast Yeast With the craft beer movement being lead by the USA, then has been a demand for a yeast strain which emphasizes the expressive flavors of the unique ingredients used. US West Coast Yeast is a high attenuating, top-fermenting strain that ferments with almost completely neutral attrib tes across a wide range of wort strengths and temperatur ranges. It produces a moderately high acidity which allows the tangy, citrus hop aromas to really punch through. At the same time it is also enhancing the toasted and dark malt characters. If you plan to use a lot of expensive flavorful hops as the prominent feature of your beer, use this yeast			which emphasizes ngredients used. US g, top-fermenting pletely neutral attribu- gths and temperature
						punch through. At the asted and dark malt expensive flavorful
Sedimentation F	inal gravity	Temperature °C	Fermenta	ition level vol. %	Alc. t	olerance vol. %
Medium, High M	/ <mark>le</mark> dium	18-23	-		-	
Taste profile	Beer typ	Des	Recomm	nended dosage		Packaging
Neutral	Ale, Indi	a Pale Ale	PROF	6- <mark>8</mark> g/hl°P		10g, 500g

HOBBY 2-3 g/101 10SG (Specific weight -1000)

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Mangrove Jack's

M79 Burton Union Yeast

Physical state	Туре
Dry	Top fermentation yeast



M79 Burton Union Yeast

Famous all over the world for its crisp, dry and uniquely malty and hoppy ales. This strain has been isolated and developed especially for the home and craft brewer from a commercial brewery in the heartland of British Brewing. Burton Union Yeast is a gentle but rapid fermenter that generates light and delicate ripe pear esters and does not strip away light malt character or body. Moderate acidity balances the silky smooth texture of beers fermented with Burton Union Yeast.

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Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium, High	Medium	18-23	

Taste profile	Beer types	Recommended dosage	Packaging
Neutral, Fruity		PROF 4-6 g/hl°P	10g, 500g
		HOBBY 1-2 g/10I 10SG (Specific weight -1000)	BROUWLAND
The duration and conditions of storage as well a		product's technical information or certificates of analysis prior to use. If the product is intact and in their original packaging or in Brewferm® m or call +32 11 40 14 08.	www.brouwland.com

Mangrove Jack's M84 Bohemian Lager Yeast Physical state Type		MANGROVE JACK'S BREWING CO.	M84 Bohemian Lager Yeast Bohemian Lager is a classic bottom-fermenting, conti- nental lager strain that produces elegant, well balanced beers. Bohemian Lager Yeast is characterized by its dry and clean palate typical of traditional Czech brewing. This strain confers smooth and subtle yeast characteristics wit muted fruit notes resulting in refreshingly crisp lagers with an expressive hop character. While rich and chewy, the beers fermented with this strain will not be sweet but may have an elusive full malt flavor in the aftertaste. Lagering	
Drv	ottom fermentati- n yeast		periods as short as 4 weeks may produce acceptable beer but allowing it to lager for 6-8 weeks, it will result in beer that is richer and smoother with a more refined aroma and flavor.	
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %	
Medium, High	Medium	10-15	- 9	

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Altbier, Bock, Kölsch, Lager, Pils	PROF 8-10 g/hl°P HOBBY (Specific weight -1000)	10g, 500g BROUWLAND
All data are based on information currently available The duration and conditions of storage as well as pa packaging, and has been kept refrigerated at your d	www.brouwland.com		

Mangrove Jack's M27 Belgian Ale Yeast With a myriad of flavors and aromas embraced by master brewers all over Belgium, this strain has been specially developed to bring the best of these flavors to the home or M27 Belgian Ale Yeast craft brewer. Belgian Ale Yeast is an exceptional top-fermenting yeast strain creating distinctive beers with spicy, fruity and peppery notes. Ideal for fermentation of farmhouse style beer, but also suitable for other Belgian styles. **Physical state** Type This yeast is highly attenuative and has a high ethanol tolerance that makes it ideal for creating most Belgian Top fermentation beer styles including Quadrupel styles of up to 14% ABV. At Dry higher alcohol levels fermentation may take longer but the veast strain is robust enough to deal with almost anything. Fermentation level vol. % Alc. tolerance vol. % **Sedimentation Final gravity Temperature °C** Medium 26-32 14 Medium

Taste profile	Beer types	Recommended dosage	Packaging		
Phenols, Fruity, Spiced	Blonde, Bown, Fruit beer, Quadrupel, Saison, Tripel, Flanders Red/Brown	PROF 4-6 g/hl°P	10g, 500g		
		HOBBY 1-2 g/10I 10SG (Specific weight -1000)	BROUWLAND		
Il data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use, ne duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm					

packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

DIV	stle Dark Ale pe p fermentation	ANGROVE DACKS BREWING Co	M03 Newcastle Dark Ale Yea Newcastle Dark Ale Yeast succe ale production into the homebre a top-fermentation strain well su ales, particularly dark and full b and Scottish heavy ales. Selecte this strain will stop short of the by other yeast strains. Dark fruit when fermented at the appropri should be taken to adjust hop b the ester character and comple finish.	essfully brings classic cask ew or craft setting. This is uited for fermenting British odied ales, mild brown ales ed to not over attenuate, low end gravities exhibited ty esters are pronounced ate temperature. Care itterness to ensure it suits		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %		
Medium	Medium	18-22				
Medium	Wedium	10-22				
Tasta nuefila	Dearth		Decomposed decore	Deskering		
Taste profile	Beer ty	pes	Recommended dosage	Packaging		
Esters, Fruity	Scotch	Ale	PROF 4-6 g/hl°P	10g, 500g		
			HOBBY 1-2 g/10I 10SG (Specific weight -1000)	BROUWLAND		
	Il data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. he duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm*					

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Mangrove Jack's

M10 Workhorse Beer

Yeast

Physical state	туре
Dry	Top fermentation yeast



M10 Workhorse Beer Yeast

Workhorse Beer Yeast is a true all-rounder, suitable for a myriad of beer styles at extremely high gravities and different brewing temperatures. From Baltic porter to ambient temperature fermented lagers, this top-fermenting strain has such a clean flavor and aroma profile that it is suitable for almost every application. It is a robust strain with rapid and reliable fermentation performance, good attenuation properties and is ideally suited to making cask or bottle conditioned beers.

