

Coffee Mill Production Log

MONTH: Jan YEAR: 2011

Day	Line One			Line Two		
	Hours	# Bags	Pounds	Hours	# Bags	Pounds
1		0	0		0	0
2		0	0		0	0
3	5.333333	32	4800	5.333333	32	4800
4	5	30	4500	5	30	4500
5	2.666667	16	2400	2.666667	16	2400
6	5	30	4500	5	30	4500
7	2.666667	16	2400	2.666667	16	2400
8		0	0		0	0
9	1.666667	10	1500	1.666667	10	1500
10	7.333333	44	6600	7.333333	44	6600
11	4.666667	28	4200	4.666667	28	4200
12	5	30	4500	5	30	4500
13	10	60	9000	10	60	9000
14	9.333333	56	8400	9.333333	56	8400
15		0	0		0	0
16		0	0		0	0
17	12.66667	76	11400	12.66667	76	11400
18	10.66667	64	9600	10.33333	62	9300
19	8.666667	52	7800	8.666667	52	7800
20	7.666667	46	6900	8.333333	50	7500
21	4.333333	26	3900	4.333333	26	3900
22		0	0		0	0
23	1	6	900	1	6	900
24	10.66667	64	9600	10.66667	64	9600
25	10.33333	62	9300	10.33333	62	9300
26	6	36	5400	5.333333	32	4800
27		0	0		0	0
28		0	0		0	0
29		0	0		0	0
30	2.333333	14	2100	2.333333	14	2100
31	10.66667	64	9600	10.66667	64	9600

Sum: 143.6667 862 129300 143.3333 860 129000
 Avg: 4.634409 39.18182 4170.968 4.623656 39.09091 4161.29

#/Hr: 900 900

Sum in Tons: 64.65 64.5

Rolling Total Tons Roasted: 710.7 685.2

Month Year	Monthly			12 Month Rolling Total		
	Roaster 1 Tons	Roaster 2 Tons	Total Tons	Roaster 1 Tons	Roaster 2 Tons	Total Tons
Jan-09	67.35	70.5	137.85	806.661	837.45	1644.111
Feb-09	34.65	41.7	76.35	765.111	803.1	1568.211
Mar-09	57.45	58.35	115.8	754.911	793.5	1548.411
Apr-09	64.65	64.05	128.7	735.411	773.4	1508.811
May-09	64.35	60.075	124.425	728.961	773.775	1502.736
Jun-09	57.6	59.25	116.85	704.175	753.675	1457.85
Jul-09	30.45	74.85	105.3	672.825	737.475	1410.3
Aug-09	68.55	69.6	138.15	673.275	733.8	1407.075
Sep-09	58.65	62.25	120.9	674.475	736.5	1410.975
Oct-09	40.05	45.75	85.8	660.525	730.05	1390.575
Nov-09	69.6	69.6	139.2	676.575	745.95	1422.525
Dec-09	53.7	53.85	107.55	667.05	729.825	1396.875
Jan-10	56.475	56.25	112.725	656.175	715.575	1371.75
Feb-10	50.25	49.8	100.05	671.775	723.675	1395.45
Mar-10	75.15	51	126.15	689.475	716.325	1405.8
Apr-10	65.55	55.95	121.5	690.375	708.225	1398.6
May-10	66.3	66.3	132.6	692.325	714.45	1406.775
Jun-10	65.25	65.85	131.1	699.975	721.05	1421.025
Jul-10	47.1	47.1	94.2	716.625	693.3	1409.925
Aug-10	47.7	47.7	95.4	695.775	671.4	1367.175
Sep-10	79.95	79.35	159.3	717.075	688.5	1405.575
Oct-10	28.35	35.85	64.2	705.375	678.6	1383.975
Nov-10	48.75	48.75	97.5	684.525	657.75	1342.275
Dec-10	71.7	73.05	144.75	702.525	676.95	1379.475
Jan-11	64.65	64.5	129.15	710.7	685.2	1395.9
Feb-11	0	0	0	660.45	635.4	1295.85
Mar-11	0	0	0	585.3	584.4	1169.7
Apr-11	0	0	0	519.75	528.45	1048.2

