

		Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	YTD
Giorni di marcia		28,77	27,19	30,00	26,85	28,81	29,38	29,90	29,10	28,19	30,79	29,04	27,73	345,76
Giorni disponibili		31	28	31	30	31	30	31	31	30	31	30	31	365
Operating time tot, h		690,5	652,5	720	644,5	692	705	718	698,5	676,6667	739	697	665,5	8298,17
Disabled time tot, h		53,5	19,5	23	75,5	52,5	15	26,5	45,5	43,33	5,00	23,00	78,5	460,83
Disabled time due to ext causes, h		14,5	2	1	42	18	0	14,5	16,5	12,33	0,5	4	0	124,83
UPTIME		705	654,5	721	686,5	709	705	732	715	689	739,5	701	665,5	8423
DOWNTIME		39	17,5	22	33,5	35	15	12	29	31	4,5	19	78,5	336
AVAILABILITY		95%	97%	97%	95%	95%	98%	98%	96%	96%	99%	97%	89%	96%
t Ox W		4694	4397	4953	4342	4837	5849	5880	5342	5038	6482	5740	5747	63300
t Ox KSS		20	251	440	434	537	459	443	255	205	268	280	94	3687
t Zn netto		2719	2703	3018	2740	3000	3578	3672	3266	3075	3898	3521	3491	38682
kg consumo HCl 33% equivalente		471580	364320	419080	292780	399400	610420	583580	475000	394820	450740	289080	406660	5157460
kg consumo H2O2 30% equivalente		139040	240440	162610	199710	292343	381313	329747	459947	408730	504047	338520	497653	3954100
kg consumo Ca(OH)2		533080	708340	880560	526770	977220	1121430	1127850	1060890	1134030	692370	818010	1194780	10775330
KPI														
Waelz Oxide feed / day of operation	ton/day	163,15	161,72	165,10	161,67	167,86	199,11	196,69	183,55	178,68	210,51	197,64	207,25	183,08
Pb/Zn KSS oxide feed / day of operation	ton/day	0,70	9,22	14,67	16,16	18,64	15,64	14,83	8,77	7,27	8,72	9,65	3,40	10,66
Zn output / day of operation	ton/day	94,51	99,44	100,61	102,01	104,11	121,80	122,83	112,23	109,07	126,59	121,25	125,91	111,88
Operating Rate (availability)	%	95%	97%	97%	95%	95%	98%	98%	96%	96%	99%	97%	89%	96%
HCl specific consumption	kg/ton	173,44	134,76	138,85	106,87	133,15	170,61	158,92	145,42	128,38	115,63	82,10	116,48	133,33
H2O2 specific consumption	kg/ton	51,14	88,94	53,88	72,90	97,46	106,58	89,80	140,81	132,91	129,31	96,14	142,54	102,22
Ca(OH)2 specific consumption	kg/ton	196,06	262,01	291,74	192,29	325,79	313,44	307,14	324,79	368,75	177,62	232,30	342,22	278,56
Zinc recovery	%	96%	96%	95%	96%	96%	96%	97%	96%	96%	96%	97%	97%	96%
Gypsum produced	dmt	848,51	1140,71	1214,78	874,49	1216,45	1594,50	1634,74	1639,59	1707,33	1433,08	1526,74	1832,09	16663,00
Zn % Sludge Pb-Ag	%	8,9%	8,98%	9,24%	7,55%	8,43%	7,02%	5,09%	8,02%	7,48%	8,67%	6,05%	5,86%	7,57%
Gypsum dmt/dmt Zn produced	dmt/dmt	0,31	0,42	0,40	0,32	0,41	0,45	0,45	0,50	0,56	0,37	0,43	52%	0,43

BILANCIO METALLI

ALIMENTAZIONI	TRATTATO dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
OSSIDO WAE LZ	63299,933	61,631	4,640	0,242	0,084	50,350	1,227	39012,536	2937,332	153,303	53,301	3,187	776,900
OSSIDO KSS	3687,367	25,220	46,056	1,487	0,100	81,650	0,117	929,967	1698,236	54,844	3,674	0,301	4,320
POLVERE ZN	207,055	100,000	0,000	0,000	0,000	0,000	0,000	207,055	0,000	0,000	0,000	0,000	0,000
TOTALE ALIMENTATO								40149,558	4635,568	208,146	56,975	3,488	781,220