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Medium	Medium	15-20	-	9

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Ale, Altbier, Blonde, Bock, Bown, Fruit beer, Kölsch, In- dia Pale Ale, Porter, Saison, Scotch Ale, Stout, Wheat beer, Flanders Red/Brown	PROF 4-6 g/hl°P HOBBY 1-2 g/10I 10SG (Specific weight -1000)	10g, 500g BROUWLAN

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Mauribrew DRAUGHT		mauribrew	thus be us ales, Engli hence it p	v Draught is popular for i sed for many different be	eer styles eg. French ds. It sediments heavily,
Physical state 1	Гуре				
Drv	op fermentation east				
Sedimentation	Final gravit	y Temperature °C	Fermenta	tion level vol. % Ale	c. tolerance vol. %
High	Medium	13-22	-	9	
Taste profile	В	eer types	Recomn	nended dosage	Packaging
		e, Bown, Porter, Scotch e, Stout	PROF	6 g/hl °P	12,5g, 500g
			HOBBY	1,5g/10 10 den-	

(Specific weight **Sity**

-1000)

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Mauribrew ALE 514		mauribrew	ALE 514 Top fermenting yeast. With very good settling properties even at warmer ambient temperatures 20-30 °C.
Physical state Ty	/ре		
Drv	op fermentation east		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium	Medium	22	83 9,5

Taste profile	Beer types	Recomm	ended dosage	Packaging
Neutral	Blonde, Bown, Porter, Qua- drupel, Scotch Ale, Tripel	PROF	4 g/hl °P	12,5g, 500g
		HOBBY (Specific weigh -1000)	1g/10l 10 density	BROUWLAND
The duration and conditions of storage as well as	able and are intended for guidance only. Always consult the product's technik packaging can strongly influence the results. Please check if the product is i r distributor. For more information, see www.brouwland.com or call +32 11 4	ntact and in their original		www.brouwland.com

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Mauribrew LAGER 497		mauribrew	LAGER 497 Lager yeast. This strain has low oxygen requirements through fermentation. Forms no yeast head throughout fermentation.
Physical state Ty	pe		
Drv	ottom fermentati- n yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium	Medium	10-15	83 -
Taste profile	Reer t	where a state of the state of t	Recommended dosage Packaging

Taste profile	Beer types	Recommended dosage	Packaging
Fruity, Floral	Altbier, Bock, Kölsch, Lager, Pils	PROF 8 g/hl ° P	12,5g, 500g
		HOBBY 2g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are The duration and conditions of storage as well as packaging c packaging, and has been kept refrigerated at your distributor.	www.brouwland.com		

Mauribrew WEISS		mauribrew	WEISS For wheat beer. Produces large quantities of fermentation aromas (esters, higher alcohols). Temperature range: 15- 30 °C. Requires high amounts of nitrogen. Where neces- sary use nutrients. Has good settling properties at cool temperatures.
Physical state Ty	pe		
Drv	p fermentation ast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium	Low	15-30	

Taste profile	Beer types	Recommended dosage	Packaging
Esters, Banana, Clove	Blonde, Fruit beer, Wheat beer, Weizen	PROF 4 g/hl ° P	12,5g, 500g
		HOBBY 1g/10l 10 density (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are The duration and conditions of storage as well as packaging packaging, and has been kept refrigerated at your distributo	www.brouwland.com		

Wyeast 1007 Germa	n Ale	NY EAST LABORATORIES	1007 German Ale True top-cropping yeast, low ester formation, broad temperature range affects styles. Will ferment cold; 13 °C range.
Physical stateTyLiquidHy	pe brid yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Low	Medium	13-20	73-77 11
Taste profile	Beer t	VDes	Recommended dosage Packaging

Taste profile	Beer types	Recommended dosage	Packaging
Fruity	Altbier, Kölsch, Wheat beer	PROF 150 billion cells/ hl °P	Smackpack
		HOBBY See dosage table (Specific weight -1000)	BROUWLAND
All data are based on information currently available. The duration and conditions of storage as well as pac packaging, and has been kept refrigerated at your dis	www.brouwland.com		

Wyeast 1010 Americ Physical state Typ		ENDERATORIES	1010 American Wheat A dry-fermenting, true top-cropping y tart, crisp beer. Ideal for beers when desirable, a good alternative for Alts American Style Hefeweizen.	e a low ester profile is
	p fermentation ast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
Low	Medium	14-23	74-78 10	
Taste profile	Beert	types	Recommended dosage	Packaging
Neutral	Altbie	r, Kölsch, Wheat beer	PROF 75 billion cells/ hl °P	Smackpack
			HOBBY See dosage tables (Specific weight -1000)	BROUWLAND

www.brouwland.com

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Wyeast 1028 London Ale		NY EAST LABORATORIES	1028 London Ale Rich with a dry finish, bold and crisp, with a hint of fruiti- ness.
Physical state	Туре		
Liquid	Top fermentation yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Low, Medium	Medium	15-22	73-77 11

Taste profile	Beer types	Recommended dosage	Packaging
Fruity	Ale, Porter, Scotch Ale, Stout	PROF 75 billion cells/ hl°P HOBBY See dosage tables (Specific weight -1000)	Smackpack BROUWLAND
All data are based on information currently available and The duration and conditions of storage as well as packagi packaging, and has been kept refrigerated at your distribu	www.brouwland.com		

Wyeast 1056 Americ			1056 American Ale Very clean crisp flavour characterist mild ester production. Slightly citrus °C fermentation temperatures. Versa duces many beer styles allowing ma dominate the beer profile.	like with cool 15-19 atile yeast, which pro-
Physical state Typ	o fermentation			
	ast			
Sedimentation	Final gravit	y Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
Low, Medium	Medium	15-22	73-77 11	
Taska nyafila			December ded decerte	Deckering
Taste profile	DE	eer types	Recommended dosage	Packaging
Neutral	Ale	e, Fruit beer, India Pale e, Porter, Quadrupel, cotch Ale, Stout	PROF 75 billion cells/ hl°P	Smackpack

HOBBY See dosage tables (Specific weight -1000)

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Wyeast 1084 Irish	Ale	NY EAST LABORATORIES	1084 Irish Ale Beers fermented in the lower temperature range produce dry and crisp beers to fruity beers with nice complexity in the upper range. Ester production is enhanced and rich with fermentation temperatures above 18 °C.
Physical state	Туре		
Liquid	Top fermentation yeast		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
Medium	Medium	16-22	71-75 12

Recommended dosage

hl °P

75 billion cells/

See dosage tables

PROF

HOBBY (Specific weight -1000) Packaging

Smackpack

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Beer types

Ale, Porter, Quadrupel,

Scotch Ale, Stout

packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

Taste profile

Esters, Fruity

Wyeast 1098 British	Ale	WYEAST LABORATORIES	1098 British Ale This yeast allows malt and hop chara profile. It ferments dry and crisp, slig balanced. Beers will finish clean and down to 18 °C.	htly tart, fruity and well
Physical state Ty	ре			
	p fermentati ast	ion		
Sedimentation	Final gra	avity Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
Medium	Medium	18-22	73-75 10	
Taste profile		Beer types	Recommended dosage	Packaging
Neutral		Ale, Blonde, Porter, Scotch Ale, Stout	PROF 75 billion cells/ hl °P	Smackpack

HOBBY See dosage tables (Specific weight -1000)

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1099 Whitbread Ale



1099 Whitbread Ale

A mildly malty and slightly fruity fermentation profile; not as tart and dry as 1098 and much more flocculent. Clears well without filtration.

