							Plant Variety Rights & Protection				Variety produced 2016 in																					
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Admiral		bitter	AD		AD	England	x	x				x					x														
African Queen	J17	dual	AQueen		AFQ	South Africa	x																		x					
Agnus		bitter	AG		AG	Czech Rep.	x					x	x																	
Ahtanum ™	YCR 1	aroma	AH	AHT	AHT	USA - private breeding prog. prop.																			x					
Alpharoma		dual	AA	AAR	AA	New Zealand																			x					
Alta		bitter	ALT		ALT	UKR – public; Res. Inst. of Hop Growing	x																	x						
Amarillo®	VGXP01	aroma	V1	VG1	VG1	USA - private breeding prog. prop.		x	US patent					x											x					
Apollo ™		bitter	AP	APO	APO	USA - private breeding prog. prop.		x	US patent																x					
Aquila		bitter	AQ	AQU	AQU	USA - public UI																			x					
Aramis		aroma	AS		ARS	France		x								x														
Archer®		aroma	ARC		ARC	England				x							x													
Ardeal		bitter	ARD		ARD	Romania													x											
Ariana		aroma	AN		AN	Germany		b.r.						x																
Aroma		aroma	AR		AR	Serbia	x														x									
Astra ™		flavour			AST	Australia - priv. breed. prog. prop. var.				Ellerslie																	x				
Aurora	Super Styrian Aurora	aroma	SSA		SSA	Slovenia	x				x												x							
Azacca ™	ADHA-483	dual	AZ	AZA	AZA	USA - private breeding prog. prop.			US patent																x					
Bačka		aroma	BAC		BAC	Serbia	x														x									
Banner		bitter	BA	BAN	BAN	USA - public UI																			x					
Barbe Rouge		aroma	BBR		BBR	France		b.r.								x														
Belma ™		dual		BEL	BEL	USA - private breeding prog. prop.			US patent																x					
Bitter Gold		dual	BI	BIG	BIG	USA - public USDA																			x					
Boadicea		dual	BO		BO	England		x									x													
Bobek	Styrian Golding Bobek	aroma	SGB		SGB	Slovenia	x																x							
Bohemie		aroma	BOH		BOH	Czech Rep.	x						x																	
Bor		aroma	BOR		BOR	Czech Rep.	x						x																	
Bouclier		aroma	BCL		BCL	France		b.r.								x														
Bramling Cross	OT 48	aroma	OT		OT	England											x						x							
Bravo ™		bitter	BR	BRO	BRO	USA - private breeding prog. prop.		x	US patent																x					
Brewers Gold		bitter	BG	BRG	BG	England						x		x		x			x						x					
Bullion		dual	BU	BUL	BU	England											x								x					
Callista		aroma	CI		CI	Germany		b.r.						x																

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Calypso™		aroma	CP	CPO	CPO	USA - private breeding prog. prop.			US patent																X					
Cascade	Taiheke	aroma	CA	CAS	CAS	USA - public USDA					X	X	X	X			X						X		X		X	X		
Cashmere		aroma	CM	CMR	CMR	USA - public WSU																			X					
Celeia	Styrian Golding Celeia	aroma	SGC		SGC	Slovenia	x				X												X							
Centennial		dual	CN	CEN	CEN	USA - public WSU						X													X		X			
Chelan®	Chelan/Tillicum	bitter	CE	CHE	CHE	USA - private breeding prog. prop.			US patent																X					
Chinook		dual	CH	CHI	CHI	USA - public WSU											X								X			X		
Cicero		aroma			CIC	Slovenia					X																			
Citra®	HBC 394	aroma	CT	CIT	CIT	USA - private breeding prog. prop.			US patent																X					
Cluster		dual	CL	CLU	CLU	USA - public USDA																			X		X			
Columbia	Meridian	aroma	CB	CBA	CBA	USA - public USDA																			X					
Columbus	CTZ	bitter	CS	CBS	CBS	USA - private breeding prog. prop.		x	US patent						X	X									X					
Comet		dual	CO	COM	COM	USA - public USDA								X											X					
Crystal		aroma	CR	CRY	CRY	USA - public USDA																			X					
Dana	Extra Styrian Dana	bitter	ESD		DAN	Slovenia	x	b.r.															X							
Delta™		aroma	DE	DEL	DEL	USA - private breeding prog. prop.			US patent																X					
Denali™		aroma	DN	DEN	DEN	USA - private breeding prog. prop.																			X					