PRODUZIONE	PORTATA m3	Zn g/l	Zn t
LOADED ELECTROLYTE	907510	94,774	86009
SPENT ELECTROLYTE	907510	52,150	47327
ZINCO NETTO TRASFERITO			38682
Resa			96,34%

SOTTOPRODOTTI	MOV dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
SOLFATO PB-AG	13732,851	7,565	33,601	0,196	0,233	253,986	5,582	1038,946	4614,399	26,875	31,961	3,488	766,542
GESSI	16663,004	0,324	0,096	0,025	0,034	0,000	0,083	54,050	16,017	4,151	5,662	0,000	13,817
CEMENTI	315,738	13,617	1,632	45,059	5,749	0,000	0,000	42,993	5,151	142,269	18,152	0,000	0,000
	MOV m3	Zn g/l	Pb g/l	Cd g/l	Cu g/l	Ag g/l	Fe g/l	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
ACQUE	302997	1,094	0,000	0,079	0,004	0,000	0,003	331,578	0,000	23,871	1,200	0,000	0,862
TOTALE PERDITE								1467,566	4635,568	197,166	56,975	3,488	781,220

VARIAZIONI CARICO STATICO

	VOLUME m3	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
INIZIALE	6100,35	3,166	0,350	0,217	0,100	5,483	0,090	193,114	21,352	13,232	6,131	0,033	5,468
FINALE	6100,35	3,166	0,350	0,397	0,100	5,483	0,090	193,114	21,352	24,213	6,131	0,033	5,468

DELTA	0,000	0,000	10,980	0,000	0,000	0,000
-------	-------	-------	--------	-------	-------	-------

VERIFICA BILANCIO METALLI	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
TOTALE INGRESSI	40149,558	4635,568	208,146	56,975	3,488	781,220
TOTALE USCITE	40149,558	4635,568	197,166	56,975	3,488	781,220
ACCUMULO IN CARICO STATICO	0,000	0,000	10,980	0,000	0,000	0,000
DELTA IN-OUT	0,000	0,000	0,000	0,000	0,000	0,000

QUOTA FANGHI TK DA SX

SOTTOPRODOTTI	MOV dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
FANGHI TK DA SX	3226,775	10,276	0,000	0,740	0,037	0,000	0,027	331,578	0,000	23,871	1,200	0,000	0,862
FANGHI TK (wmt)	16133,875												

VARIAZIONI STOCK REPARTO

INIZIO MESE	STOCK IN dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
OSSIDO WAE LZ	55,309	61,038	4,593	0,221	0,065	73,496	0,975	33,760	2,541	0,122	0,036	0,004	0,539
OSSIDO KSS	1167,250	23,582	47,554	1,183	0,107	53,357	0,074	275,257	555,070	13,807	1,254	0,062	0,869
POLVERE ZN	1,547	100,000	0,000	0,000	0,000	0,000	0,000	1,547	0,000	0,000	0,000	0,000	0,000
CEMENTI	45,700	7,780	1,604	46,054	3,956	0,000	0,000	3,555	0,733	21,047	1,808	0,000	0,000
FINE MESE	STOCK FIN dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
OSSIDO WAE LZ	53,890	61,523	4,353	0,256	0,127	36,922	1,264	33,155	2,346	0,138	0,069	0,002	0,681
OSSIDO KSS	914,551	25,074	49,386	1,253	0,307	48,106	0,084	229,310	451,662	11,455	2,811	0,044	0,766
POLVERE ZN	2,766	100,000	0,000	0,000	0,000	0,000	0,000	2,766	0,000	0,000	0,000	0,000	0,000
CEMENTI	361,438	12,879	1,628	45,185	5,522	0,000	0,000	46,548	5,884	163,316	19,960	0,000	0,000
MOVIMENTAZIONI	MOV dmt	Zn %	Pb %	Cd %	Cu %	Ag g/t	Fe %	Zn t	Pb t	Cd t	Cu t	Ag t	Fe t
OSSIDO WAE LZ	63298,515	61,632	4,640	0,242	0,084	50,318	1,228	39011,932	2937,137	153,319	53,333	3,185	777,043
OSSIDO KSS	3434,668	25,738	46,433	1,528	0,152	82,333	0,123	884,021	1594,828	52,492	5,230	0,283	4,218
POLVERE ZN	208,273	100,000	0,000	0,000	0,000	0,000	0,000	208,273	0,000	0,000	0,000	0,000	0,000