Physical state	Туре			
	Top fermentation yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Medium, High	Low	18-24	68-72	10

Taste profile	Beer types	Recommended dosage	Packaging
Fruity	Ale, Blonde, Bown, Stout	PROF 75 billion cells/ hl °P HOBBY See dosage table (Specific weight -1000)	Smackpack es BROUWLAND
The duration and conditions of storage as well as packaging	intended for guidance only. Always consult the product's technica can strongly influence the results. Please check if the product is in r. For more information, see www.brouwland.com or call +32 11 40	tact and in their original packaging or in Brewferm®	www.brouwland.com

Wyeast 1187 Ringwood Ale Great Yeast of European origin with unique fermentation and flavour characteristics. Distinct fruit ester and high (E A S flocculation provide a malty complex profile, also clears 1187 Ringwood Ale well. Thorough diacetyl rest is recommended after fermentation is complete. **Physical state** Type Top fermentation Liquid veast **Sedimentation Final gravity Temperature °C** Fermentation level vol. % Alc. tolerance vol. % 10 High Low 18-23 68-72 **Taste profile Beer types Recommended dosage** Packaging Esters, Fruity India Pale Ale, Porter, Stout PROF 75 billion cells/ Smackpack hl ° P See dosage tables HOBBY (Specific weight -1000)

All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm® packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.





Taste profile	Beer types	Recommended dosage	Packaging
Esters, Spiced	Ale, Blonde, Bown, Quadrupel, Wheat beer, Tripel	PROF 75 billion cells/ hl ° P HOBBY See dosage table (Specific weight -1000)	Smackpack s BROUWLAND
The duration and conditions of storage as well as p	ole and are intended for guidance only. Always consult the product's technica backaging can strongly influence the results. Please check if the product is in distributor. For more information, see www.brouwland.com or call +32 11 40	act and in their original packaging or in Brewferm®	www.brouwland.com

Wyeast 1272 Ameri		LABORATORIES	1272 American Ale II Fruitier and more flocculent that clean, slightly tart finish.	n 1056, slightly nutty, soft,
Physical state				
	Fop fermentation /east			
,	Jodot			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Medium, High	Medium	15-22	72-76	LO
, 0				
Taste profile	Beer t	ypes	Recommended dosage	Packaging

Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Ale, Blonde, Bown, Fruit beer, India Pale Ale, Por- ter, Quadrupel, Scotch Ale, Stout, Tripel	PROF 75 billion cells/ hl ° P HOBBY (Specific weight -1000)	Smackpack
All data are based on information currently available and are int The duration and conditions of storage as well as packaging can			

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An data are based on morination currently available and are interfaced to guidance only. Always consult the product's estimate morination of estimates are as well as packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

Liquid

Physical state Type

yeast



Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Low, Medium	Medium	16-22	77	10

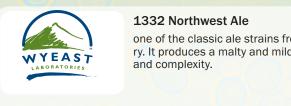
Taste profile	Beer types	Recommended dosage	Packaging
Neutral	Ale, Porter, Scotch Ale, Stout	PROF 75 billion cells/ hl°P HOBBY See dosage tables (Specific weight -1000)	Smackpack
The duration and conditions of storage as well as pa	e and are intended for guidance only. Always consult the product's techn ckaging can strongly influence the results. Please check if the product is stributor. For more information, see www.brouwland.com or call +32 11	ntact and in their original packaging or in Brewferm®	www.brouwland.com

Wyeast 1318 Londor	n Ale III	NYEAST LABORATORIES	1318 London Ale III From a traditional London brewery with great malt and hop profile. True top cropping strain, fruity, very light, soft balan- ced palate, finishes slightly sweet.
Physical state Typ	ре		
	p fermentation ast		
Sedimentation	Final gravity	y Temperature °C	Fermentation level vol. % Alc. tolerance vol. %
High	Medium	18-23	71-75 10
Taste profile	Be	er types	Recommended dosage Packaging
Fruity	Ale	e, India Pale Ale, Stout	PROF 75 billion cells/ Smackpack hl °P
			HOBBY See dosage tables (Specific weight -1000)

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1332 Northwest Ale



one of the classic ale strains from a Northwest U.S. Brewery. It produces a malty and mildly fruity ale with good depth

Physical state	Туре			
Liquid	Top fermentation yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
High	Low	18-24	67-71	10

Taste profile	Beer types	Recomm	nended dosage	Packaging
Fruity	Ale, Blonde, Bown, Fruit beer, India Pale Ale, Qua- drupel, Stout	PROF	75 billion cells/ hl °P	Smackpack
		HOBBY (Specific weigh -1000)	See dosage tables	BROUWLAND
All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm® packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.				www.brouwland.com

Wyeast 1335 British Ale II Typical British and Canadian ale fermentation profile with good flocculating and malty flavour characteristics, crisp (E A S finish, clean, fairly dry. 1335 British Ale II **Physical state** Type Top fermentation Liquid yeast Fermentation level vol. % Alc. tolerance vol. % **Sedimentation Final gravity Temperature °C** 73-76 10 High Medium 17-24 **Beer types Taste profile Recommended dosage** Packaging Neutral Ale, Porter, Scotch Ale, PROF 75 billion cells/ Smackpack Stout hl ° P See dosage tables HOBBY (Specific weight -1000)

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1388 Belg Strong Ale



1388 Belg Strong Ale

Classic yeast for style. Robust flavour profile with moderate to high alcohol tolerance. Fruity nose and palate, dry, tart finish.

Physical state	Туре			
Liquid	Top fermentation			
·	yeast			
Sedimentation	Final gravity	Tem	perature °C	perature °C Fermentation level vol. %
Low	Medium	18-27		74-78

Taste profile	Beer types	Recomm	nended dosage	Packaging
Phenols, Esters	Blonde, Quadrupel, Tripel	PROF HOBBY (Specific weigh -1000)	75 billion cells/ hl °P See dosage tables	Smackpack BROUWLAND
All data are based on information currently available and are The duration and conditions of storage as well as packaging o packaging, and has been kept refrigerated at your distributor	www.brouwland.com			

Wyeast

1469 West Yorkshire Ale

1 in	\mathcal{I}
YEA	ST
ABORATO	

1469 West Yorkshire Ale

Produces ales with a full chewy malt flavor and character, but finishes dry, producing famously balanced beers. Expect moderate nutty and stone-fruit esters. Best used for the production of cask-conditioned bitters, ESB and mild ales. Reliably flocculent, producing bright beer without filtration.

