

3 STREAMS FARM TRIAL INTAKE DATA for 10 GOATS & 1 STEER, in one 2 hr offering-period per day, with unlimited 24 hr late-cut 1 ^s -cut hay.																			
* SAME INTAKE DATA RE-ORDERED by Goat & Steer PREFERENCES, alongsde NUTRITIONAL DATA per TREE/SHRUB Specie-group FOLLOWS.																			
Day code	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERED STEER	LBS. EATEN in 2 hrs. STEER									
T1A	#37	MOFGA Black Cherry (Gedo packed) 3/10 speed	07/25/23	07/25/23	56	8.5	6		5	4									
T2A	#37	MOFGA Black Cherry (Gedo packed) 3/10 speed	07/25/23	07/25/23	56	17	14		8	4.5									
!A	#37	MOFGA Black Cherry (Gedo packed) 3/10 speed	07/25/23	07/25/23	56	18	23		3.75	7.25									
!A	#7	MOFGA Black Cherry, wilted and beaten	06/30/23	06/30/23	65	16			5										
3A	#7	MOFGA Black Cherry, wilted and beaten	06/30/23	06/30/23	65	29.25	22.5		10	8.75									
3A	#39	MOFGA Black Cherry, topped with Quaking Aspen	07/26/23	07/26/23	42.75	5		6	1.5										
5A	#39	MOFGA Black Cherry, topped with Quaking Aspen	07/26/23	07/26/23	42.75	22	23.75	3	(6 to goat	8									
5A	#3	MOFGA Black Cherry, possible snails	06/26/23	06/27/23	49	12													
T1B	#3	MOFGA Black Cherry, possible snails	06/26/23	06/27/23	49	32	21.5	(not left)	5	2.25									
T3B	#8	MOFGA Black Cherry, a bit wilted	06/30/23	06/30/23	51.25	9.25	7		7	2.75									
T4B	#8	MOFGA Black Cherry, a bit wilted	06/30/23	06/30/23	51.25	20.5	18.5		12.75	7.75									
3B	#11	MOFGA Black Cherry, from 4 th 100 ft. stretch (with hav	07/05/23	07/06/23	40.5	23.75	18.25	1.25	8.5	6.5									
4B	#12	MOFGA Black Cherry	07/05/23	07/06/23	50.75	28.5	19.75	5	11.5	7									
5B	#12	MOFGA Black Cherry	07/05/23	07/06/23	50.75	10.5	36.25	5.5	(end barrel)										
5B	#4	MOFGA Black Cherry, possible snails	06/26/23	06/27/23	50	38.75			13	7									
T1C	#9	MOFGA Black Cherry, possible snails (Andres ran, pa	06/30/23	07/01/23	57	22	15.5	4.5	14.5	11.5									
T2C	bkt#	MOFGA ½ Black Cherry (mouldy at top; above ash)	07/01/23	07/01/23	12.75	0			4.75										
T2C	bkt#	YKF Black Cherry 2022	09/29/22	09/29/22	11.25	9	15.25	5.75	0										
T2C	bkt#	MOFGA Black Cherry “same as barrel #7”	06/30/23	06/30/23	13.5	13.5			0										
T3C	#9	MOFGA Black Cherry, possible snails (Andres ran, pa	06/30/23	07/01/23	57	0			3.5	8.5									
3C	bkt#	MOFGA Black Cherry (& Apple, took as sample. Moldy	07/01/23	07/01/23		0			5.25										
3C	#9	MOFGA Black Cherry, possible snails (Andres ran, pa	06/30/23	07/01/23	57	10.5	8		3										
5C	#46	YKF Black Cherry, 1 tree (next to taller maple) 1½ hrs.	09/02/23	09/02/23	43	25.5	17.5	4.5	14.25	9.25									
6C	#46	YKF Black Cherry, 1 tree (next to taller maple) 1½ hrs.	09/02/23	09/02/23	43	0		4	1.25	9.75									
6C	2022	YKF Black Cherry 2022	09/30/22	10/01/22	61.5	27.25	21.75		11.25										
7C	2022	YKF Black Cherry 2022	09/30/22	10/01/22	61.5	15	17	2.75	6.75	6									
7C	bkt#	YKF WW Way Black Cherry, bucket	10/11/23	10/12/23		1.5			1.5	1.25									
7C	bkt#	MOFGA Black Cherry, bucket	06/27/23	06/27/23		7			0										