CEMENTI	315,738	13,617	1,632	45,059	5,749	0,000	0,000	42,993	5,151	142,269	18,152	0,000	0,000
---------	---------	--------	-------	--------	-------	-------	-------	--------	-------	---------	--------	-------	-------

Decuprazione Piombo d'opera KSS + IS

% ALIMENTAZIONE	T.Q.	Pb %	Zn %	Cu %	Ag g/t	Au g/t	S %	Pb tonn	Zn tonn	Cu tonn	Ag kg	Au kg	S tonn
100,0 Pb decuprato CDF Pb d'opera IS Pb di liquazione Griglie Pb Recobat	56.846	96,11	0,02	0,18	3540,1	22,3	0,2	54632,2	12,5	100,8	201239	1269,9	114,5
100,0 ALIMENTAZIONE	56.846	96,11	0,02	0,18	3540,1	22,3	0,2	54632,2	12,5	100,8	201239	1269,9	114,5

% ind. Pb opera KSS	-51,43
---------------------	--------

% ind. Pb opera IS	100,00
--------------------	--------

% PRODUZIONE	T.Q.	Pb %	Zn %	Cu %	Ag g/t	Au g/t	S %	Pb tonn	Zn tonn	Cu tonn	Ag kg	Au kg	S tonn
95,4 Pb decuprato PV Residui di dec.	54.218	97,22	0,00	0,017	3596,8	22,97		52712,6	0,5	9,4	195011	1245,3	
4,6 Schiume Cu zolfo Recuperi KSS	2.628	73,04	0,46	3,48	2369,9	9,4	4,4	1919,6	12,0	91,4	6228	24,6	114,5

% ind. Pb decu	-51,31
----------------	--------

Pb decuprato PV	Resa %	96,5	4,3	9,3	96,9	98,1
Residui decuprazione	Resa %					
Schiume zolfo	Resa %	3,5	95,7	90,7	3,1	1,9
Pb cuprifero KSS	Resa %					

resa diretta Pb	95,31
resa diretta Ag	99,52

% ALIMENTAZIONE	T.Q.	Sb %	As %	Bi %	Cd %	Tl g/t	Sb tonn	As tonn	Bi tonn	Cd tonn	Tl kg
100,0 Pb decuprato CDF Pb d'opera IS Pb di liquazione Pb cuprifero KSS Griglie Pb Recobat	56.846	1,29	0,67	0,19	0,01	52,42	731,0	378,1	105,8	4,2	2980,1
100,0 ALIMENTAZIONE	56.846	1,29	0,67	0,19	0,01	52,42	731,0	378,1	105,8	4,2	2980,1

% PRODUZIONE	T.Q.	Sb %	As %	Bi %	Cd %	Tl g/t	Sb tonn	As tonn	Bi tonn	Cd tonn	Tl kg
95,4 Pb decuprato PV Residui di dec.	54.218	1,28	0,54	0,191	0,00	51,70	692,5	291,0	103,4	2,3	2802,8
4,6 Schiume Cu zolfo Recuperi KSS	2.628	1,47	3,31	0,09	0,07	67,45	38,5	87,1	2,4	1,8	177,3
Pb decuprato PV	Resa %	94,7	77,0	97,8	56,2						

[illegible]