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i nysicai state	Type
Liquid	Top ferm <mark>entation</mark> yeast

Physical state Type

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
High	Low	18-22	67-71	9

Taste profile	Beer types	Recomm	ended dosage	Packaging
Esters, Fruity	Ale, Blonde, India Pale Ale, Stout	PROF HOBBY (Specific weigh -1000)	75 billion cells/ hl °P See dosage tables	Smackpack

An data are based on information currency available and are interfected of guidance only. Always constructine product is retinined information of efficiences of analysis prior to be The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is information in their original packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

Wyeast 1728 Scottis	sh Ale	WYEAST LABORATORIES	1728 Scottish Ale Ideally suited for Scottish-style ales,	and highgravity ales.
Physical state Ty	/ре			
LIQUIQ	op fermentation east			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
High	Low	13-24	69-73 12	

Taste profile	Beer types	Recommended dosage	Packaging			
Neutral	Ale, Porter, Scotch Ale, Stout	PROF 75 billion cells/ hl °P HOBBY See dosage tables (Specific weight -1000)	Smackpack			
The duration and conditions of storage as well as packaging ca	All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm® packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.					

Wyeast 1762 Belg A	bbey-2	NY EAST LADORATORIES	1762 Belg Abbey-2 High gravity yeast with distinct warn ethanol production. Slightly fruity wi ester profile.	
Physical state Ty	уре			
LIQUIQ	op fermentation east			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
Medium	Medium	18-24	73-77 12	
Taste profile	Beer	types	Recommended dosage	Packaging

Taste profile	Beer types	Recommended dosage	Packaging
Fruity	Blonde, Bown, Quadrupel, Scotch Ale, Tripel	PROF 75 billion cells/ hl °P	Smackpack
		HOBBY See dosage tables (Specific weight -1000)	BROUWLAND
All data are based on information currently available and are int The duration and conditions of storage as well as packaging car			

An data are based on monitoring on contently available and are intended of gludance only. Always consult the product's retining an indicate or analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

1968 London ESB Ale



1968 London ESB Ale

This extremely flocculent yeast produces distinctly malty beers and a balanced fruitiness. Alcohol tolerance approximately 9 % ABV. Flocculation: high. Apparent attenuation: 67-71 %. Fermentation temperature: 18-22 °C.

Physical state	Туре
Liquid	Top fermentation
Liquid	yeast
edimentation	Final gravity
High	Low

Taste profile	Beer types	Recomm	nended dosage	Packaging
Fruity	Ale, Fruit beer, India Pale Ale, Quadrupel	PROF	75 billion cells/ hl °P	Smackpack
		HOBBY (Specific weigh -1000)	See dosage tables	BROUWLAND
The duration and conditions of storage as well as pack	nd are intended for guidance only. Always consult the product's technic aging can strongly influence the results. Please check if the product is in ibutor. For more information, see www.brouwland.com or call +32 11 4	tact and in their original		www.brouwland.com

Wyeast 2000 Budvar Lager Nice malty nose, subtle fruitiness. Rich malt profile on palate. Finishes malty but dry, well balanced, crisp. Hop (E A S character comes through in finish. 2000 Budvar Lager **Physical state** Type Bottom fermentati-Liquid on yeast **Final gravity Temperature °C** Fermentation level vol. % Alc. tolerance vol. % **Sedimentation** 71-75 9 Medium, High Medium 9-13 **Taste profile Beer types Recommended dosage** Packaging Fruity Lager, Pils PROF 150 billion cells/ Smackpack hl ° P See dosage tables HOBBY (Specific weight -1000)

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2001 Urquell Lager



2001 Urquell Lager

Mild fruit/floral aroma. Very dry and clean on palate with full mouthfeel and nice subtle malt character. Very clean and neutral finish.

Physical state	Туре			
Liquid	Bottom fermentati- on yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Medium, High	Medium	9-13	72-76	9

Taste profile	Beer types	Recommended dosage	Packaging
Fruity, Floral	Pils	PROF 150 billion cells/ hl°P HOBBY (Specific weight -1000)	Smackpack
The duration and conditions of storage as well as page		roduct's technical information or certificates of analysis prior to use. the product is intact and in their original packaging or in Brewferm® or call +32 11 40 14 08.	www.brouwland.com

Wyeast 2007 Pilsene	er Lager	WYEAST LABORATORIES	2007 Pilsene A classic Amer Ferments dry a	rican pilsner strair	i, smooth, malty palate.
Physical state Typ	pe				
Liquid	ttom fermentati- yeast				
Sedimentation	Final gravity	Temperature °C	Fermentation	n level vol. %	Alc. tolerance vol. %
Medium	Medium	9-13	71-75	ç)
Taste profile	Beer	types	Recommen	ded dosage	Packaging
Neutral	Lager,	, Pils		50 billion cells, I °P	Smackpack
			HOBBY Se (Specific weight -1000)	ee dosage tabl	es

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2042 Danish Lager

Physical state Type



Liquid Bottom fermentati- on yeast				
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Low	Medium	8-13	73-77	9

Taste profile	Beer types	Recomme	ended dosage	Packaging
Neutral	Lager, Pils		150 billion cells/ hl °P See dosage tables	Smackpack BROUWLAND
All data are based on information currently available and The duration and conditions of storage as well as packag packaging, and has been kept refrigerated at your district	www.brouwland.com			

Wyeast

2112 California Lager

Physical state	Туре
Liquid	Bottom fermentati- on yeast

WYEAST LABORATORIES

2112 California Lager

Particularly suited for producing 19th-century style West Coast beers. Retains lager characteristics at temperatures up to 18 °C and produces malty, brilliantly clear beers.

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Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
High	Low	14-20	76-71	9

Taste profile	Beer types	Recomm	nended dosage	Packaging
Neutral	Lager	PROF HOBBY	150 billion cells/ hl °P See dosage tables	Smackpack
		(Specific weigh -1000)	ıt	BROUWLAND
All data are based on information currently available and are in The duration and conditions of storage as well as packaging car				

An data are based on information currency available and are interfected of guidance only. Always constructine product is retinined information of efficiences of analysis prior to be The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is information in their original packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

2124 Bohemian Lager



2124 Bohemian Lager

A Carlsberg type yeast and the most widely used lager strain in the world. Produces a distinct malty profile with some ester character with a crisp finish. Well-balanced profile, produces a wide range of lager beers.