2010 Coffee Roaster Operating Summary

Note: Roaster cooler cyclones run the same cycle as the roasters

Month Year	Roaster 1 Tons	Roaster 2 Tons	Roaster 1 Operating Hrs	Roaster 2 Operating Hrs	Roaster 1 Days Operated	Roaster 2 Days Operated	Roaster 1 Avg Hrs/Operating Day	Roaster 2 Avg Hrs/Operating Day	Roaster 1 Average Days Operated per Week	Roaster 2 Average Days Operated per Week
Jan-10	56.48	56.25	125.50	125.00	21	21	6.0	6.0	4.7	4.7
Feb-10	50.25	49.80	111.67	110.67	18	18	6.2	6.1	4.5	4.5
Mar-10	75.15	51.00	167.00	113.33	25	19	6.7	6.0	5.6	4.3
Apr-10	65.55	55.95	145.67	124.33	23	23	6.3	5.4	5.4	5.4
May-10	66.30	66.30	147.33	147.33	20	20	7.4	7.4	4.5	4.5
Jun-10	65.25	65.85	145.00	146.33	20	20	7.3	7.3	4.7	4.7
Jul-10	47.10	47.10	104.67	104.67	21	21	5.0	5.0	4.7	4.7
Aug-10	47.70	47.70	106.00	106.00	21	21	5.0	5.0	4.7	4.7
Sep-10	79.95	79.35	177.67	176.33	23	23	7.7	7.7	5.4	5.4
Oct-10	28.35	35.85	63.00	79.67	11	12	5.7	6.6	2.5	2.7
Nov-10	48.75	48.75	108.33	108.33	20	20	5.4	5.4	4.7	4.7
Dec-10	71.70	73.05	159.33	162.33	22	22	7.2	7.4	5.0	5.0
Totals	702.53	676.95	1561.17	1504.33						

Roaster 1 Blower Motor Hours Run (01/01/10 -> 12/31/10)	1722.10
Roaster 2 Blower Motor Run Hours (01/01/10 -> 12/31/10)	1707.20
Roaster 1 Total lbs Roasted	1405050
Roaster 2 Total lbs Roasted	1353900
Roaster 1 avg annual lb/hr based on blower motor run hrs	815.89
Roaster 2 avg annual lb/hr based on blower motor run hrs	793.05
Roaster 1 Gas Used (cubic feet)	1243848
Roaster 2 Gas Used (cubic feet)	1054488

Notes: Operating hours are actual roast cycle time (approximately 20 minutes per cycle). Operating days were counted whether there was only one load roasted or 60 loads roasted. Average operating days per week were calculated by taking the number of days operated in the month divided by the total number of days in the month and then multiplying by 7.

2010 Extractor Cyclone Summary

Month Year	lbs Roasted	lbs Input (85%)	cycles per month	cycle time (hrs)
Jan-10	225450	191633	425.9	71.0
Feb-10	200100	170085	378.0	63.0
Mar-10	252300	214455	476.6	79.4
Apr-10	243000	206550	459.0	76.5
May-10	265200	225420	500.9	83.5
Jun-10	262200	222870	495.3	82.5
Jul-10	188400	160140	355.9	59.3
Aug-10	190800	162180	360.4	60.1
Sep-10	318600	270810	601.8	100.3
Oct-10	128400	109140	242.5	40.4
Nov-10	195000	165750	368.3	61.4
Dec-10	289500	246075	546.8	91.1
Totals	2758950	2345108	5211.4	868.6

Assumptions:

Coffee extractors see all beans, but there is approximately 15% weight lost in roasting.
 Run time for extractor blowdown is approximately 10 minutes per cycle. A cycle is 450 lbs of roasted beans.