SPU	#11					Yell	ow C	Sypre	ess		Mar	itime	)	1 - 1	100r	n						
								В	reedi	ing a	nd or	char	d pro	ducti	on	_			,			
Program o	atea	nrv· Δ	dvan	nced-	aener	ation										Seed	dling	need	(milli	on):	1.3	
riogramie	alcy	лу. <del>А</del>	avai		gener	ation										filena	me:	11 Cy N	1 all Sep	t 2017.x	lsx	
STRATEG	Y		Clonal (clonal	testing I) for se	using c ed orcha	uttings f ard proc	rom fan luction a	nilies se and an a	elected i advance	in a vari ed gene	ety of fir ration bi	st gene eeding	ration te populat	ests. Te ion.	sts of g	rafted p	arents	for wood	l durabi	lity. For	ward se	lections
TRAITS			Prima	ary:	Stem	volum	e			Seco	ndary:		Wood	quali	ty, ster	n form	I					
TESTING /	AND						F	Produc	tion Y	ear (Ju	uly 1 to	June	30) (	Cone	harves	st year	show	'n)				
PRODUCT Parents in		env t	'17 99tr	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31	'32	'33	'34	'35	'36
Open pollin.	prog	city t	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
Polycross			8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
F1			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
F2 F3																						
Productio	n fore	ecast	(milli	ion pl	lantab	All rc	oted	cutting	gs													
Vegetative prod WFP (SFC)	1.:		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
			0.0															0.0				
FLNRO (CLRS)			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
						The	e MFLN	NRO ma	anages	a yello	w cypr	ess heo	dge orc	hard a	t thier	Skimiki	in site	]				
								to pi	rovide	non-se	lect (cla	ass B) s	cion fo	or inter	ior use							
Estimated	gain	in pri	imary	/ trait																		
WFP (SFC)			20%	20%	22%	22%	22%	24%	24%	24%	24%	24%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%
FLNRO (CLRS)			20%	20%	20%	20%	22%	22%	22%	24%	24%	24%	24%	26%	26%	26%	26%	26%	26%	26%	26%	26%
Total Produc	ction		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total gain			20%	20%	21%	21%	22%	23%	23%	24%	24%	24%	25%	26%	26%	26%	26%	26%	26%	26%	26%	26%
					Feti	mato	d ho	dao-	orch	ard o	nain e	and r	aradı	uctio	n							
					Loui	nate	une	SPU	11 Yo	ага <u>с</u> с М 1-	1100r	n n	Jioui	uctio								
1.6	1																			Γ	30%	
1.4	1 —																			<u> </u>	25%	
<b>5</b> <sup>1.2</sup>	1								·											-	20%	
	]																				15%	
<b>Se</b> 0.6																				-	100/	3%
Ĕ 0.4	-																			Γ	10%	
0.2	-																			Ē	5%	
0	·10	'11 '13	2 '13	'14	'15 '16	, '17	'18 '1	19 '20	'21	'22 '2	3 '24	'25 '3	26 '27	'28	'29 '3	0 '31	'32	'33 '34	35	'36	0%	
		12	_ 10	.,		,			Pro	2	- –⊣ on Yea		/	20		2 01	52					
					orecast	cutting p	orod.			– Estima	ated nee	d		- — - Fo	orecast	GW (prir	mary tra	ait)				
	The abo	ve forer	casts a	re base	d on or	chard st	atus se	ed inve	ntories	and see	ed use a	s of .lur	ne, the v	ear of r	ublicati	on, and	are su	biect to a	change	Refer	to	
the	e seed F	lanning	and R	egistry	System	(SPAR)	) or con	tact the	orchard	d manag	per for c	urrent s	eed inve	entories	. Conta	ct the F	orest li	nproven	nent an	d Resea	arch	
Mgt	. Branch	n, Minist	try of F	orests,	Lands, I	Natural	Resour	ce Oper	ations a	and Rur	al Deve	opmen	t, to con	firm dat	ta if use	d for sil	vicultu	re or timb	per-sup	ply plan	ining.	