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Temperature °C
8-22

Taste profile	Beer types	Recommended dosag	ge Packaging
Esters	Bock, Lager, Pils	PROF 150 billion of hl°P HOBBY See dosage (Specific weight -1000)	
All data are based on information currently availabl The duration and conditions of storage as well as pa packaging, and has been kept refrigerated at your d	www.brouwland.com		

Wyeast 2206 Bavarian Lager Used by many German breweries to produce rich, full-bodied, malty beers. Good choice for Bocks and Dopple-YEAS bocks. 2206 Bavarian Lager **Physical state** Type Bottom fermentati-Liquid on yeast **Sedimentation Final gravity Temperature °C** Fermentation level vol. % Alc. tolerance vol. % 73-77 9 Medium, High Medium 8-14 **Taste profile Beer types Recommended dosage** Packaging Neutral Bock, Lager, Pils PROF 150 billion cells/ Smackpack hl ° P See dosage tables HOBBY (Specific weight -1000)

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Wyeast 2278 Czech	Pils	WYEAST LADORATORIES	2278 Czech Pils Classic pilsner strain from the ho but malty finish. The perfect choic beers. Sulphur produced during for with conditioning. F	ce for pilsners and all malt
Physical state Typ	pe			
Liquid	ttom fermentati- yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % A	Ic. tolerance vol. %
Medium, High	Low	10-14	70-74 9	
Taste profile	Beer	types	Recommended dosage	Packaging
Neutral	Pils		PROF 150 billion cells/ hl°P	Smackpack
			HOBBY See dosage table (Specific weight -1000)	BROUWLAND
	ly available and are intended for guida swell as packaging can strongly influer		cal information or certificates of analysis prior to use.	

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Wyeast 2308 Munich	n Lager		NY EAST LABORATORIES	smooth, w	ng fine lagers. Very ed. Benefits from t the end of primary	
Physical state Typ	ре					
	ttom f <mark>ermer</mark> yeast	ntati-				
Sedimentation	Final gra	avity	Temperature °C	Fermentat	ion level vol. % Alc	. tolerance vol. %
Medium	Low		9-13	70-74	9	
Taste profile		Beer typ	es	Recomm	ended dosage	Packaging
Neutral		Bock, La	ger	PROF	150 billion cells/ hl °P	Smackpack
				HOBBY (Specific weigh -1000)	See dosage tables t	BROUWLAND
All data are based on information current			nly. Always consult the product's technic			

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Wyeast 2565 Kolsch Physical state Typ		A STATE OF S	slightly more fruit ses with temperat tyl production. Als	y/wine character ture increase. Lo so ferments well a	Alt strains. Produces istics. Fruitiness increa- w or no detectable diace- at cold 13-16 °C range. g pseudo-lager beers.
Liquid Hy	brid yeast				
Sedimentation	Final gravity	Temperature °C	Fermentation le	vel vol. % Al	c. tolerance vol. %
Low	Medium	13-21	73-77	10)
Taste profile	Beer ty	ypes	Recommende	d dosage	Packaging
Fruity	Altbier,	, Kölsch	PROF 150 hl°F	billion cells/	Smackpack
			HOBBY See (Specific weight -1000)	dosage tables	BROUWLAND
The duration and conditions of storage as	well as packaging can strongly influenc	ce only. Always consult the product's technic e the results. Please check if the product is i on, see www.brouwland.com or call +32 11 4	ntact and in their original packaging o		www.brouwland.com

Wyeast 3056 Bavaria Blend	an Wheat	NYEAST LABORATORIES	3056 Bavarian Wheat Blend Blend of top-fermenting ale and w mildly estery and phenolic wheat b	
Physical state Ty	ре			
	p fermentation ast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. % Al	c. tolerance vol. %
Medium	Medium	18-23	73-77 10)
Taste profile	Beer t	ypes	Recommended dosage	Packaging
Phenols, Esters	Weizer	1	PROF 75 billion cells/ hl °P	Smackpack
			HOBBY See dosage tables (Specific weight -1000)	BROUWLAND

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3068 Weihenst Wheat



3068 Weihenst Wheat

Unique top fermenting yeast with the typical herbal WEIZEN character. Rich with clove, vanille and banana. Fermentati-on temperatures arround 20 °C for the best result.

al state Type	
Top fermentation	
yeast	
entation Final gravity	Temperature °C
Medium	18-24

Taste profile	Beer types	Recomm	ended dosage	Packaging		
Esters, Spiced, Banana, Clove	Fruit beer, Weizen	PROF HOBBY (Specific weigh -1000)	75 billion cells/ hl °P See dosage tables	Smackpack		
				BROUWLAND		
The duration and conditions of storage as well as packaging car	All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm [®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.					

Wyeast 3278 Belg Lambic Physical state Type			EXPERSIONAL STREET	Contains romyces Sherry ye Bacteria.	elg Lambic a selection of Saccharom which include Belgian sty ast, two Brettanomyces s Includes organisms whic able flavour components o	le wheat beer yeast, strains and Lactic Acid h are most important for
Liquid Lar	nbic y <mark>eas</mark> t					
Sedimentation	Final g	ravity	Temperature °C	Fermenta	ation level vol. % Alo	c. tolerance vol. %
	High		17-24	70-80	11	
Taste profile Beer typ		es	Recom	mended dosage	Packaging	
Neutral, Lactic acid, Fruit beer, Lambic, Flande		r, Lambic, Flanders	PROF	65 billion cells/hl	Smackpack	

Acetic acid Red/Brown 6,5 billion HOBBY (Specific weight cells/10I-1000) BROUWLAND All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm® packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08. 6



3333 German Wheat Subtle flavour profile for wheat yeast with unique sharp tart

crispness, fruity, sherry-like palate.

3333 German Wheat

Physical state	Туре			
Liquid	Top fermentation yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
High	Medium	17-24	70-76	10

Taste profile	Beer types	Recomm	ended dosage	Packaging			
Esters, Spiced, Banana, Clove	Weizen	PROF HOBBY (Specific weigh -1000)	75 billion cells/ hl °P See dosage tables	Smackpack			
The duration and conditions of storage as well as packaging ca	All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm® packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.						

Wyeast 3463 Forbidden Fruit From an old Belgian brewery for production of 'witbier' to classic grand cru. Phenolic profile with subdued fruitiness. (E A S Well balanced estery profile. 3463 Forbidden Fruit **Physical state** Type Top fermentation Liquid yeast Fermentation level vol. % Alc. tolerance vol. % **Sedimentation Final gravity Temperature °C** 72-76 12 Low Medium 17-24 **Taste profile Beer types Recommended dosage** Packaging Phenols, Esters, Fruity, Blonde, Wheat beer, Tripel PROF 75 billion cells/ Smackpack Spiced hl ° P See dosage tables HOBBY

(Specific weight -1000)

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YEAST

3522 Belgian Ardennes

One of many great beer yeast for producing classic Belgian ales. Phenolics develop with increased fermentation temperatures, mild fruitiness and complex spicy character.

Physical state T	уре			
LIQUIQ	op fermentation east			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance
High	Medium	18-24	72-76	12

Taste profile	Beer types	Recommended dosage		Packaging
Fruity, Spiced	Ale, Blonde, Bown, Quadru- pel, Tripel, Flanders Red/ Brown	PROF HOBBY (Specific weigh -1000)	75 billion cells/ hl °P See dosage tables	Smackpack BROUWLAND
All data are based on information currently available and are The duration and conditions of storage as well as packaging o packaging, and has been kept refrigerated at your distributor	www.brouwland.com			

Wyeast 3638 Bavarian Wheat Top cropping hefeweizen yeast with complex flavour and aroma. Balance of banana and bubble gum esters with (E A S litchi and apple/plum esters and cloviness. 3638 Bavarian Wheat **Physical state** Type Top fermentation Liquid veast Fermentation level vol. % Alc. tolerance vol. % **Sedimentation Final gravity Temperature °C** 70-76 10 Low Medium 18-24 **Taste profile Beer types Recommended dosage** Packaging Esters, Fruity, Banana, Weizen PROF 75 billion cells/ Smackpack Clove hl ° P See dosage tables HOBBY (Specific weight -1000) BROUWLAND All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm[®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.