Dr Rudi	Super Alpha	dual	DR		DR	New Zealand																						X		
Early Choice		aroma	EC		EC	England											X													
East Kent Golding	clones Cobbs, Early Bird, Eastwell	aroma	EKG		EKG	England				EU-PDO							X													
Ekuanot™	Equinox, HBC 366	aroma	EQ	EKU	EKU	USA - private breeding prog. prop.			US patent																X					
El Dorado®		dual	ELD	ELD	ELD	USA - private breeding prog. prop.				x															X					
Ella	Stella	flavour	ELL		ELL	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	X			
Endeavour		aroma	EN		EN	England				x							X													
Enigma		flavour	EA		EA	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	X			
Epic		aroma	EP		EP	England											X													
Ernest		aroma	OZ		OZ	England				x							X													
Eroica		bitter	ER	ERO	ERO	USA - public UI																			X					
Eureka!™		aroma	EU	EUR	EU!	USA - private breeding prog. prop.																			X					
Faraon	Фараон	bitter	WR		WR	Russia														X										
Favorit	Фаворит	aroma	WA		WA	Russia														X										
First Gold		dual	FG		FG	England	x	x				X					X													
Flyer		bitter	FL		FL	England				x							X													

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Forward	Форвард	bitter	WO		WO	Russia														x										
Fuggle		aroma	FU	FUG	FU	England										x	x								x			x		
Furano 18		aroma				Japan				Sapporo																			x	
Furano 6		aroma				Japan				Sapporo																			x	
Furano Ace		aroma				Japan	exp.			Sapporo																			x	
Furano Beauty		aroma				Japan				Sapporo																			x	
Furano Beta		aroma				Japan				Sapporo																			x	
Furano Laura		aroma				Japan				Sapporo																			x	
Furano Royal Green		aroma				Japan				Sapporo																			x	
Furano Special		aroma				Japan				Sapporo																			x	
Galaxy		flavour	GY		GY	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x			
Galena		bitter	GA	GAL	GAL	USA - public UI																			x					
Gaydamatskyi		aroma	GAI		GAI	UKR – public; Res. Inst. of Hop Growing	x																	x						
Glacier		aroma	GL	GLC	GLC	USA - public USDA																			x					
Golden Princess	HU ZH-APA1	ornam.	GP		GP	Germany		x						x																
Golden Star		bitter				Japan				Sapporo																			x	
Golding	clones Cobbs, Early Bird, Eastwell, Mathon	aroma	GO	GOL	GO	England						x					x								x			x		
Green Bullet		dual	GB		GB	New Zealand																						x		
Groene Bel		aroma	GRB		GRB	Belgium						x																		
Hallertau Blanc		aroma	HC		HC	Germany		x						x																
Hallertauer Gold		aroma	HG		HG	Germany	exp.							x																
Hallertauer Magnum		bitter	HM	MAG	HM	Germany	x			Germany	x	x		x	x	x		x	x	x			x		x					
Hallertauer Merkur		bitter	MR		MR	Germany	x			Germany exp.		x		x					x											
Hallertauer Mittelfrüher	Hallertauer	aroma	HA	HAL	HA	Germany						x		x											x					
Hallertauer Taurus		bitter	TU		TU	Germany	x			Germany	x			x				x												
Hallertauer Tradition		aroma	HT		HT	Germany	exp.				x			x		x		x	x											
Harmonie		aroma	HR		HR	Czech Rep.	x						x																	
Helga	Southern Hallertau	aroma	HEL		HEL	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x			
Herkules		bitter	HS		HS	Germany		x						x																
Hersbrucker Pure		aroma	HP		HP	Germany	exp.							x																
Hersbrucker Spät		aroma	HE		HE	Germany					x			x																
Horizon		dual	HO	HOR	HOR	USA - public USDA																			x					
Huell Melon		aroma	HN		HN	Germany		x						x																

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Hüller Bitterer		aroma	HU		HU	Germany								x					x											
Idaho 7 ™		aroma		ID7	ID7	USA - private breeding prog. prop.			US patent																x					
Iunga		bitter	IU		IU	Poland	x											x												