				Cherry, Ave eaten 2 hrs:			17.97059	Ave eaten 2 hrs:			6.58824								
						Maxim	36.25		Maximum	11.5									
							10 goats			steer									

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Day code	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERED STEER	LBS. EATEN in 2 hrs. STEER										
T3A	#12 FV	FVF Red Oak, round 30 gal. barrel	10/09/23	10/09/23	48.75	16.5	15		9	8.75										
3A	#12	FVF Red Oak, round 30 gal. barrel	10/09/23	10/09/23	48.75	13.25	14.75	0.25	6.25	5.25										
3A	#3	2022 Laufer's Red Oak	10/04/22	10/06/22	63	3			1											
6A	#3	2022 Laufer's Red Oak	10/04/22	10/06/22	63	21	15.75	0.75	(6.75 put	2.25										
7A	#3 ('22)	2022 Laufer's Red Oak	10/04/22	10/06/22	63	12	9.25		8	7										
1B	#4 ('22)	Laufer's Red Oak ¾ full	10/04/22	10/06/22	34.5	11.25	14.25		8.75	8.25										
2B	#4 ('22)	Laufer's Red Oak ¾ full	10/04/22	10/06/22	34.5	(end barrel)			5.5	5										
6B	#4 FV	FVF Red Oak, round 30 gal. barrel	09/28/23	09/29/23	50.5	12.5	8.5	1	6.5	5										
7B	#4 FV	FVF Red Oak, round 30 gal. barrel	09/28/23	09/29/23	50.5	11	7	2.75	21.5	17.5										
T2C	bkt#	Laufer's Red Oak 2022	10/04/22	10/06/22	10.75	9.5	8	0.75	1.25											
T2C	bkt#	YKF Red Oak, Wentworth Way coppice	10/11/23	10/12/23	mpled)81 (+3 steer)				4.5											
T3C	#13	FVF Red Oak, 14 gal.	10/09/23	10/09/23	9.5-barr	5	3	0.75	0											
T4C	#13 FV	FVF Red Oak, 14 gal.	10/09/23	10/09/23	9.5-barr	11	9.25	1.75	0											
1C	#3 FV	FVF Red Oak, 55 gal (fed at FV), twin oaks near gate	09/28/23	09/28/23	88-barre	12.5	11.5	include d	12	10										
4C	bkt#	YKF WW Way Red Oak, bucket, same as topped #54	10/11/23	10/12/23		.25(2.5	0.25	0.5	8.75	7										
6C	#54	YKF Red Oak (½ w. Ash, 10 gal b.t. aspen, 7 gal oak)	10/12/23	10/12/23	0.5-barr	5	4	0.75	6	5.25										
					R Oak	Ave	9.269231		Ave	7.38636										
						Max	15.75		Max	17.5										
							10 goats			steer										
Day code	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERED STEER	LBS. EATEN in 2 hrs. STEER										
1B	#44	YKF Red Maple, 3 ½/9 speed; 3/9 for large pieces	09/01/23	09/01/23	54.75	11	7.25	1.75	(put back	0										
2B	#44	YKF Red Maple, 3 ½/9 speed; 3/9 for large pieces	09/01/23	09/01/23	54.75	11.25	9.25	1.25	1.25	1										
6B	#44	YKF Red Maple, 3 ½/9 speed; 3/9 for large pieces	09/01/23	09/01/23	54.75	18.5	13.5	3.75	tasted x 3	0										
7B	#44	YKF Red Maple, 3 ½/9 speed; 3/9 for large pieces	09/01/23	09/01/23	54.75	18	14.75	1.75												
T3C	#50	YKF Red Maple, 2 ½ gal Gray Birch on top-see notes.	09/15/23	09/15/23	50.75	9.5	4	4	0											
T4C	#50	YKF Red Maple, 2 ½ gal Gray Birch on top-see notes.	09/15/23	09/15/23	50.75	12	9	2.25	0											
1C	#50	YKF Red Maple, 2 ½ gal Gray Birch on top-see notes.	09/15/23	09/15/23	50.75	10.5	10.25	include d	0											
2C	#44	YKF Red Maple, 3 ½/9 speed, slowed to 3/9 for large p	09/01/23	09/01/23	54.75	1	10.75	included	0											
2C	#50	YKF Red Maple, 2 ½ gal. Gray Birch near top. See nc	09/15/23	09/15/23	50.75	10.25			1.75	1										