3711 French Saison



3711 French Saison

Saison yeast, which strengthens the effect of the herbs and the hop aroma. Excellent for beers with a rich aroma and strong herbal bouquet. Smooth, continuous fermentation with low flocculation. Gives a rich texture.

Physical state	Туре			
	Top fermentation yeast			
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance
Low	High	18-25	77-83	12

Taste profile	Beer types	Recommended dosage	Packaging				
Phenols, Esters, Spiced	Blonde, Saison, Wheat beer, Tripel	PROF 75 billion cells/ hl ° P HOBBY See dosage tables (Specific weight -1000)	Smackpack BROUWLAND				
The duration and conditions of storage as well as packaging c	All data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. The duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm [®] packaging, and has been kept refrigerated at your distributor. For more information, see www.brouwland.com or call +32 11 40 14 08.						

Wyeast

3724 Belgian Saison Ale

Physical state	Туре
Liquid	Top fermentation yeast



3724 Belgian Saison Ale

Classic farmhouse ale yeast. Spicy and complex aromatics including bubble gum. Very tart and dry on palate with mild fruit. Finishes crisp and mildly acidic. Benefits from elevated fermentation temperatures. Usually slow to attenuate.

www.brouwland.com

Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Low	High	21-35	76-80	12

Taste profile	Beer types	Recommended dosage		Packaging		
Phenols, Esters, Fruity, Spiced	Saison	PROF HOBBY (Specific weigh	75 billion cells/ hl °P See dosage tables	Smackpack		
		-1000)		BROUWLAND		
	l data are based on information currently available and are intended for guidance only. Always consult the product's technical information or certificates of analysis prior to use. ne duration and conditions of storage as well as packaging can strongly influence the results. Please check if the product is intact and in their original packaging or in Brewferm*					

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Wyeast 3763 Roese	laere		NYEAST LABORATORIES	tures that provide th this style. Long riper	e earthy tones ning (up to 18 m	'. Contains lambic-cul- and acidity typical of nonths) is necessary to dity. This is also true for
Physical state Ty	/pe					
Liquid La	ambic yeast					
Sedimentation	Final gra	avity	Temperature °C	Fermentation leve	l vol. % Alc	. tolerance vol. %
	High		18-30	80	11	
Taste profile		Beer typ	es	Recommended	dosage	Packaging
Lactic acid, Acetic	acid	Lambi <mark>c, I</mark> Brown	Flanders Red/	PROF 75 bill hl °P	ion cells/	Smackpack
				HOBBY See do (Specific weight -1000)	osage tables	BROUWLAN
he duration and conditions of sto <mark>rag</mark> e a	as well as packaging can st	trongly influence the		al information or certificates of analysis p ntact and in their original packaging or in E O 14 08.		www.brouwland.co

W	yea	ast
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3787 Trap High Gravity

Physical state	Туре
Liquid	Top fermentation yeast

YEAST ORATORI

3787 Trap High Gravity

This strain produces intense esters and phenolic characteristics with complex fruitiness. Doesn't produce a significant amount of banana or bubble gum esters. Phenol and ester production are influenced by fermentation temperatures. Phenols tend to dissipate as beer matures. Ferment to dryness with good alcohol tolerance approximately 11-12 % ABV.

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Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
Medium	Medium	18-25	74-78	12

Beer types	Recomm	ended dosage	Packaging
Blonde, Bown, Quadrupel, Tripel	PROF HOBBY (Specific weight -1000)	75 billion cells/ hl °P See dosage tables	Smackpack BROUWLANE
E	Blonde, Bown, Quadrupel,	Blonde, Bown, Quadrupel, Fripel HOBBY (Specific weight	Blonde, Bown, Quadrupel, Fripel PROF 75 billion cells/ hl °P HOBBY See dosage tables (Specific weight

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3942 Belgian Wheat

WYEAST LABORATORIES

3942 Belgian Wheat

Estery, low phenol producing yeast from small Belgian brewery. Apple, bubble gum and plum like aromas with a dry but fruity finish.

Physical state	Гуре		
	Top fermentation /east		
Sedimentation	Final gravity	Temperature °C	Fermentation level vol. %
Medium	Medium	18-23	72-76

Taste profile	Beer types	Recommended dosage	Packaging
Esters	Ale, Wheat beer, Tripel	PROF 75 billion cells/ hl °P	Smackpack
		HOBBY See dosage table (Specific weight -1000)	BROUWLAND
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Wyeast 3944 Belgian Witbier A yeast with complex flavour profile. Produces a spicy phenolic character with low ester production. Phenols (EAS tend to dominate most flavours and dissipates with age. 3944 Belgian Witbier Ferments fairly dry. Sometimes used in conjunction with lactic acid bacteria to produce a sharper finish. This strain may be a slow starting yeast with true top cropping characteristics. **Physical state** Type Top fermentation Liquid veast **Sedimentation Temperature °C** Fermentation level vol. % Alc. tolerance vol. % **Final gravity** 72-76 12 Medium Medium 16-24 **Taste profile Beer types Recommended dosage** Packaging Phenols, Fruity, Spiced Ale, Blonde, Bown, Wheat PROF 75 billion cells/ Smackpack beer, Tripel hl ° P

HOBBY See dosage tables (Specific weight -1000)

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Wyeast 5112 Brett. Bruxel. Physical state Type Liquid Lambic yeas	t	5112 Brett. Bruxel. Produces the classic sweaty horse his genous to beers of the Brussels region Ferments best in worts with lower phytation has begun. This strain is generion with S. cerevisiae as well as other bacteria. Produces some acidity and bottles or casks. Generally requires a flavour to fully develop.	on: gueuze, lambics. I after primary fermen- rally used in conjuncti- r wild yeast and lactic may form a pellicle in
Sedimentation Final g	ravity Temperature °C	Fermentation level vol. % Alc.	tolerance vol. %
Medium High	15-24	100 12	
Taste profile	Beer types	Recommended dosage	Packaging
Acetic acid	Fruit beer, Lambic, Flanders Red/Brown	PROF 65 billion cells/hl HOBBY 6,5 billion (Specific weight cells/101 -1000)	Smackpack

