

# Timber Sale Appraisal Corner Pocket

Sale Fg-341-2020-W00229-01

District: Forest Grove Date: September 11, 2019

# **Cost Summary**

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,515,315.20	\$0.00	\$1,515,315.20
		Project Work:	\$0.00
		Advertised Value:	\$1,515,315.20



District: Forest Grove Date: September 11, 2019

## **Timber Description**

Location: Portions of Sections 28 and 29, T3N, R5W, W.M., Washington County, Oregon

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	32	0	98

Volume by Grade	2\$	3S & 4S 6"- 11"	Total	
Douglas - Fir	2,929	207	3,136	
Total	2,929	207	3,136	

**Comments:** Pond Values Used: Local Pond Values, July 2019.

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost: \$750.05/MBF = \$936/MBF - \$185.95/MBF

Western hemlock and other conifers Stumpage Price = Pond Value minus Logging Cost: \$352.05/MBF = \$538/MBF - \$185.95/MBF

Red alder and other hardwood Stumpage Price = Pond Value minus Logging Cost: \$374.05/MBF = \$560/MBF - \$185.95/MBF

BRANDING AND PAINTING COST ALLOWANCE =\$2.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE
Hauling costs equivalent to \$950 daily truck cost.

Other Costs (with Profit & Risk to be added): None

Other Costs (No Profit & Risk added):
Machine Time to Block/Waterbar Roads,and Skid Trails:
20 hours x \$150/hour = \$3,000
Machine Time to Pile Landing Slash:
10 hours x \$150/hour = \$1,500
Equipment Cleaning: 3 pieces x \$1,000/Piece = \$3,000
Slash Treatment: 35 acres x \$200/acre = \$7,000
Snag Creation by Gridling: 50 trees x \$20 = \$1,000
TOTAL Other Costs (No Profit & Risk added) = \$15,500

### **ROAD MAINTENANCE**

Move-in: \$4,000

General Road Maintenance: 1.6 miles x \$1,200/mile = \$1,920 TOTAL Road Maintenance: \$5,920/3,136 MBF = \$1.89/MBF

9/11/19



District: Forest Grove Date: September 11, 2019

## **Logging Conditions**

Combination#: 1 Douglas - Fir 100.00%

**Logging System:** Shovel **Process:** Feller Buncher

yarding distance: Medium (800 ft) downhill yarding: No

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 10 bd. ft / load: 3850

cost / mbf: \$91.90

machines: Feller Buncher w/ Delimber



Date: September 11, 2019

**District: Forest Grove** 

## **Logging Costs**

**Operating Seasons:** 1.00

Profit Risk: 12%

Project Costs: \$0.00

Other Costs (P/R): \$0.00

Slash Disposal: \$0.00

**Other Costs:** \$15,500.00

### Miles of Road

Road Maintenance:

\$1.89

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

## **Hauling Costs**

Species	\$/MBF	Trips/Day	MBF / Load	
Douglas - Fir	\$0.00	3.0	5.0	



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# **Logging Costs Breakdown**

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas -	Fir								
\$91.90	\$1.93	\$1.40	\$64.60	\$0.00	\$19.18	\$0.00	\$2.00	\$4.94	\$185.95

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$669.15	\$483.20	\$0.00



District: Forest Grove Date: September 11, 2019

## **Summary**

### Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00

### Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,136	\$483.20	\$1,515,315.20

## **Gross Timber Sale Value**

**Recovery:** \$1,515,315.20

Prepared By: Adrian Torres Phone: 503-359-7460

# CRUISE REPORT Corner Pocket FG-341-2020-W00229-01

**1. LOCATION:** Portions of Sections 28 and 29, T3N, R5W, W.M., Washington County, Oregon.

### 2. CRUISE DESIGN:

Pre-cruise evaluation indicated that the stand's average DBH is approximately 22.5 inches and the coefficient of variation is about 56%. For sales of this size and approximate value, ODF cruise standards require a sampling error of 9% at a 68% confidence level, and a minimum sample size of 100 graded trees. The cruise design chosen for this sale is a variable radius sample plot using a 40 BAF prism.

#### 3. SAMPLING METHOD:

The Timber Sale Area was sampled in July, 2019 with 22 variable radius grade plots using a 40 BAF prism. Plots were laid out on a 5 chain x 5 chain grid for the Timber Sale Area. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

### 4. CRUISE RESULTS:

113 trees were measured and graded producing a cumulative Sampling Error of 5.2% on the Douglas-fir basal area and 5.7% for the Douglas-fir board foot volume.

### 5. TREE MEASUREMENT AND GRADING:

All sample trees were measured and graded following Columbia River Log Scale grade rules and favored 40 foot segments.

- a) Height Standards: Total tree heights were measured to the nearest foot. Bole heights were calculated to a top DIB of six inches (or 25% of DBH, whichever is larger) for conifers.
- b) **Diameter Standards:** Diameters were measured outside bark at breast height to the nearest inch.
- c) Form Factors: Measured for each grade tree using a form point of 16 feet.

### 5. DATA PROCESSING:

- a) Volumes and Statistics: Cruise estimates and sampling statistics were derived from Super Ace 2008 cruise software.
- b) **Deductions:** The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted.
- **6. CRUISERS:** The sale was cruised by ODF cruisers Mark Savage and Adrian Torres.