					R Maple	Ave	9.84375		Ave	0.5										
						Max	14.75		Max	1										
							10 goats			steer										

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Day code	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERED STEER	LBS. EATEN in 2 hrs. STEER									
T4A	#10 FV	FVF White Ash (yellowing) with Dylan, gray 55 gal. scr	10/06/23	10/06/23	59.25	25	didn't weigh)		14	(didn't weigh)									
!A	#10	FVF White Ash (yellowing) with Dylan, gray 55 gal. scr	10/06/23	10/06/23	59.25	10.5	22.75		4	7.5									
!A	#52	YKF White Ash in the rain	09/18/23	09/18/23	56	16.5			5										
4A	#52	YKF White Ash in the rain	09/18/23	09/18/23	56	24			10	8.5									
6A	#53	YKF White Ash, ½ in the rain, more sep 2 days later,	09/18/23	09/18-20/23	47.75	27	24.75	0.5	18	14.75									
T4B	#1 FV	FVF White Ash, round 30 gallon barrel	09/26/23	09/26/23	42.25	17.5	13.75		11	8.5									
1B	#1 FV	FVF White Ash, round 30 gallon barrel	09/26/23	09/26/23	42.25	7	7		4.5	4.25									
6B	#51	YKF White Ash in the rain (unmarked)	09/18/23	09/18/23	54	22.75	16	6.25	9.75	8.25									
T2C	same b	MOFGA ½ White Ash (below cherry)	07/01/23	07/01/23		6	9		2										
T2C	bkt#	FVF Green Ash "same as barrel #9"	10/05/23	10/05/23	mpled)	5			2										
T3C	#7 FVF	FVF Green Ash, bottom of large tree, 14 gal. barrel	10/02/23	10/02/23	28-barrel	12	10.5	dumped	6	4.5									
T3C	#51	YKF White Ash in the rain (unmarked)	09/18/23	09/18/23	54	3		dumped	0										
T4C	#9 FV	FVF Green Ash, last new barrel	10/05/23	10/05/23	34.5	20	14.75	0.75	13	9.75									
2C	#9 FV	#9 FVF Green Ash, last new barrel	10/05/23	10/05/23	34.5	19	16.5	included	10.75	9									
2C	#2 FV	FVF White Ash	09/27/23	09/27/23	40	26	21.25	included	0										
4C	#11 FV	FVF Green Ash (topped with Red Oak), gray 55 gal. sc	10/08/23	10/08/23	.75- bar	45	39.5	1	1.75	1.5									
6C	bkt#	FVF Green Ash "same as barrel #9," 5 gal. bucket	10/05/23	10/05/23		7.25	5.75	dumped	0										
7C	#54	YKF ½ White Ash left out ½ full (10gal bt aspen, 7gal. i	09/20/23	09/20/23	same	12.75	10.75	0.25	4	3.75									
					W & G As Ave		16.32692		Ave	7.29545									
						Max	39.5		Max	14.75									
							10 goats			steer									
	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERED STEER	LBS. EATEN in 2 hrs. STEER									
T3A	#10	MOFGA Honeysuckle	07/06/23	07/06/23	32.75	3	1.25		2	1.75									
T4A	#10	MOFGA Honeysuckle	07/06/23	07/06/23	32.75	6.5			2.5										
2A	#10	MOFGA Honeysuckle	07/06/23	07/06/23	32.75	4.5	1.75	1	7.75	5									
5A	#10	MOFGA Honeysuckle	07/06/23	07/06/23	32.75				1.75	3.5									
5A	#1	MOFGA Honeysuckle	06/23/23	06/23/23	ssed wei	13.5	12	3.75	6.25										
T2B	#1	MOFGA Honeysuckle	06/23/23	06/23/23	sed wei	11.25	8.25		7(3 to go	7									
3B	#5	MOFGA Honeysuckle, not quite full	06/29/23	06/29/23	28	12	6	4.75	15	3.5									
5B	#5	MOFGA Honeysuckle, not quite full	06/29/23	06/29/23	28	3.75	2.5		3.75	2.5									
T3C	bkt#	MOFGA Honeysuckle	06/25/23	06/26/23		3.5	1.25	0.5	1.5 (3.5 t	1.5									