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Wyeast 5335 Lactoba Physical state Typ Liquid Lar			5335 Lactobacillus Lactic acid bacteria isolated from culture produces moderate leve monly found in many types of be lambics sour brown ales and Be in conjunction with S.cerevisiae yeast.	ls of acidity and is com- eers including gueuze, rliner Weisse. Always used
Sedimentation	Final gravity	Temperature °C 15-35	Fermentation level vol. %	
Taste profile	Beer t	ypes	Recommended dosage	Packaging
Lactic acid	Fruit b Red/B	eer, Lambic, Flanders Prown	PROF	Smackpack
			HOBBY	

(Specific weight -1000)

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Wyeast 5733 Pedioce		A DORATORIES	5733 Pediococcus Lactic acid bacteria used in th beers where additional acidity gueuze and other Belgian style which usually increases overal ge time increases. F	is desirable. Often found in beer. High acid producer
Physical state Typ				
Liquid Lar	mbic yeast			
Sedimentation	Final gravi	ity Temperature °C	Fermentation level vol. %	Alc. tolerance vol. %
		15-35	-	9
Taste profile	E	Beer types	Recommended dosage	Packaging
Lactic acid		ruit beer, Lambic, Flanders Red/Brown	PROF	Smackpack
			HOBBY (Specific weight -1000)	BROUWLAND
The duration and conditions of storage as	well as <mark>packaging c</mark> an stron	d for guidance only. Always consult the product's technica gly influence the results. Please check if the product is in e information, see www.brouwland.com or call +32 11 40	tact and in their original packaging or in Brewferm®	www.brouwland.com

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Sample calculation 1

Wort quantity	20 liter
Specific weight	1045
Yeast type	Fermentis T-58
Recommended dose	1 g/10 l/10 SG
Quantity to use	1 x 2,0 x 4,5 = 9 grams

Sample calculation 2

Wort quantity	30 liter
Specific weight	1080
Yeast type	Brewferm Lager
Recommended dose	2 g/10 l/10 SG
Quantity to use	2 x 3,0 x 8,0 = 48 grams

Sample calculation 3

135 liter
14 Plato
Lallemand BRY-97
4 g/hl/°P
4 x 1,35 x 14 = 75 grams



Dosage table for dry top fermentation yeast

Number o	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Qua	antity of	dry yeast	t to be us	sed (in gi	rams)	
1035	9	4	5	7	11	14	18	25	35
1040	10	4	6	8	12	16	20	28	40
1045	11	5	7	9	14	18	23	32	45
1050	13	5	8	10	15	20	25	35	50
1055	14	6	8	11	17	22	28	39	55
1060	15	6	9	12	18	24	30	42	60
1065	16	7	10	13	20	26	33	46	65
1070	18	7	11	14	21	28	35	49	70
1075	19	8	11	15	23	30	38	53	75
1080	20	8	12	16	24	32	40	56	80
1090	23	9	14	18	27	36	45	63	90
1100	25	10	15	20	30	40	50	70	100
	SG 1035 1040 1045 1055 1060 1065 1065 1070 1075 1080 1090	10359104010104511105013105514106015106516107018107519108020109023	SGPlato103591040101040101045111050131055141060151065161070181075191080201090239	SG Plato Qual 1035 9 4 5 1040 10 4 6 1045 11 5 7 1050 13 5 8 1055 14 6 9 1060 15 6 9 1065 16 7 10 1070 18 7 11 1075 19 8 11 1080 20 8 12 1090 23 9 14	SGPlatoQuantity of103594571040104681045115791050135810105514681110601569121065167101310701871114107519811151080208121610902391418	SG Plato Quantity of dry yeast 1035 9 4 5 7 11 1040 10 4 6 8 12 1045 11 5 7 9 14 1050 13 5 8 10 15 1055 14 6 8 11 17 1060 15 6 9 12 18 1065 16 7 10 13 20 1070 18 7 11 14 21 1075 19 8 11 15 23 1080 20 8 12 16 24 1090 23 9 14 18 27	SG Plato Quantity of dry yeast to be used 1035 9 4 5 7 11 14 1040 10 4 6 8 12 16 1045 11 5 7 9 14 18 1050 13 5 8 10 15 20 1055 14 6 8 11 17 22 1060 15 6 9 12 18 24 1065 16 7 10 13 20 26 1070 18 7 11 14 21 28 1075 19 8 11 15 23 30 1080 20 8 12 16 24 32 1090 23 9 14 18 27 36	SG Plato Quantity of dry yeast to be used (in grading of the second of	SGPlatoQuantity of Jry yeast to be used (in grams)1035945711141825104010468121620281045115791418233210501358101520253510551468111722283910601569121824304210651671013202633461070187111421283549107519811152330385310802081216243240561090239141827364563

Rewferm

Dosage table for dry bottom fermentation yeast

Number of	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Qua	antity of o	dry yeast	t to be u	sed (in g	rams)	
1035	9	7	11	14	21	28	35	49	70
1040	10	8	12	16	24	32	40	56	80
1045	11	9	14	18	27	36	45	63	90
1050	13	10	15	20	30	40	50	70	100
1055	14	11	17	22	33	44	55	77	110
1060	15	12	18	24	36	48	60	84	120
1065	16	13	20	26	39	52	65	91	130
1070	18	14	21	28	42	56	70	98	140
1075	19	15	23	30	45	60	75	105	150
1080	20	16	24	32	48	64	80	112	160
1090	23	18	27	36	54	72	90	126	180
1100	25	20	30	40	60	80	100	140	200

Remark: With bottom fermentation yeasts, it is also possible to inoculate at 20°C. In that case, the same dose can be used as for a top fermentation yeast. Once the first signs of fermentation can be seen, it should be cooled back down to fermentation temperature.

Wyeast



Dosage table Wyeast liquid ale yeasts (top fermentation)

Number	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Requ				ls in billic illion cell	ons (10 ⁹) Is	
1035	9	50	75	100	150	200	250	350	500
1040	10	50	75	100	150	200	250	350	500
1045	11	50	75	100	150	200	250	350	500
1050	12	50	75	100	150	200	250	350	500
1055	14	50	75	100	150	200	250	350	500
1060	15	50	75	100	150	200	250	350	500
1065	16	100	150	200	300	400	500	700	1000
1070	17	100	150	200	300	400	500	700	1000
1075	19	100	150	200	300	400	500	700	1000
1080	20	150	225	300	450	600	750	1050	1500
1090	22	150	225	300	450	600	750	1050	1500
1100	25	150	225	300	450	600	750	1050	1500

Brewferm

Dosage table Wyeast liquid ale yeasts (top fermentation)

Number c	of litres ->	10	15	20	30	40	50	70	100
SG	Plato	Req	uired nu	mber of S	Smack P	acks (red	commen	dation W	yeast)
1035	9	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1040	10	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1045	11	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1050	12	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1055	14	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1060	15	0,5	0,8	1,0	1,5	2,0	2,5	3,5	5,0
1065	16	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1070	17	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1075	19	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1080	20	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1090	22	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1100	25	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0

allemand



Dosage table Mr. Malty Wyeast liquid ale yeasts (top fermentation)