Prepared by:	Adrian Torres	07/18/2019
,	,	Date
Reviewed by:	MI 12	8/14/2019
	Mark Savage	Date

TC PSTATS											PAGE 1 DATE 7/24/2019		
WP Ŗ	GE	SC	TRACT	ŋ	<b>TYPE</b>		AC	CRES	PLOTS	TREES	CuFt	BdFt	
03N 05 03N 05	w	19 19	00A1 00A2		OMC OMC			56.00	22	113	S	W	
						TREES		ESTIMATED TOTAL		PERCENT SAMPLE			
		F	PLOTS	TREES	ı	PER PLO	Г	TREES		TREES			
TOTAL			22	113	***********	5.1					Λ	1	
CRUISE DBH CO REFORE COUNT BLANKS 100 %	UNT		22.	113		5.1		2,216		5.1	A	rea l	
10070					STAI	ND SUM	MARY						
		SA	MPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET	
			TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC	
DOUG FI	IR		111	36.6	31.8	156	35.8	201.8	57,407	57,138	10,864	10,864	
WHEML	OCK		1	2.7	11.0	79	0.5	1.8	189	189	44	44	
NOB FIR	:		1	.3	34.0	159	0.3	1.8	547	538	98	98	
TOTAL			113	39.6	30.8	150	37,0	205.4	58,143	57,865	11,006	11,006	
CL 68	68.			ΉE SAMPL ΓOF 100 TF			LE TREE	HIN THE SAM		OR FOF TREES	REO	INF. POP.	
	1.0		VAR.%	S.E.%	LC	)W	AVG	HIGH	,,	5	10	15	
DOUG FI WHEML	IR OCK		36.4	3.4		,656	1,715	1,774					
NOB FIR	•		37.5	3.5	$I_{i}$	,642	1,702	1,762		56	14	6	
TOTAL				3.5	1	<u> </u>							
TOTAL CL 68	3.1		37.5 COEFF VAR.%		·	<u> </u>	1,702 L <b>e tree</b> AVG		#	56 FOF TREES 5		6 INF. POP.	
CL 68 SD: 1 DOUG FI WHEML	3.1 1.0 IR OCK		COEFF	3.5 S.E.% 3.1	·	SAMPI	LE TREE	S - CF	Á	OF TREES	REQ.	INF. POP.	
CL 68 SD: 1 DOUG FI WHEMLO NOB FIR	3.1 1.0 IR OCK	<b>W</b>	COEFF VAR.%	S.E.%	LC	SAMPI OW	LE TREE	S - CF HIGH	#	OF TREES	REQ.	INF. POP.	
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CL 68 SD: 1 DOUG FI WHEMLE NOB FIR TOTAL CL 68 SD: 1	3.1 I.0 IR OCK 3.1		COEFF VAR.% 32.3 33.5 COEFF VAR.%	S.E.% 3.1 3.1 S.E.%	LC	SAMPI OW 313 310 TREES	AVG 323 320 5/ACRE AVG	8 - CF HIGH 333 330 HIGH		FOF TREES 5	REQ. 10	INF. POP. 15	
CL 68 SD: 1 DOUG FI WHEMLO NOB FIR TOTAL CL 68 SD: 1 DOUG FI	3.1 I.0 IR OCK 3.1 I.0		COEFF VAR.% 32.3 33.5 COEFF VAR.% 30.9	S.E.% 3.1 3.1 S.E.% 6.7	LC	SAMPI DW 313 310 TREES	320 320 3/ACRE AVG 37	8 - CF HIGH 333 330 HIGH 39		OF TREES 5 45 45 FOR PLOTS	REQ. 10	INF. POP. 15 5 INF. POP.	
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CL 68 SD: 1 DOUG FI WHEMLO NOB FIR TOTAL CL 68 SD: 1 DOUG FI WHEMLO NOB FIR	3.1 I.0 IR OCK 3.1 I.0 IR OCK		33.5 COEFF VAR.% 30.9 469.0 469.0	S.E.% 3.1  S.E.% 6.7 102.2 102.2	LC	310 310 TREES DW 34	320 327 328 320 37 37 3 0	8 - CF HIGH 333 330 HIGH 39 5 1		45 45 FOF PLOTS 5	REQ. 10 11 REQ. 10	INF. POP. 15 5 INF. POP. 15	
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TC PS	FATS			P	ROJEC PROJEC	T STAT	ISTICS RNPOW			PAGE DATE	<b>2</b> 7/24/2019
TWP	RGE	SC	TRACT	TYPE		A	CRES	PLOTS	TREES	CuFt	BdFt
03N 03N	05 05W	19 19	00A1 00A2	00MC 00MC			56.00	22	113	S	W
CL	68.1		COEFF		NET	CUFT FT/	ACRE		# OF PLOT	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
NOB	FIR		469.0	102.2		98	199				
тот	AL		25.3	5.5	10,399	11,006	11,614		27	7	3

.

тс	PSPCSTGR		$\mathbf{S}_{ ext{l}}$	pecies,	Sort G	rade - Boar	d Fo	ot Ve	olume	es (P	roject	()							
ı	3N R05W S19 3N R05W S19	•		45.00 11.00		Project: Acres	C	DRNF 56.0	POWC	)						Page Date Time	7/:	1 24/20 :34:0	19 5AM
	0	%	D.I.E.	4 4		T					oot Volu					Avera			Logs
Spp	S So Gr Trt ad	Net BdFt	Ba. Fi Def%	t. per Acre Gross	Net	Total Net MBF	4-5		<u>ile Dia.</u> 12-16		12-20	Log L		26.00	Ln Ft	Dia In	Ba Ft	CF/	Per /Acre
DF DF	CU 2M	93	.5	53,600	53,357	2,988	4-3	0-11	13	87	12-20	0	1	99	8	24 19		0.00	.6 80.9
DF	3M	6	,6	3,475	3,454 326	193		86 100	2	12	2 49	5 14	3	90 8	38	9	117	1.01 0.58	29.5 9.3
DF DF	4M Totals	99	1.7	57,407	57,138	3,200		6	13	82	0	14	1	98	38		475	2.40	120.3
WH	3M	100		189	189	11		100						100	40	7	70	0.41	2.7
WH	Totals	0		189	189	11		100						100	40	7	70	0.41	2.7
NF NF	2M 3M	90 10	1.7	496 51	487 51	27 3		100		100				100 100	40 40			3.68 1.31	.6 .3
NF	Totals	1	1.6	547	538	30		9		91				100	40	18	633	2.89	.8
Tota	ls		0.5	58,143	57,865	3,240		6	12	82	0	1	1,	98	38	16	467	2.35	123.8

.