Jarrylo ™	ADHA-881	dual	JA	JAR	JAR	USA - private breeding prog. prop.			US patent																x					
Jester®		aroma	JE		JE	England				x							x													
Kaikogane		?				Japan	exp.			Kirin																			x	
Kazbek		aroma	KA		KA	Czech Rep.	x						x																	
Keyworths Early		aroma	OJ		OJ	England											x													
Keyworths Midseason		aroma	OR		OR	England											x													
Kirin No 2		?				Japan	exp.			Kirin																			x	
Klon-18		aroma	K-18		K18	UKR – public; Scient. Test Stat. Hop Growing	x																	x						
Kohatu		aroma	KH		KH	New Zealand	x																					x		
Lemondrop ™		aroma	LD	LDP	LDP	USA - private breeding prog. prop.		x	US patent																x					
Liberty		aroma	LI	LIB	LIB	USA - public USDA																			x			x		
Little Star		aroma				Japan				Sapporo																			x	
Lomik		aroma	LO		LO	Poland												x												
Loral ™	HBC 291	dual		LOR	LOR	USA - private breeding prog. prop.			US patent																x					
Lubelski	Lublin, Lublelski	aroma	LU		LU	Poland												x												
Magnat		bitter	MG		MG	Poland	x											x												
Malling		aroma	ML		ML	England					x																			
Mandarina Bavaria		aroma	MB		MB	Germany		x						x																
Marco Polo		bitter				China				Xinjiang Sapporo																				x
Marynka		aroma	MA		MA	Poland						x						x												
Melba ™		flavour	MEL		MEL	Australia - priv. breed. prog. prop. var.				Ellerslie																	x			
Meridian		aroma		MER	MER	USA - private breeding prog. prop.			?																x					
Millenium		bitter	MM	MLM	MLM	USA - private breeding prog. prop.			US patent																x					
Minstrel®		aroma	MI		MI	England				x							x													
Mistral		aroma	MTL		MTL	France		b.r.								x														
Monroe		aroma	MN		MN	Germany - private breeding prog. prop.	b.r.							x																
Mosaic®	HBC 369	aroma	MO	MOS	MOS	USA - private breeding prog. prop.			US patent																x					
Motueka	Saaz B	aroma	MK		MK	New Zealand																						x		
Moutere	Brooklyn	bitter	BN		ME	New Zealand	x																					x		
Mt. Hood		aroma	MH	MTH	MTH	USA - public USDA																			x					

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Mt. Rainier		aroma	MTR	MTR	MTR	USA - public USDA																			X					
Nanbuwase		?				Japan	exp.			Asahi																			X	
National	Natsionalnyi	aroma	NAT		NAT	UKR – private breeding prog. prop.	x																	X						
Nelson Sauvin		dual	NS		NS	New Zealand	x																					X		
Newport		bitter	NP	NWP	NWP	USA - public USDA																		X	X					
Northern Brewer		aroma	NB	NBR	NB	England						X		X		X									X					
Nugget		bitter	NU	NUG	NUG	USA - public USDA						X		X	X	X								X	X					
Oktawia		bitter	OK		OK	Poland	exp.											X												
Olicana®		aroma	OA		OA	England				x							X													
Olympic		bitter	OC	OLC	OLC	USA - public WSU																			X					
Opal		aroma	OL		OL	Germany	x			Germany	X	X		X																
Outeniqua		bitter	OTQ		OTQ	South Africa	exp.																			X				
Pacific Gem		bitter	PG		PG	New Zealand																						X		
Pacific Jade		dual	PJ		PJ	New Zealand	X																					X		
Pacifica	Pacific Hallertau	aroma	PC		PC	New Zealand	x																					X		
Palisade®	YCR 4	aroma	Y4	PAL	PAL	USA - private breeding prog. prop.			US patent																X					
Pandora ™		flavour			PAN	Australia - priv. breed. prog. prop. var.				Ellerslie																	X			
Pekko ™	ADHA-871	dual	PK	PEK	PEK	USA - private breeding prog. prop.			US patent																X					
Perle		aroma	PE	PER	PE	Germany	exp.				X	X		X	X			X	X						X					
Phoenix		bitter	PH		PH	England	exp.	exp.				X					X													
Pilgrim		bitter	PM		PM	England		x				X					X													
Pilot		bitter	PT		PT	England		x									X													
Pioneer		bitter	PI		PI	England	x	x				X					X													
Podvyzny	Подвязный	bitter	PW		PW	Russia														X										