2C	bkt# 1	MOFGA Honeysuckle	06/23/23	06/23/23	mpled)	3.5	2.75	included	3	3									
					Honeysuckle Ave		4.46875		Ave	3.46875									

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				10 goats	Max	12	steer	Max	7										
Day code	Barrel #	Site, Species, Notes	DATE CUT	DATE PACKED	LBS. BARREL CONTENT	LBS. OFFERD GOATS	LBS. EATEN in 2 hrs. GOATS	LBS. EATEN OV-NIGHT	LBS. OFFERD STEER	LBS. EATEN in 2 hrs. STEER									
T1A	#28	MOFGA Gray Birch, Gedo braided & ran these 15 tops	07/17/23	07/17/23	58.25	9.75	7		5	2.75									
T2A	#28	MOFGA Gray Birch, Gedo braided & ran these 15 tops	07/17/23	07/17/23	58.25	10	6		4	0.25									
T3A	#28	MOFGA Gray Birch, Gedo braided & ran these 15 tops	07/17/23	07/17/23	58.25	11	5.25		4	3									
T4A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	9.75	didn't weigh)		4	(didn't weigh)									
!A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	5	1		(4 put back	0									
2A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	5.25	1.75	1.25	2	0.75									
3A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	7	0.25	4.75	(to goats)	0									
4A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	5.5	2.75	0.25	(2, to goats)	0									
5A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	6	3	1	(2, to goats)	0									
6A	#30	MOFGA Gray Birch (Gedo ran, packed)	07/19/23	07/19/23	51.75	12.75	5.5		3	3									
6A	#32	MOFGA Gray Birch, bit Beech (8 lbs. fungal, 5¼ set as	07/19/23	07/19/23	64.75	4.25		2.5	(4 put back	0									
7A	#32	MOFGA Gray Birch, plus small Beech	07/19/23	07/19/23	64.75	16	6.5	1	4.5	3									
T1B	#32	MOFGA Gray Birch, plus small Beech	07/19/23	07/19/23	64.75	25.75	10	(put bk)	4.5(8.75 t	4.5									
T2B	#32	MOFGA Gray Birch, plus small Beech	07/19/23	07/19/23	64.75	13.5 (f	9.25	too wet to weigh; est. 2											
T2B	#18	MOFGA Gray Birch with Colin	07/11/23	07/11/23	60.5	12			(put back	0									
T3B	#18	MOFGA Gray Birch with Colin	07/11/23	07/11/23	60.5	12.5	7.75		(put back	1.5									
T4B	#18	MOFGA Gray Birch with Colin	07/11/23	07/11/23	60.5	11	6.75		0										
1B	#18	MOFGA Gray Birch with Colin	07/11/23	07/11/23	60.5	11	4.5	soaked; estimating 3 lbs g birch, .5 lbs r oak	7.25	5									
2B	#18	MOFGA Gray Birch with Colin	07/11/23	07/11/23	60.5	5.75	1.75												
5B	#27	MOFGA Gray Birch, 3 today, 6 th stretch	07/17/23	07/17/23	68.5	11.5	4.25		(refused)										
T1C	#27	MOFGA Gray Birch, 3 today, 6 th stretch	07/17/23	07/17/23	68.5	4.75	1.5	1.25	0										
T3C	#27	MOFGA Gray Birch, 3 today, 6 th stretch	07/17/23	07/17/23	68.5	9.5	0	3.75	0										
T3C	#50	YKF Gray Birch from top of maple barrel	09/15/23	09/15/23		3.5		0.5											
T4C	#27	MOFGA Gray Birch, 3 today, 6 th stretch	07/17/23	07/17/23	68.5	8.75	1	0.75	0										
1C	(#27)	(MOFGA Gray Birch, 3 today, 6 th stretch) left fr yest'd.	07/17/23	07/17/23	68.5	(yesterday)		1											
3C	#27	MOFGA Gray Birch, 3 today, 6 th stretch	07/17/23	07/17/23	68.5	5	0	2	0										
					G Birch	Ave	4.083333		Ave	1.583333									
						Max	10		Max	4.5									
							10 goats			steer									