TC PLOGSTVB	Log Stock Table - MBF	
T03N R05W S19 Ty00MC 45 T03N R05W S19 Ty00MC 11		Page 1 Date 7/24/2019 Time 9:34:04AM

S	So Gr	Log		Def Net	%		I	Net Vol	ume by	Scalin	g Diam	eter in l	Inches	т			
Spp T		Len	MBF	% MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40-
DF	2N	[ 28	14	14	.4										14		
DF	2N	32	15	15	.5										15		
DF	2M	1 36	3	3	.1						3						
DF	2M	I 40	2,969	2,956	92.4						93	196	631	1088	878	70	
DF	3M	16	1	1	.0					1							
DF	3M	18	2	2	.1					1	1						
DF	3M	I 19	1	101	.0					1							
DF	3M	20	1	1	.0				1								
DF	3M	21	1	1	.0				1								
DF	l	24	2	2	.0				2								
DF	3M		ŀ	1	0,					1							
DF	•	27		1	.0				1								
DF	3M		l .	4	.1				3	1							
DF	3M		1	İ	.0			1									
DF	3M		Į.	3	.1			1	1								
DF	3M		<b>[</b>	4	.1			4									
DF	3M			2	.0					2							
DF	3M	37		1	.0			1									
DF	3M			10	.3			5	5								
DF	3M			5	.1			3	2								
DF	3M	40	157	156	4.9			10	52	67	3			8		16	
DF	4M	12	1	1	.0			0	1								
DF	4M	13	1	1	.0			0	0								
DF	4M	14	2	2	.1			0	1								
DF	4M	16	2	2	.0				2								
DF	4M	17	2	2	.1				2								
DF	4M	18	1	1	.0				1					1			
DF	4M	20	1	1	.0				1								
DF	4M	22	1	1	.0				1								
DF	4M	30	1	1	.0			1									
DF	4M	33	3	11.0 3	.1			3									
DF	4M	. 34	1	1	.0			1									
DF	4M	35	1	1	.0			1									
DF	4M	36	1	1	.0			1									
DF	Totals		3,215	3,200	98.7			36	75	73	100	196	631	1096	907	86	
WH	3M	40	11	11	100.0			11									

TC F	LO	GSTVB					Log	Stock	Table	e - MB	F							
		05W S19 05W S19	-		5.00 1.00		Proj Acre		co	RNPO\ 56	WO .00				Page Date Time		2 4/2019 34:04A	M
	s	So Gr	Log	Gross	Def	Net	%		)	Net Vol	ame by	Scaling Dia	meter in	Inches				
Spp	Т	rt de	Len	1	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11 12-13	14-15	16-19	20-23	24-29	30-39	40+
WH	┪	Tota	ls	11		11	.3			11								
NF	┪	2N	1 40	28	1.7	27	90.5							10		18		
NF	İ	3N	Л 40	3		3	9.5					3						
NF		Tota	ls	31	1.6	30	.9					3		10		18		
Total		All Spec	ies	3,256		3,240	100.0			46	75	76 100	196	640	1096	924	86	

TC PSTNDSUM		Stand Table Summary	Page 1 Date: 7/24/2019
T03N R05W S19 Ty00MC	45.00	Project CORNPOWO	Time: 9:32:50AM
		Acres 45.00	Grown Year:

S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Averag Net Cu.Ft.	ge Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF	24	3	89	139	2.122	6.67	6.37	51.6	233.3	9.36	328	1,485	421	148	67
DF	25	2	89	140	1.304	4.44	3.91	55.0	255.0	6.13	215	997	276	97	45
DF	27	4	90	148	2.236	8.89	6.71	69.3	350.0	13.24	464	2,347	596	209	106
DF	28	10	89	149	5.197	22.22	16.11	71.1	353.9	32,64	1,145	5,701	1,469	515	257
DF	29	8	89	151	3.876	17.78	12.60	74.0	380.0	26.55	932	4,787	1,195	419	215
DF	30	9	89	150	4.074	20.00	12.22	85.5	438.1	29.77	1,045	5,356	1,340	470	241
DF	31	3	89	154	1.272	6.67	3.82	94.7	500.0	10.30	361	1,908	464	163	86
DF	32	11	88	152	4.377	24.44	13.13	97.8	506.7	36,59	1,284	6,653	1,646	578	299
DF	33	9	89	153	3,367	20.00	10.85	98.9	517.9	30.58	1,073	5,620	1,376	483	253
DF	34	8	89	159	2.820	17.78	9.16	107.1	590.4	27.96	981	5,410	1,258	442	243
DF	35	9	87	162	2.993	20.00	10.31	106.4	587.1	31.26	1,097	6,053	1,407	494	272
DF	36	4	88	164	1.258	8.89	4.72	106.2	594.0	14.27	501	2,801	642	225	126
DF	37	2	88	180	.595	4.44	2.38	113.0	650.0	7.66	269	1,548	345	121	70
DF	38	5	86	173	1.411	11.11	5.36	119,2	670.0	18.21	639	3,592	819	287	162
DF	39	2	87	179	.536	4.44	2.14	124.0	710.0	7.57	266	1,522	341	120	68
DF	40	1	87	181	.255	2.22	1.02	134.2	755.0	3.90	137	769	175	62	35
DF	42	1	87	170	.231	2.22	.92	140.0	805.0	3.69	129	744	166	58	33
DF	Totals	91	89	154	37.922	202.22	121.73	89.3	470.7	309.66	10,865	57,292	13,935	4,889	2,578
NF	34	1	88	159	.352	2.22	1.06	115.7	633.3	2.94	122	670	132	55	30
NF	Totals	1	88	159	.352	2.22	1.06	115.7	633.3	2.94	122	670	132	55	30
WH	11	1	90	79	3.367	2.22	3.37	16.3	70.0	1.75	55	236	79	25	11
WH	Totals	1	90	79	3.367	2.22	3.37	16.3	70.0	1.75	55	236	79	25	11
Totals		93	89	148	41.642	206.67	126.15	87.5	461.3	314,35	11,042	58,197	14,146	4,969	2,619