Polaris		dual	PA		PA	Germany		x						X																
Poliskyi		bitter	POL		POL	UKR – public; Res. Inst. of Hop Growing	x																	X							
Premiant		aroma	PR		PR	Czech Rep.	x						X									X								
Pride of Ringwood		bitter	POR		POR	Australia																					X			
Progress		aroma	PRO		PRO	England											X													
Promin		bitter	PROM		PRM	UKR – public; Res. Inst. of Hop Growing	x																	X							
Puławski		aroma	PU		PU	Poland	x											X												
Qingdao dahua	Tsingdao Flower	bitter				China																								X
Rakau		dual	RK		RK	New Zealand																						X		

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Ranny	**Ранний**	**aroma**	**RA**		**RA**	Russia														**x**										
Record		**bitter**	**RE**		**RE**	Belgium						**x**		**x**																
Relax		**aroma**	**RX**		**RX**	Germany		**x**						**x**																
Riwaka	**Saaz D**	**aroma**	**RW**		**RW**	New Zealand																						**x**		
Robusta		**aroma**	**RO**		**RO**	Serbia	**x**														**x**									
Rottenburger Spät		**aroma**	**RR**		**RR**	Germany								**x**																
Rubin		**bitter**	**RU**		**RU**	Czech Rep.	**x**						**x**																	
SA-1		**aroma**				China				Xinjiang Sapporo																			**x**	**x**
Saaz		**aroma**	**SA**	**SAZ**	**SA**	Czech Rep.						**x**	**x**	**x**								**x**			**x**					
Saaz Late		**aroma**	**SAL**		**SAL**	Czech Rep.	**x**						**x**																	
Saaz Special		**aroma**	**SAS**		**SAS**	Czech Rep., private breeding prog. prop.	**x**						**x**																	
Santiam		**aroma**	**SN**	**SNT**	**SNT**	USA - public USDA																			**x**					
Saphir		**aroma**	**SR**		**SR**	Germany	**x**			Germany	**x**	**x**		**x**																
SAST-1		**aroma**				China				Xinjiang Sapporo																				**x**
SAST-2		**aroma**				China				Xinjiang Sapporo																				**x**
SAST-3		**aroma**				China				Xinjiang Sapporo																				**x**
Satus®	**YCR 7**	**bitter**	**Y7**	**SAT**	**SAT**	USA - private breeding prog. prop.																			**x**					
Savinjski Golding	**Styrian Savinjski Golding**	**aroma**	**SSG**		**SSG**	Slovenia	**x**				**x**	**x**				**x**							**x**					**x**		
Serebrianka		**aroma**		**SEK**	**SEK**	Russia - public																			**x**					
Shinsyu Wase		**bitter**				Japan				Sapporo																			**x**	
Simcoe®	**YCR 14**	**dual**	**SI**	**SIM**	**SIM**	USA - private breeding prog. prop.			US patent																**x**					
Sinsyu Wase		**bitter**				Japan				Asahi, Suntory																			**x**	
Sladek		**aroma**	**SL**		**SL**	Czech Rep.	**x**						**x**																	
Slavianka		**aroma**	**SLA**		**SLA**	UKR – public; Res. Inst. of Hop Growing	**x**																	**x**						
Smaragd		**aroma**	**SD**		**SD**	Germany	**x**					**x**		**x**																
Sonnet ™		**aroma**		**SON**	**SON**	USA - private breeding prog. prop.			US patent																**x**					
Sorachi Ace		**dual**	**SOR**	**SOR**	**SOR**	Japan	**exp.**			Sapporo		**x**													**x**				**x**	
Southern Aroma		**aroma**	**SAroma**		**SAR**	South Africa	**x**																			**x**				
Southern Cross		**dual**	**SX**		**SX**	New Zealand	**x**																					**x**		
Southern Dawn		**bitter**	**SDAWN**		**SDA**	South Africa	**2030**																			**x**				
Southern Passion		**flavour**	**SPassion**		**SPA**	South Africa	**x**																			**x**				
Southern Promise		**dual**	**SPROM**		**SPR**	South Africa	**exp.**																			**x**				
Southern Star		**bitter**	**SSTAR**		**SST**	South Africa	**2022**																			**x**				

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Sovereign		aroma	SO		SO	England		x									x													
Spalter		aroma	SP	SPL	SP	Germany								x											x					