11 Cy M all Sept 2017.xlsx		Yellow Cypress Maritime 1 - 1100m								
			Conse	rvation S	Seed Orchar	ds Seedling Us	е			
GENETIC CONS	ERVATION	STATUS								
				Con	servation stat	tistics				
				001	Seed plar	nning unit (SPU) area	5,007,196	ha		
					Area	protected within SPU	598,235	ha		
	Estimat	od appotic ros	onvoc with >	5000 maturo t	Percentage o	f SPU area protected	12%			
	Confirm	ned genetic rea	eserves with	>5000 mature	trees based on t	forest inventory data	40			
		Ū								
				Co	nservation st	atus				
					Current in-	situ protection status:	Very well protect	ed		
			Probabilit	y of maintainii population siz	ng > 3 protected ze given natural	disturbance regimes:	Verv hiah			
				<u></u>	E (					
					For further inforr	nation visit http://www.g	enetics.forestry.ubc.	ca/cfgc/		
RCHARD STA	TUS	Number	Maaa	H of body o	¢ of horders	<b>T</b>	To see the state of the se	1		
location	number	of parents	BV	# or nedge trees currently		steckling production	production (mm/yr)			
	- مام	04	000/	established	planned	per ramet at maturity	at full production			
/FP (SFC)	nedge hedge	49	20%	3,035 2,881	3,035 2,881	70 70	0.21	Hedge Hedge		
LNRO (Saanich)	800/803	75	20%	3,550	3,550	70	0.25	Hedge		
				# ramets	Planned # ramet	ts		-		
/FP (SFC)	191	44	17%	87	112			Orchard; currently inactive		
			Total ramets	9,553	9,578	Total production	0.66	]		
eed and Nursery	/ Factors		alding and duct	lan nan ramat	<u></u>	Estimate of Requir	ed Orchard Capa	city		
	Expected ann	uai average ste	cking product	ion per ramet =	00	Planne	d over-production f	factor NA		
			Cutting re	covery factor =	0.80	Demotorie	Ramets req	uired NA		
						Ramets required with over-capacity NA Projected necessary expansion NA				
EEDLING USE	AND SEED	IN STORAC	3E R (2013 - 20 rage	017)	1.3 0.0	million				
Stillated years		Seed in Sto	lage		0.0	years				
	Se	edling Use T	rend - 1995 t	o 2017		s	Seed in Storage by	y GW class		
2						0.03				
1.8	$\land$									
ජී 1.4	$\rightarrow$	•	*			g 0.02	No Class A avialable at t	his time		
	/					eedlii \star				
	•	<b>_</b>								
			/							
0.2	┍┥┝	_   <b>∩'</b>	, []	<u> </u>	$\Pi - \Pi - \Pi - \Pi - \Pi$	46 1				
0 2003 200	04 2005 2006	2007 2008 20	<mark>며, 며, 니</mark> 09 2010 2011	2012 2013 20	014 2015 2016 2	017 0				
			Sowing year				∠ GW for arowth in s	4 stem volume		
Sup	erior provenance (	(mm)C	Drchard (mm)	Total seed	dling use (mm)					
Notes: - Seedling use d - Sowing year: 7	lata include 1/2 Aug 1 to July 31	of adjacent overl (i.e. 2017 sowin	ap zones, wher g year starts Au	e applicable Ig 1, 2017)		Notes: - "Reserve" and "Ava Registry System (Si - Class A = seed orch- Class B = wild stand - Genetic Wroth (GW) wood volume availal	ailable" seed in the S PAR) are included. ard; Class B+ = superi seed. for growth means the ole at rotation compare	Seed Planning and or provenance; projected additional ed to using Class B seed.		
The abo	ove forecasts ar	e based on orch	ard status, see	d inventories and	d seed use as of Ju	ine, the year of publication	, and are subject to ch	hange. Refer to		
the seed	Planning and R	egistry System (	SPAR) or conta	ct the orchard m	anager for current	seed inventories. Contact	the Forest Improveme	ent and Research		
Mgt. Branc	h, Ministry of Fo	orests, Lands, Na	atural Resource	Operations and	Rural Developmer	nt, to confirm data if used f	or silviculture or timbe	er-supply planning.		