TC PSTA	rs				DJECT ROJECT		STICS RNPOW			PAGE DATE	1 7/24/2019
rwp F	RGE	SC TRACT		TYPE		AC	CRES	PLOTS	TREES	CuFt	BdFt
03N 0:	5	19 00A1		00MC			45.00	18	93	S	W
					TREES		ESTIMATED TOTAL		ERCENT SAMPLE		
		PLOTS	TREES		PER PLOT	Γ	TREES		TREES		
TOTAL		18	93		5.2					- /	١
CRUISE DBH CO REFORI COUNT BLANK 100 %	DUNT EST	18	93		5.2		1,874		5.0	F	trea
				STA	AND SUM	MARY					
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG F	-TR	91	37.9	31.3	154	36.2	202.2	57,557	57,292	10,865	10,865
WHEMI	LOCK	1	3.4	11.0	79	0.7	2.2	236	236	55	
NOB FI		1	.4	34.0	159	0.4	2.2	680	670	122	
TOTAL	,	93	41.6	30.2	148	37.6	206.7	58,473	58,197	11,042	11,042
CL 6	68. 8.1	1 TIMES OU  COEFF	T OF 100 T	HE VOLU		. BE WITI LE TREE:	HIN THE SAM 		OR OF TREES	REO.	INF. POP.
	1.0	VAR.%	S.E.%	I	LOW	AVG	HIGH	·	5	10	1:
DOUG I WHEMI NOB FII	IR LOCK	34.5	3.6		1,579	1,638	1,697				
TOTAL	,	35.9	3.7		1,564	1,624	1,684		51	13	
CL 6	8.1	COEFF			SAMPI	E TREE	S - CF	#	OF TREES	REQ.	INF. POP.
	1.0	VAR.%	S.E.%	I	OW	AVG	HIGH		5	10	1:
DOUG FINANCE FILE	LOCK	29.1	3.0		298	307	316				
TOTAL	,	<i>30.7</i>			295	304	314		<i>38</i>	9	4
		30.7	3.2		2,0	50.					
CL 6	8.1	COEFF	3.2		TREES		١	#	OF PLOTS	-	INF. POP.
CL 6 SD:			3.2 S.E.%	I				#	OF PLOTS 5	-	INF. POP.
	1.0	COEFF VAR.% 30.4	S.E.% 7.4	I	TREES	/ACRE	HIGH 41	#		REQ.	
SD: DOUG I WHEMI	1.0 FIR LOCK	COEFF VAR.% 30.4 424.3	S.E.% 7.4 102.8	I	TREES LOW	AVG 38 3	HIGH 41 7	#		REQ.	
SD: DOUG F WHEMI NOB FII	1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3	S.E.% 7.4 102.8 102.8	I	TREES LOW 35	38 3 0	HIGH 41 7 1	#	5	REQ. 10	1:
SD: DOUG I WHEMI	1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2	S.E.% 7.4 102.8	I	TREES LOW 35	AVG 38 3 0 42	HIGH 41 7 1 46		75	REQ. 10	1;
SD:  DOUG F WHEMI NOB FII TOTAL	1.0 FIR LOCK R ,	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF	S.E.% 7.4 102.8 102.8 10.2		TREES OW 35  37  BASAL	ACRE AVG 38 3 0 42 AREA/A	HIGH 41 7 1 46		5 75 OF PLOTS	REQ. 10	1: INF. POP.
SD:  DOUG F WHEMI NOB FII TOTAL  CL 6 SD:	1.0 FIR LOCK R 8.1 1.0	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.%	S.E.% 7.4 102.8 102.8 10.2 S.E.%		TREES  OW  35  37  BASAL  OW	ACRE AVG 38 3 0 42 AREA/A AVG	HIGH 41 7 1 46 CRE HIGH		75	REQ. 10	1;
DOUG FOUND FOR SD:  DOUG FOUND	1.0 FIR LOCK R 8.1 1.0	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3		TREES OW 35  37  BASAL	38 3 0 42 AREA/A AVG 202	HIGH  41  7  1  46  CCRE  HIGH  215		5 75 OF PLOTS	REQ. 10	1: INF. POP.
DOUG FOR TOTAL  CL 6 SD:  DOUG FOR TOTAL  CL 6 SD:  DOUG FOR TOTAL	1.0 FIR LOCK R 8.1 1.0 FIR LOCK	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8		TREES  OW  35  37  BASAL  OW	38 3 0 42 AREA/A AVG 202 2	HIGH  41  7  1  46  CCRE  HIGH  215  5		5 75 OF PLOTS	REQ. 10	1: INF. POP.
DOUG FOR WHEMING FIRE TOTAL	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 422.2 COEFF VAR.% 25.8 424.3 424.3	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8 102.8		TREES _OW	AVG 202 2 2	HIGH  41  7  1  46  CRE  HIGH  215  5  5		5  75  OF PLOTS 5	REQ. 10	1: INF. POP.
SD: DOUG F WHEMI NOB FII TOTAL CL 6 SD: DOUG F WHEMI NOB FII TOTAL	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8		TREES _OW	38 38 3 0 42 AREA/A AVG 202 2 2 207	HIGH  41  7  1  46  CCRE  HIGH  215  5	#	5  75  OF PLOTS 5	REQ. 10 19 REQ. 10	1: INF. POP. 1:
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF	S.E.%  7.4 102.8 102.8 10.2  S.E.%  6.3 102.8 102.8 6.3	I	TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE	HIGH  41  7  1  46  CRE  HIGH  215  5  5  220	#	75 OF PLOTS 5	19 REQ. 10 7 REQ.	INF. POP.
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD:	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R ,	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.%	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8 102.8 6.3 S.E.%	I	TREES _OW	ACRE AVG  38  3  0  42  AREA/A  AVG  202  2  2  2  7  F/ACRE  AVG	HIGH  41  7  1  46  CRE  HIGH  215  5  220  HIGH	#	5  75  OF PLOTS 5	REQ. 10 19 REQ. 10	1: INF. POP. 1:
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R 4.1	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.% 28.3	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8 102.8 6.3 S.E.% 6.9	I	TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE AVG 57,292	HIGH 41 7 1 46 CCRE HIGH 215 5 5 220 HIGH 61,219	#	75 OF PLOTS 5	19 REQ. 10 7 REQ.	INF. POP.
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R 4.1 1.0	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.%	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8 102.8 6.3 S.E.% 6.9 102.8	I	TREES _OW	ACRE AVG  38  3  0  42  AREA/A  AVG  202  2  2  2  7  F/ACRE  AVG	HIGH 41 7 1 46 CCRE HIGH 215 5 5 220 HIGH 61,219 478	#	75 OF PLOTS 5	19 REQ. 10 7 REQ.	INF. POP.
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.% 28.3 424.3	S.E.% 7.4 102.8 102.8 10.2 S.E.% 6.3 102.8 102.8 6.3 S.E.% 6.9	I	TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE AVG 57,292 236	HIGH 41 7 1 46 CCRE HIGH 215 5 5 220 HIGH 61,219	#	75 OF PLOTS 5	19 REQ. 10 7 REQ.	INF. POP.
SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R , 8.1 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.% 28.3 424.3 424.3 424.3	S.E.%  7.4 102.8 102.8 10.2  S.E.% 6.3 102.8 102.8 6.3  S.E.% 6.9 102.8 102.8	I	TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE AVG 57,292 236 670 58,197	HIGH  41  7  1  46  CRE  HIGH  215  5  220  HIGH  61,219  478  1,358  62,201	#	5 75 OF PLOTS 5 28 OF PLOTS 5	REQ. 10  19  REQ. 10  7  REQ. 10	1: INF. POP. 1: INF. POP. 1:
DOUG FOR WHEMING FILE OF THE PROPERTY OF THE P	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.% 28.3 424.3 424.3 424.3 424.3	S.E.%  7.4 102.8 102.8 10.2  S.E.%  6.3 102.8 102.8 6.3  S.E.% 6.9 102.8 102.8 102.8	I I	TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE AVG 57,292 236 670 58,197 UFT FT/A	HIGH 41 7 1 46 CCRE HIGH 215 5 5 220 HIGH 61,219 478 1,358 62,201	#	5 75 OF PLOTS 5 28 OF PLOTS 5	REO. 10  19  REO. 10  7  REO. 10  9  REO.	INF. POP.  IS  INF. POP.  IS
DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL  CL 6 SD: DOUG F WHEMI NOB FII TOTAL	1.0 FIR LOCK R 8.1 1.0 FIR LOCK R 8.1 1.0 FIR LOCK R	COEFF VAR.% 30.4 424.3 424.3 42.2 COEFF VAR.% 25.8 424.3 424.3 25.9 COEFF VAR.% 28.3 424.3 424.3 424.3	S.E.%  7.4 102.8 102.8 10.2  S.E.% 6.3 102.8 102.8 6.3  S.E.% 6.9 102.8 102.8		TREES _OW	ACRE AVG 38 3 0 42 AREA/A AVG 202 2 2 207 F/ACRE AVG 57,292 236 670 58,197	HIGH  41  7  1  46  CRE  HIGH  215  5  220  HIGH  61,219  478  1,358  62,201	#	5 75 OF PLOTS 5 28 OF PLOTS 5	REQ. 10  19  REQ. 10  7  REQ. 10	1: INF. POP. 1: INF. POP. 1:

TC PS	FATS				PROJEC' PROJECT		ISTICS RNPOW	· · · · · ·		PAGE DATE	<b>2</b> 7/24/2019
TWP	RGE	SC	TRACT	ТҮР	E	A	CRES	PLOTS	TREES	CuFt	BdFt
03N	05	19	00A1	00Me	C		45.00	18	93	S	W
CL	68.1		COEFF		NET	CUFT FT/	ACRE		# OF PLOT	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
NOB	FIR		424.3	102.8		122	248				_
тот	AL		27.1	6.6	10,318	11,042	11,767		31	8	3

Т0:	3N R05W S19	9 Ty00N	ИC	45.00		Project: Acres	CORN 45.		0						Page Date Time	7/	1 24/20 :32:4	
		%				<u> </u>	Percent o	Net B	oard F	oot Volu	ıme			l	Avera	ige Lo	g	Logs
Spp	S So Gr Trtad	Net BdFt	Bd. F Def%	t. per Acre Gross	e Net	Total Net MBF	Log Sc 4-5 6-11	ale Dia 12-16		12-20	Log L 21-30			ł	Dia In	Bd Ft	CF/ Lf	Per /Acre
DF DF DF	2M 3M 4M	93 6 1	.5 .3 2.1	54,054 3,168 336	53,805 3,158 329	2,421 142 15	98 100	13 2	87	1 37	4 17	5 37	100 90 9	<del>                                     </del>	19 8 7	657 103		81.9 30.′ 9.
DF	Totals	98	.5	57,557	57,292	2,578	6	13	81	0	0	0	99	38	16	471	2.34	121.
WH	3M	100		236	236	11	100						100	40	7	70	0.41	3.4
WH	Totals	0		236	236	11	100						100	40	7	70	0.41	3.4
NF NF	2M 3M	90 10	1.7	617 63	606 63	27	100		100				100 100	40 40	22 11	860 180		
NF	Totals	1	1.6	680	670	30	9		91				100	40	18	633	2.89	1.
Tota	ls		0.5	58,473	58,197	2,619	6	13	81	0	0	0	99	38	15	461	2.29	126.2

 TC PLOGSTVB
 Log Stock Table - MBF

 T03N R05W S19 Ty00MC
 45.00
 Project: CORNPOWO Acres
 CORNPOWO 45.00
 Date 7/24/2019 Time 9:32:48AM