GOAT INTAKE DATA <u>LBS AS FED</u> , RE-ORDERED HIGH to LOW,, along with NUTRITIONAL DATA per TREE/SHRUB Species-group																				
FNE22-013		Lbs eaten during 1x/day 2 hr offering-periods, ORDERED BY AVE GOAT INTAKE, Most to Least:		% Moistur	% DM	Cr P %DM	Avail Protein	ADICP	Adj Cr. Protein	Sol P %CP	Sol P %DM	Degr P %CP	Degr P %DM	ADF %DM	NDF %DM	NFC %DM	WSC %DM	Cr Fat %DM	Ash %DM	TDN
		Ensiled Quaking Aspen Aves		59.76	40.24	14.00	9.89	4.11	10.89	11.29	1.61	16.00	2.37	23.43	32.87		11.00			61.71
		Ensiled Big-Toothed Aspen Aves		58.25	41.75	10.60	5.60	5.00	6.60	14.00	1.39	15.00	1.60	27.25	38.90		10.95			58.50
Goats may have preferred higher Magnesium, and lower Iron and Manganese. They may also have appreciated species with slightly higher CP (excepting R Oak, which had some possible quality and/or Tannin issues for them but not for the steer), and higher Soluble Protein %DM. More likely untested antifeedants dictated priorities. * Note: Honeysuckle was twiggy so light per volume, which slowed feeding.		Q & BT Aspen	Ave goats	22.625			Ave steer	3.00				Q & BT Aspen		Ave goats	22.63	Ave steer	3.00			
			Max goats	39			Max steer	6.25						Max goats	39	Max steer	6.25			
		Ensiled Black Cherry Aves		58.88	41.12	13.47	10.28	3.19	11.83	19.70	2.75	20.75	2.89	22.19	30.02	42.50	8.77	4.90	4.00	64.18
		B Cherry	Ave goats	17.97			Ave steer	6.59					B Cherry	Ave goats	17.97	Ave steer	6.59			
			Max goats	36.25			Max steer	11.50						Max goats	36.25	Max steer	11.50			
		Ensiled White Ash Aves		58.08	41.92	11.08	6.58	4.48	7.58	18.00	1.95	19.20	2.20	26.75	39.20		8.38			59.33
		Ensiled Green Ash Aves		58.13	41.88	12.98	7.98	5.00	8.98	21.75	2.73	27.75	3.53	28.60	41.23	22.90	7.45	4.90	6.77	59.25
		W & G Ash	Ave goats	16.33			Ave steer	7.30					W & G Ash		Ave goats	16.33	Ave steer	7.30		
			Max goats	39.50			Max steer	14.75						Max goats	39.50	Max steer	14.75			
		Ensiled Red Maple Aves		55.14	44.86	9.98	7.66	2.30	7.00	13.67	1.27	32.50	2.77	23.50	33.30	39.63	14.48	7.37	4.66	68.80
		R Maple	Ave goats	9.84			Ave steer	0.50						R Maple	Ave goats	9.84	Ave steer	0.50		
			Max goats	14.75			Max steer	1.00						Max goats	14.75	Max steer	1.00			
		Ensiled Red Oak Aves		52.92	47.08	14.66	11.84	2.80						28.60	45.96		5.35	6.50		60.20
		R Oak	Ave goats	9.27			Ave steer	7.39						R Oak	Ave goats	9.27	Ave steer	7.39		
			Max goats	15.75			Max steer	17.50						Max goats	15.75	Max steer	17.50			
		Ensiled Honeysuckle Aves		61.84	38.16	12.86	7.12	5.74	8.30	11.25	1.55	19.50	2.53	27.20	39.44	47.20	10.40	6.60	5.00	59.80
		Honeysuckle	Ave goats	4.47			Ave steer	3.47					Honeysuckle		Ave goats	4.47	Ave steer	3.47		
			Max goats	12.00			Max steer	7.00						Max goats	12.00	Max steer	7.00			
		Ensiled Gray Birch Aves		54.09	45.91	11.56	6.66	4.89	5.83					31.87	44.40	33.78	8.24	6.98	3.09	63.00
		G Birch	Ave goats	4.08			Ave steer	1.58						G Birch	Ave goats	4.08	Ave steer	1.58		
			Max goats	10.00			Max steer	4.50						Max goats	10.00	Max steer	4.50			
		STEER figures below, next page...																		