Spalter Select	Spalt Select	aroma	SE		SE	Germany	exp.				x	x		x													x			
Starovolynskyi aromatychnyi		aroma	STA		STA	UKR – public; Doskoch Ivan Mykhailovych	x																	x					
Sterling		aroma	ST	STR	STR	USA - public USDA																			x					
Sticklebract		bitter	SB		SB	New Zealand																						x		
Strisselspalter	Strissel Spalt	aroma	FSP	SSP	FSP	France										x									x					
Styrian Cardinal ™		dual	CAR		CAR	Slovenia		b.r.															x							
Styrian Eagle		dual	EAG		EAG	Slovenia		b.r.															x							
Styrian Eureka		dual	EUR		EUR	Slovenia		b.r.															x							
Styrian Gold		aroma	STG		STG	Slovenia		x															x							
Styrian Wolf ™		dual	WLF		WLF	Slovenia		b.r.															x							
Summer		flavour	SU		SU	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x				
Summit ™		bitter	SU	SUM	SUM	USA - private breeding prog. prop.		x	US patent																x					
Super Galena ™		bitter	SG	SGA	SGA	USA - private breeding prog. prop.		x	US patent																x					
Super Pride		bitter	SUP		SUP	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x			
Sussex Hop		aroma	SH		SH	England											x													
Sybilla		aroma	SY		SY	Poland	exp.											x												
Tahoma		aroma	TA	TAH	TAH	USA - public WSU																			x					
Talisman		bitter	TN	TLN	TLN	USA - public UI																			x					
Teamaker		aroma	TM	TMK	TMK	USA - public USDA																			x					
Tettnanger		aroma	TE	TET	TE	Germany					x	x		x											x					
Tillicum®	Tillicum/Chelan	bitter		TIL	TIL	USA - private breeding prog. prop.			US patent																x					
Tomahawk®	F10, CTZ	bitter	TK	TOM	TOM	USA - private breeding prog. prop.			US patent																x					
Topaz		flavour	TO		TO	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x				
Toyomodori		dual	K4		K4	Japan											x													
Transsilvania Romanian Aroma		aroma	TAR		TAR	Romania													x											
Triple Pearl		aroma	TR	TRP	TRP	USA - public USDA																			x					
Triskel		aroma	TL		TKL	France		b.r.								x														
Triumf		aroma	TF		TF	UKR – public; SP Prod. amalg., A.-P.-Service	x																	x					
Triumph	USDA NUG-033	dual		TRI	TRI	USA - public USDA																			x					
Ukrainskyi aromatychnyi		aroma	UA		UA	UKR – public; Doskoch Ivan Mykhailovych	x																	x					
Ultra		aroma	UL	ULT	ULT	USA - public USDA																			x					

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Vanguard		aroma	VA	VAN	VAN	USA - public WSU																			X					
Victoria Secret		flavour	VS		VS	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	X			
Vital		bitter	VIT		VIT	Czech Rep.	x						X																	
Wai-iti		aroma	WT		WT	New Zealand	x																					X		
Waimea		bitter	WA		WA	New Zealand	x																					X		
Wakatu	NZ Hallertau	aroma	WK		WK	New Zealand																						X		
Warrior®	YCR 5	dual	Y5	WAR	WAR	USA - private breeding prog. prop.			US patent																X					
Whitbreads Golding Variety	WGV	aroma	WGV		WGV	England						X					X													
Willamette		aroma	WI	WIL	WIL	USA - public USDA																			X		X	X		
Wye Challenger		dual	WCH		WCH	England						X				X	X											X		
Wye Northdown		bitter	NO		NO	England											X													
Wye Target		bitter	TA		TA	England						X		X		X	X													
Yakima Gold		aroma	YG	YKG	YKG	USA - public WSU																			X					
Yeoman		aroma	YE		YE	England						X																		
Zagrava		aroma	ZAG		ZAG	UKR – public; Res. Inst. of Hop Growing	x																	X						
Zeus	CTZ	bitter	ZE	ZEU	ZEU	USA - private breeding prog. prop.																			X					
Zlato Polissia		aroma	ZLP		ZLP	UKR – public; SP Prod. amalg., A.-P.-Service	x																	X						
Zmina		bitter	ZMI		ZMI	UKR – public; Res. Inst. of Hop Growing	x																	X						
											15	31	13	36	4	16	33	12	8	6	3	2	13	15	80	7	17	24	17	6