																7 1111	9:.	32:48A	X IVI
	s	So Gr	Log		Def	Net	%			Net Vo	ume b	y Scalir	ıg Diar	neter in	Inches			ı	
Spp	T	rt de	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		2N	1 40	2,432		2,421	93.9						61	189	500	932	721	19	
DF	ſ	3N	1 19	1		1	.0					]	l						
DF	-	3N	1 20	1		1	.0				1								
DF		3N	1 21	1		1	.0				1								
DF		3M	1 24	2		2	.1				2								
DF		3N	1 26	1		1	.0					] 1	l			1			
DF		3N	1 27	1		1	.0				1								
DF		3N	1 28	2		2	.1				2								
DF		3N	1 34	3		3	.1			1	1								
DF		3N	1 35	4		4	.2			4									
DF		3N	1 37	1		1	.1			1									
DF		3N	1 38	10		10	.4			5	5								
DF		3M	1 39	5		5	.2			3	2								
DF		3N	1 40	112		112	4.3			8	49	52	2 3						····
DF		4N	1 12	1		1	.0			0	1								
DF		4N	1 13	1		1	.0			0	0								
DF		4N	1 14	1		1	.0			0	1								
DF		4M	1 16	0		0	.0				0								
DF		4N	1 17	2		2	.1				2								
DF		4N	1 22	1		1	.0				1								
DF		4N	1 30	1		1	.0			1									
DF		4M	1 33	3	11.0	3	.1			3									
DF	-	4N	1 34	1		1	.1			1									
DF	ĺ	4M	1 35	1		1	.1			1									
DF		4M	1 36	1		1	.1			1									
DF		Total	s	2,590		2,578	98.4			32	68	54	65	189	500	932	721	19	
WH		3N	1 40	11		11	100.0			11									
WH		Total	s	11		11				11									
NF		2N	1 40	28	1.7	27	90.5								10		18		
NF		3M	1 40	3		3	9.5					3	3						
NF		Total	s	31	1.6	30	1.2					3	} 		10		18		
Total	T	All Speci	ies	2,631		2,619	100.0			43	68	56	65	189	510	932	739	19	

	PSTNDS								Summai				Page Date:	1 7/24/20	
T03N	R05W S	319 Ty00N	ИC	11.0	00		Project Acres	et C	ORNPO 11.0				Time: Grown Year:	9:33:3 :	0AM
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Averag Net Cu.Ft.	ge Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Γotals Cunits	мвғ
DF	22	1	88	153	3.788	10.00	11.36	46.4	220.0	15.04	528	2,500	165	58	28
DF	29	1	88	186	2.180	10.00	8.72	69.1	367.5	17.17	602	3,205	189	66	35
DF	30	1	86	158	2.037	10.00	6.11	86.4	426.7	15.04	528	2,608	165	58	29
DF	32	2	86	161	3.581	20.00	12.53	86.9	445.7	31.04	1,089	5,586	341	120	61
DF	33	3	85	173	5.051	30.00	18.52	89.5	458.2	47.22	1,657	8,485	519	182	93
DF	34	2	84	168	3.172	20.00	11.10	97.4	498.6	30.82	1,081	5,535	339	119	61
DF	35	1	83	163	1.497	10.00	5.99	89.0	452.5	15.19	533	2,709	167	59	30
DF	37	1	84	154	1.339	10.00	4.02	111.5	613.3	12.76	448	2,464	140	49	27
DF	38	2	84	168	2.539	20.00	10.16	107.5	571.2	31.11	1,092	5,803	342	120	64
DF	39	1	84	173	1.205	10.00	4.82	116.6	640.0	16.03	562	3,086	176	62	34
DF	40	1	81	1	1.146	10.00	4.58	120.4	635.0	15.72	552	2,911	173	61	32
DF	43	1	84	184	.992	10.00	3.97	148.9	837.5	16.83	591	3,322	185	65	37
DF	45	1	82	- 1	.905	10.00	2.72	179.8	856.7	13.92		2,327	153	54	26
DF	46	1	81	172	.866	10.00	3.47	157.8	850.0	15.59	547	2,946	172	60	32
DF	47	1	81	174	.830	10.00	3.32	168.7	910.0	15.97	560	3,021	176	62	33

97.5

97.5

507.3

507.3

DF

Totals

Totais

20

20

85 166

85 166

31.130 200.00 111.39

31.130 200.00 111.39

309.45 10,858 56,508

309.45 10,858 56,508

1,194

1,194

622

622

3,404

3,404

TC PS	TATS					JECT DJECT		STICS RNPOW			PAGE DATE	1 7/24/2019
ГWР	RGE	SC	TRACT	T	YPE		AC	CRES	PLOTS	TREES	CuFt	BdFt
03N	05	19	00A2	(	0MC			11.00	4	20	S	W
						EDEEG		ESTIMATED		ERCENT		
		,	PLOTS	TREES	E	TREES ER PLOT	r	TOTAL TREES		SAMPLE TREES		
TOT	A F		4	20		5.0	. ****	TREED	1,	TRUSES		
CRU			4	20		5.0		342		5.8	Λ	
DBH	COUNT										HV	rea
	OREST										, 1	
COU												
BLA 100 9												
					STAN	D SUM	MARY					
		SA	AMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
			TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
	IG FIR		20	31.1	34.3	166	34.1	200.0	56,790	56,508	10,858	10,858
тот	AL		20	31.1	34.3	166	34.1	200.0	56,790	56,508	10,858	10,858
CL	68.1		COEFF	1 Or 100 II	IE VOLUM		LE TREE	HIN THE SAN S - BF		OF TREES	REQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LC		AVG	HIGH		5	10	15
	IG FIR		36.9	8.5		,892	2,067	2,242		57	1.6	2
тот	AL		36.9	8.5	Ι,	892	2,067	2,242		57	14	6
CL	68.1		COEFF	0.534	1.0		E TREE		#	OF TREES	-	INF. POP.
SD:	1.0 G FIR		VAR.% 34.5	S.E.% 7.9	LC	363	AVG 394	HIGH 426		5	10	15
TOT			34.5	7.9		363	394	426		50	13	6
CL	68.1		COEFF			TREES	/ACRE		#	OF PLOTS	REO.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LC		AVG	HIGH		5	10	15
	IG FIR		36.9	21.1		25	31	38				
TOT	'AL		36.9	21.1		25	31	38		71	18	8
	68.1		COEFF				AREA/A		#	OF PLOTS	-	INF. POP.
	1.0		VAR.%	S.E.%	LC	)W	AVG	HIGH		5	10	15
TOT	IG FIR `A.L		16.3 16.3	9.3 9.3		181 <i>181</i>	200 200	219 219		14	3	2
				7.5					ш			
	68.1 1.0		COEFF VAR.%	S.E.%		M Melbi	F/ACRE AVG	HIGH	#	OF PLOTS	keu. 10	INF, POP.
	G FIR		17.1	9.8			56,508	62,025		<u></u>	10	10
тот			17.1	9.8	50,		56,508	62,025		15	4	2
CL	68.1		COEFF			NET CI	UFT FT/A	ACRE	#	OF PLOTS	REQ.	INF. POP.
	1.0		VAR.%	S.E.%	LO	W	AVG	HIGH		5	10	15
	IG FIR		18.4	10.5		-	10,858	11,999		10	٠	•
TOT	'AL		18.4	10.5	9,	717	10,858	11,999		18	4	2