Calcium	Phosph	Magnes	Potassi	Sodium	Iron	Zinc	Copper	Mang	PPM Moly	Sulfur	pH	NEL	NEM	NEG
1.10	0.24	0.23	0.94	0.01	55.43	126.71	7.29	112.14	0.00	0.15	5.27	0.66	0.62	0.35
1.32	0.18	0.21	0.62	0.01	58.00	273.50	9.50	439.00	0.00	0.16	5.10	0.65	0.60	0.34
Q & BT Aspen	A ve goats		22.625	Ave steer		3.00								
	Max goats		39	Max steer		6.25								
1.49	0.29	0.25	1.03	0.02	82.46	31.73	5.09	147.55	0.05	0.11	4.66	0.70	0.65	0.39
B Cherry	Ave goats		17.97	Ave steer		6.59								
	Max goats		36.25	Max steer		11.50								
1.25	0.25	0.25	1.12	0.01	81.17	15.50	9.83	60.33	0.00	0.10	5.37	0.62	0.57	0.31
1.16	0.21	0.29	1.23	0.01	97.50	18.50	13.25	67.25	0.18	0.21	5.33	0.62	0.57	0.31
W & G Ash	Ave goats		16.33	Ave steer		7.30								
	Max goats		39.50	Max steer		14.75								
0.87	0.24	0.17	0.85	0.03	503.60	57.20	10.40	122.80	0.43	0.12	4.92	0.75	0.73	0.46
R Maple	Ave goats		9.84	Ave steer		0.50								
	Max goats		14.75	Max steer		1.00								
0.84	0.21	0.18	0.89	0.01	79.25	38.00	5.50	780.25	0.05	0.14	5.48	0.61	0.58	0.32
R Oak	Ave goats		9.27	Ave steer		7.39								
	Max goats		15.75	Max steer		17.50								
1.16	0.22	0.29	1.52	0.01	223.40	40.60	6.20	156.00	0.08	0.14	5.08	0.63	0.58	0.32
Honeysuckle	Ave goats		4.47	Ave steer		3.47								
	Max goats		12.00	Max steer		7.00								
0.59	0.21	0.14	0.74	0.01	115.50	125.50	7.17	227.50	0.13	0.13	5.03	0.66	0.64	0.37
G Birch	Ave goats		4.08	Ave steer		1.58								
	Max goats		10.00	Max steer		4.50								

STEER INTAKE DATA, LBS AS FED , RE-ORDERED HIGH TO LOW,, along with NUTRITIONAL DATA per TREE/SHRUB Species-group																					
FNE22-013 3 Streams Trial Intake Data Maybe the steer was intollerant of high levels of Zinc, plus antifeedants in R Maple, and liked high Crude Protein. More likely untested antifeedants dictated priorities. * Note: Honeysuckle was twiggy so light per volume, which slowed feeding.	Lbs eaten during 1x/day 2 hr offering-periods, ORDERED BY AVE STEER INTAKE, Most to Least:			% Moistur	% DM	Cr P %DM	Avail Protein	ADICP	Adj Cr. Protein	Sol P %CP	Sol P %DM	Degr P %CP	Degr P %DM	ADF %DM	NDF %DM	NFC %DM	WSC %DM	Cr Fat %DM	Ash %DM	TDN	
	Ensiled Red Oak Aves			52.92	47.08	14.66	11.84	2.80						28.60	45.96		5.35	6.50		60.20	
		R Oak	Ave goats	9.27			Ave steer	7.39						R Oak	Ave goats	9.27		Ave steer	7.39		R Oak
			Max goats	15.75			Max steer	17.50							Max goats	15.75		Max steer	17.50		
	Ensiled White Ash Aves			58.08	41.92	11.08	6.58	4.48	7.58	18.00	1.95	19.20	2.20	26.75	39.20		8.38			59.33	
	Ensiled Green Ash Aves			58.13	41.88	12.98	7.98	5.00	8.98	21.75	2.73	27.75	3.53	28.60	41.23		22.90	7.45	4.90	6.77	59.25
	W & G Ash			Ave goats	16.33		Ave steer	7.30						W & G Ash	Ave goats	16.33		Ave steer	7.30		