Number o	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Requ		ntity of y Ick Pack			ons (10º) Is	
1035	9	66	98	131	197	263	328	459	656
1040	10	75	113	150	225	300	375	525	750
1045	11	84	127	169	253	338	422	591	844
1050	13	94	141	188	281	375	469	656	938
1055	14	103	155	206	309	413	516	722	1031
1060	15	113	169	225	338	450	563	788	1125
1065	16	122	183	244	366	488	609	853	1219
1070	18	131	197	263	394	525	656	919	1313
1075	19	141	211	281	422	563	703	984	1406
1080	20	150	225	300	450	600	750	1050	1500
1090	23	169	253	338	506	675	844	1181	1688
1100	25	188	281	375	563	750	938	1313	1875

Brewferm

Dosage table Mr. Malty Wyeast liquid ale yeasts (top fermentation)

Number	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Require		er of Smao 75 million			ation of	
1035	9	0,7	1,0	1,3	2,0	2,6	3,3	4,6	6,6
1040	10	0,8	1,1	1,5	2,3	3,0	3,8	5,3	7,5
1045	11	0,8	1,3	1,7	2,5	3,4	4,2	5,9	8,4
1050	13	0,9	1,4	1,9	2,8	3,8	4,7	6,6	9,4
1055	14	1,0	1,5	2,1	3,1	4,1	5,2	7,2	10,3
1060	15	1,1	1,7	2,3	3,4	4,5	5,6	7,9	11,3
1065	16	1,2	1,8	2,4	3,7	4,9	6,1	8,5	12,2
1070	18	1,3	2,0	2,6	3,9	5,3	6,6	9,2	13,1
1075	19	1,4	2,1	2,8	4,2	5,6	7,0	9,8	14,1
1080	20	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1090	23	1,7	2,5	3,4	5,1	6,8	8,4	11,8	16,9
1100	25	1,9	2,8	3,8	5,6	7,5	9,4	13,1	18,8

anchiana



Dosage table Wyeast liquid lager and Kölsch yeasts (bottom fermentation)

Number o	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Rec		-		ells in billic billion cell	```	
1035	9	100	150	200	300	400	500	700	1000
1040	10	100	150	200	300	400	500	700	1000
1045	11	100	150	200	300	400	500	700	1000
1050	13	100	150	200	300	400	500	700	1000
1055	14	100	150	200	300	400	500	700	1000
1060	15	100	150	200	300	400	500	700	1000
1065	16	150	225	300	450	600	750	1050	1500
1070	18	150	225	300	450	600	750	1050	1500
1075	19	150	225	300	450	600	750	1050	1500
1080	20	200	300	400	600	800	1000	1400	2000
1090	23	200	300	400	600	800	1000	1400	2000
11	25	200	300	400	600	800	1000	1400	2000

Remark: With bottom fermentation yeasts, it is also possible to inoculate at 20 °C. In that case, the same dose can be used as for a top fermentation yeast. Once the first signs of fermentation can be seen, it should be cooled back down to fermentation temperature.

ermentis

Dosage table Wyeast liquid lager and Kölsch yeasts (bottom fermentation)

Number	of litres ->	10	15	20	30	40	50	70	100
SG	Plato	Req	uired nu	mber of S	Smack P	acks (re	commen	dation W	yeast)
1035	9	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1040	10	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1045	11	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1050	13	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1055	14	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1060	15	1,0	1,5	2,0	3,0	4,0	5,0	7,0	10,0
1065	16	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1070	18	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1075	19	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
1080	20	2,0	3,0	4,0	6,0	8,0	10,0	14,0	20,0
1090	23	2,0	3,0	4,0	6,0	8,0	10,0	14,0	20,0
1100	25	2,0	3,0	4,0	6,0	8,0	10,0	14,0	20,0

Remark: With bottom fermentation yeasts, it is also possible to inoculate at 20 °C. In that case, the same dose can be used as for a top fermentation yeast. Once the first signs of fermentation can be seen, it should be cooled back down to fermentation temperature.



Dosage table Mr. Malty Wyeast liquid lager and Kölsch yeasts (bottom fermentation)

Number	of litres ->	10	15	20	30	40	50	70	100
SG	Plato		Re		quantity of mack Pacl	-			
1035	9	131	197	263	394	525	656	919	1313
1040	10	150	225	300	450	600	750	1050	1500
1045	11	169	253	338	506	675	844	1181	1688
1050	13	188	281	375	563	750	938	1313	1875
1055	14	206	309	413	619	825	1031	1444	2063
1060	15	225	338	450	675	900	1125	1575	2250
1065	16	244	366	488	731	975	1219	1706	2438
1070	18	263	394	525	788	1050	1313	1838	2625
1075	19	281	422	563	844	1125	1406	1969	2813
1080	20	300	450	600	900	1200	1500	2100	3000
1090	23	338	506	675	1013	1350	1688	2363	3375
1100	25	375	563	750	1125	1500	1875	2625	3750

Remark: With bottom fermentation yeasts, it is also possible to inoculate at 20°C. In that case, the same dose can be used as for a top fermentation yeast. Once the first signs of fermentation can be seen, it should be cooled back down to fermentation temperature.

Dosage table Mr. Malty Wyeast liquid lager and Kölsch yeasts (bottom fermentation)

-	Number	of litres ->	10	15	20	30	40	50	70	100
	SG	Plato	Require	d number	of Smacl	< Packs for	or inoculat	ion of 1.5	million ce	ells/ml/°P.
	1035	9	1,3	2,0	2,6	3,9	5,3	6,6	9,2	13,1
	1040	10	1,5	2,3	3,0	4,5	6,0	7,5	10,5	15,0
	1045	11	1,7	2,5	3,4	5,1	6,8	8,4	11,8	16,9
	1050	13	1,9	2,8	3,8	5,6	7,5	9,4	13,1	18,8
	1055	14	2,1	3,1	4,1	6,2	8,3	10,3	14,4	20,6
	1060	15	2,3	3,4	4,5	6,8	9,0	11,3	15,8	22,5
	1065	16	2,4	3,7	4,9	7,3	9,8	12,2	17,1	24,4
	1070	18	2,6	3,9	5,3	7,9	10,5	13,1	18,4	26,3
	1075	19	2,8	4,2	5,6	8,4	11,3	14,1	19,7	28,1
	1080	20	3,0	4,5	6,0	9,0	12,0	15,0	21,0	30,0
	1090	23	3,4	5,1	6,8	10,1	13,5	16,9	23,6	33,8
	1100	25	3,8	5,6	7,5	11,3	15,0	18,8	26,3	37,5

Remark: With bottom fermentation yeasts, it is also possible to inoculate at 20 °C. In that case, the same dose can be used as for a top fermentation yeast. Once the first signs of fermentation can be seen, it should be cooled back down to fermentation temperature.