TC	TC PSPCSTGR Species, Sort Grade - Board Foot Volumes (Project)																		
T03N R05W S19 Ty00MC 11.00						Project: Acres	•	CORNI 11.0		)						Page Date Time	7/	1 24/20 :33:2	94M
		%					] ]	Percent of	Net Bo	oard F	oot Volu	ıme				Avera	ige Lo	g	Logs
	S So Gr	Net	Bd. F	t. per Acre	;	Total		Log Sc	ale Dia			Log Le	ngth		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	4-	5 6-11	12-16	17+	12-20	21-30 3	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	CU														8	24		0.00	3.0
DF	2M	91	.4	51,743	51,524	56	7		13	87		2	3	95	40	19	672	3.16	76.7
DF	3M	8	1.3	4,732	4,669	5	1	52	2	47	4	6		89	35	10	191	1.37	24.5
DF	4M	1		315	315		3	100			100				16	8	31	0.61	10.2
DF	Totals	100	.5	56,790	56,508	62	2	5	12	84	1	3	2	94	36	17	494	2.67	114,4
Tota	ils		0.5	56,790	56,508	62	2	5	12	84	1	3.	2	94	36	17	494	2.67	114.4

TC PLOGSTVB	Log Stock Table - MBF	
T03N R05W S19 Ty00MC 11.00	Project: CORNPOWO Acres 11.00	Page 1 Date 7/24/2019 Time 9:33:29AM

	s	So Gr	Log	Gross	Def	Net	%		1	let Vol	ıme by	Scalin	g Dian	eter in	(nches				
Spp	T		Len		%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		2N	1 28	14		14	2.3										14		
DF		2N	1 32	15		15	2.4										15		
DF		2N	<b>4</b> 36	3		3	.5						3						
DF		2N	4 40	537		535	86.0						31	8	131	156	157	52	
DF		3N	1 16	1		1	.1					1							
DF	İ	3N	1 18	2		2	.3					1	1						
DF		3N	1 28	2		2	.3				1	1							
DF		3N	1 30	1		I	.2			1									
DF		3N	1 36	2		2	.3					2							
DF		3N	40	45	1.6	44	7.1			3	3	15				8		16	
DF		4N	1 12	0		0	.1				0								
DF		4N	1 14	1		1	.1				1								
DF		4N	1 16	1		1	.2				1								
DF		4N	1 18	1		1	.1				1								
DF		4N	1 20	1		1	.1				1								
DF		Total	s	625		622	100.0			4	7	19	35	8	131	164	186	68	
Total		All Spec	ies	625		622	100.0			4	7	19	35	8	131	164	186	68	

TC PSTNDSUM	Stand Table Summary	Page Date:	1 7/24/2019
T03N R05W S19 Ty00MC 45.00	Project CORNPOWO	Time:	9:34:06AM .
T03N R05W S19 Ty00MC 11.00	Acres 56.00	Grown Year:	

S Spe T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Averag Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	мвг
DF	22	1	88	153	.744	1.96	2.23	46.4	220.0	2.95	104	491	165	58	28
DF	24	3	89	139	1.705	5.36	5.12	51.6	233.3	7.52	264	1,194	421	148	67
DF	25	2	89	140	1.048	3.57	3.14	55.0	255.0	4.92	173	801	276	97	45
DF	27	4	90		1.796	7.14	5.39	69.3	350.0	10.64	373	1,886	596	209	106
DF	28	10	89	149	4.176	17.86	12.95	71.1	353,9	26.22	920	4,581	1,469	515	257
DF	29	9	89	156	3.543	16.25	11.83	73.3	378.2	24.71	867	4,476	1,384	486	251
DF	30	10	89	151	3.674	18.04	11.02	85.6	436.9	26.88	943	4,816	1,505	528	270
DF	31	3	89	154	1.022	5.36	3.07	94.7	500.0	8.28	290	1,533	464	163	86
DF	32	13	88	153	4.220	23.57	13.01	95.7	495.1	35.50	1,246	6,443	1,988	697	361
DF	33	12	88	158	3.698	21.96	12.36	96.1	500.3	33.84	1,188	6,183	1,895	665	346
DF	34	10	88	161	2.889	18.21	9.54	104.9	569.4	28.53	1,001	5,435	1,597	560	304
DF	35	10	87	162	2.699	18.04	9.46	104.2	570.4	28.10	986	5,396	1,574	552	302
DF	36	4	88	164	1.011	7.14	3.79	106.2	594.0	11.46	402	2,251	642	225	126
DF	37	3	87	170	.741	5.54	2.70	112.5	639.3	8.67	304	1,728	485	170	97
DF	38	7	85	172	1.632	12.86	6.30	115.5	638.7	20.74	728	4,026	1,161	408	225
DF	39	3	86	177	.667	5.54	2.67	121.4	685.2	9.23	324	1,829	517	181	102
DF	40	2	84	175	.430	3.75	1.72	127.0	692.1	6.22	218	1,190	348	122	67
DF	42	1	87		.186	1.79	.74	140.0	805.0	2.96	104	598	166	58	33
DF	43	1	84	184	.195	1.96	.78	148.9	837.5	3.31	116	653	185	65	37
DF	45	1	82	144	.178	1.96	.53	179.8	856.7	2.73	96	457	153	54	26
DF	46	1	81		.170	1.96	.68	157.8	850.0	3.06	107	579	172	60	32
DF	47	1	81	174	.163	1.96	.65	168.7	910.0	3.14	110	593	176	62	33
DF	Totals	111	88	156	36.588	201.79	119.70	90.8	477.4	309.62	10,864	57,138	17,339	6,084	3,200
NF	34	1	88	159	.283	1.79	.85	115.7	633.3	2.36	98	538	132	55	30
NF	Totals	1	88	159	.283	1.79	.85	115.7	633.3	2,36	98	538	132	55	30
WH	11	1	90	79	2.706	1.79	2.71	16.3	70.0	1.41	44	189	79	25	11
WH	Totals	1	90	79	2.706	1.79	2.71	16.3	70.0	1.41	44	189	79	25	11
Totals		113	88	150	39.577	205.36	123.25	89.3	469.5	313.39	11,006	57,865	17,550	6,163	3,240