			Max goats	39.50			Max steer	14.75							Max goats	39.50		Max steer	14.75		
	Ensiled Black Cherry Aves			58.88	41.12	13.47	10.28	3.19	11.83	19.70	2.75	20.75	2.89	22.19	30.02		42.50	8.77	4.90	4.00	64.18
		B Cherry	Ave goats	17.97			Ave steer	6.59						B Cherry	Ave goats	17.97		Ave steer	6.59		
			Max goats	36.25			Max steer	11.50							Max goats	36.25		Max steer	11.50		
	Ensiled Honeysuckle Aves			61.84	38.16	12.86	7.12	5.74	8.30	11.25	1.55	19.50	2.53	27.20	39.44		47.20	10.40	6.60	5.00	59.80
	Honeysuckle			Ave goats	4.47		Ave steer	3.47						Honeysuckle	Ave goats	4.47		Ave steer	3.47		
			Max goats	12.00			Max steer	7.00							Max goats	12.00		Max steer	7.00		
	Ensiled Quaking Aspen Aves			59.76	40.24	14.00	9.89	4.11	10.89	11.29	1.61	16.00	2.37	23.43	32.87		11.00			61.71	
	Ensiled Big-Toothed Aspen Aves			58.25	41.75	10.60	5.60	5.00	6.60	14.00	1.39	15.00	1.60	27.25	38.90		10.95			58.50	
	Q & BT Aspen			Ave goats	22.625		Ave steer	3.00						Q & BT Aspen	Ave goats	22.63		Ave steer	3.00		
			Max goats	39			Max steer	6.25							Max goats	39		Max steer	6.25		
	Ensiled Gray Birch Aves			54.09	45.91	11.56	6.66	4.89	5.83					31.87	44.40		33.78	8.24	6.98	3.09	63.00
		G Birch	Ave goats	4.08			Ave steer	1.58						G Birch	Ave goats	4.08		Ave steer	1.58		
			Max goats	10.00			Max steer	4.50							Max goats	10.00		Max steer	4.50		
	Ensiled Red Maple Aves			55.14	44.86	9.98	7.66	2.30	7.00	13.67	1.27	32.50	2.77	23.50	33.30		39.63	14.48	7.37	4.66	68.80
		R Maple	Ave goats	9.84			Ave steer	0.50						R Maple	Ave goats	9.84		Ave steer	0.50		
			Max goats	14.75			Max steer	1.00							Max goats	14.75		Max steer	1.00		

Calcium	Phosph	Magnes	Potassi	Sodium	Iron	Zinc	Copper	Mang	PPM Moly	Sulfur	pH	NEL	NEM	NEG
0.84	0.21	0.18	0.89	0.01	79.25	38.00	5.50	780.25	0.05	0.14	5.48	0.61	0.58	0.32
R Oak	Ave goats		9.27	Ave steer		7.39								
	Max goats		15.75	Max steer		17.50								
1.25	0.25	0.25	1.12	0.01	81.17	15.50	9.83	60.33	0.00	0.10	5.37	0.62	0.57	0.31
1.16	0.21	0.29	1.23	0.01	97.50	18.50	13.25	67.25	0.18	0.21	5.33	0.62	0.57	0.31
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1.32	0.18	0.21	0.62	0.01	58.00	273.50	9.50	439.00	0.00	0.16	5.10	0.65	0.60	0.34
Q & BT Aspen	A ve goats		22.625	Ave steer		3.00								
	Max goats		39	Max steer		6.25								
0.59	0.21	0.14	0.74	0.01	115.50	125.50	7.17	227.50	0.13	0.13	5.03	0.66	0.64	0.37
G Birch	Ave goats		4.08	Ave steer		1.58								
	Max goats		10.00	Max steer		4.50								
0.87	0.24	0.17	0.85	0.03	503.60	57.20	10.40	122.80	0.43	0.12	4.92	0.75	0.73	0.46
R Maple	Ave goats		9.84	Ave steer		0.50								
	Max goats		14.75	Max steer		1.00								