# TIMBER SALE SUMMARY Corner Pocket Contract No. FG-341-2020-W00229-01

- 1. <u>Location</u>: Portions of Section 28, T3N, R5W, W.M., Washington County, Oregon.
- 2. <u>Type of Sale</u>: This Timber Sale is 56 net acres of Modified Clearcut comprised of two areas. The timber will be sold on a recovery basis at a sealed bid auction.
- 3. Revenue Distribution: 100% BOF; 100% Washington County.
- **4.** <u>Sale Acreage</u>: Acres are net of stream buffers and road prisms. Acreage was determined using ESRI ArcMap GIS software.
- **5.** <u>Cruise</u>: The Timber Sale was cruised by ODF Cruisers in July of 2019. For more information see Cruise Report.
- **6.** <u>Timber Description</u>: The Timber Sale Area consists of a well-stocked 88 year old Douglas-fir stand with minor amounts of western hemlock and noble fir. The stand has an average of 205 ft<sup>2</sup> of basal area (all species), an average Douglas-fir DBH of 32 inches, and an estimated average net Douglas-fir volume of approximately 56 MBF per acre.
- 7. <u>Topography and Logging Method</u>: Slopes within the Timber Sale Area ranges from 2% to 35% and variable in southern aspect. The Timber Sale is 100% ground-based yarding. The average horizontal skid trail length is approximately 600 feet and the maximum is approximately 980 feet.
- 8. Access: Travel from Forest Grove on Highway 8 to its junction with Highway 6. Turn left and travel west approximately 3.5 miles to Timber Road. Turn right, proceed north on Timber Road approximately 6.5 miles and turn onto Cochran Road. Continue west on Cochran Road for 1.8 miles. Turn right on Ingersoll Road and through a STATE gate. In 0.7 miles you will arrive at Area 2. Continue for 0.27 miles to Area 1.

### **VOLUME SUMMARY**

### Volumes in MBF Corner Pocket FG-341-2020-W00229-01

## July 2019

### AREA 1: MC (45 ACRES)

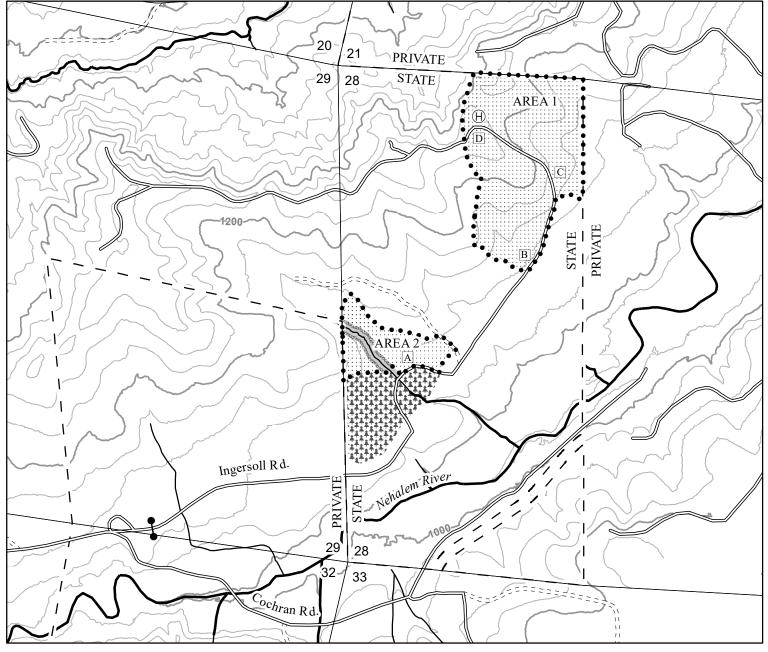
SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
	Cruise Volume	2,421	142	15	2,578
Dougloo fir	Hidden D&B (2%)	(48)	(3)	(0)	(51)
Douglas-fir	NET TOTAL	2,373	139	15	2,527
	% of Total	94	5	1	

## AREA 2: MC (11 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
	Cruise Volume	567	51	3	621
Douglas-fir	Hidden D&B (2%)	(11)	(1)	(0)	(12)
Douglas-III	NET TOTAL	556	50	3	609
	% of Total	91	8	1	

### **SALE TOTAL**

SPECIES	2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	2,929	189	18	3,136
Total	2,929	189	18	3,136



### Legend

• • • • Timber Sale Boundary

Stream Buffer Boundary

ODF Ownership Boundary

Surfaced Roads

= = = = Unsurfaced Roads

Type-F Stream

Type-N Stream

Stream Buffer

Tractor Landing

Green Tree Retention Area

Helispot

● Gate

Section Lines

— 40 Foot Contour Band

— 200 Foot Contour Band

## **LOGGING PLAN**

FOR TIMBER SALE CONTRACT # FG-341-2020-W00229-01 CORNER POCKET PORTIONS OF SECTIONS 28 & 29, T3N, R5W, W.M., WASHINGTON COUNTY, OREGON

> Forest Grove District GIS July, 2019

This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:12,000 1 inch = 1,000 feet





### APPROXIMATE NET ACRES

	TRACTOR	CABLE
AREA 1 AREA 2	45 11	0
TOTAL	56	0