DICEMBRE	2014	Zn	Pb	Cd	Cu	Ag	Fe		Zn	Pb	Cd	Cu	Ag	Fe
BILANCIO GLOBALE	MESE	t	t	t	t	kg	t	ANNO	t	t	t	t	kg	t
PANI Zn SHG	11.940,656	11.940,656						138.554,356	138.554,356					
LINGOTTONI Zn/Al	0,000													
POLVERE Zn a Stock	77,711	77,711						209,215	209,215					
CALCINATO a STOCK	665,800	412,158	18,819	1,996	2,709	67,5	48,480							
CATODI a STOCK	107,890	107,890												
TUZIE a STOCK	103,760	81,970												
GRANELLA a STOCK	0,000													
SOLUZIONE ESAUSTA A SX	80.523,086	4.263,061						907.510,393	47.326,760					
CATODI di RAME/LINGOTTONI	0,000							103,577	0,007	0,007	0,003	103,540	0,6	
PRODUZIONI		16.883,446	18,819	1,996	2,709	67,5	48,480	1.046.377,540	186.090,338	0,007	0,003	103,540	0,6	0,000
BLLENDE	14.088,796	7.209,871	272,240	36,207	63,785	1.465,5	1.126,355	161.611,675	82.308,363	3.021,271	369,544	752,512	16.250,7	12.473,126
OX ARR senza le tuzie	3.457,079	2.334,351	182,811	12,055	1,728	166,8	45,912	29.803,954	20.517,073	1.550,747	79,568	23,387	1.495,9	387,779
OX LIX - P97	1,450		1,450			0,0		23,625		23,620			0,2	
POLVERE Zn da Stock	0,000													
CALCINATO da STOCK	0,000							3.375,053	2.079,474	96,743	6,907	15,163	1.549,7	366,770
CATODI da STOCK	0,000							986,590	986,590					
TUZIE da STOCK	0,000							367,708	290,489					
GRANELLA da STOCK	0,000													
SOLFATO di Cu	3,250							73,550						
Pb per POLVERE	0,000													
LEGA Pb/Ag	0,000							4,025		4,003			20,8	
Al per LEGHE	0,000													
LOADED ELECTROLYTE	80.523,086	7.754,352						907.510,393	86.008,753					
CEMENTO Cu trattato	0,000							195,125	15,472	5,235	4,831	105,117	28,2	
ALIMENTAZIONI		17.298,574	456,501	48,261	65,513	1.632,3	1.172,267	1.103.951,697	192.206,214	4.701,619	460,850	896,178	19.345,5	13.227,676
SOLFATI Pb/Ag con CALCE	1.952,665	61,790	313,756	1,539	8,726	1.066,8	197,365	21.913,144	781,815	3.314,028	20,019	76,472	11.931,8	2.017,113
FANGHI JAROSITE	3.630,774	250,988	118,297	3,853	7,610	478,0	926,422	45.792,696	3.543,650	1.225,087	20,689	143,644	6.541,6	11.123,563
PERDITE nei FANGHI TK	97,433	14,050		1,247				990,991	412,961		48,578			
CEMENTO Cu prodotto	87,100	6,707	4,094	1,935	43,818	17,3		871,292	54,969	36,503	16,800	528,267	174,1	
SPUGNA Cd	49,725	6,314	0,254	34,017	0,702	0,7		637,549	87,492	1,909	383,637	5,191	6,6	
CEMENTI Co	129,025	71,568	1,282	3,674	1,948	2,0		2.174,095	1.177,761	16,032	31,706	34,692	28,9	
MELME ANODICHE	210,109	3,711						1.957,999	35,033	0,013			3,7	
TUZIE ANODICHE	0,000							5,700		3,990			17,1	
SCORIE da IMP. RAME	0,000							10,890	3,093	5,227	0,966	1,577	27,6	
SOLFATO Pb RICCO	0,000							767,793	19,103	98,823	0,683	2,795	613,6	87,001
PERDITE		415,128	437,682	46,265	62,804	1.564,8	1.123,787	75.122,150	6.115,876	4.701,612	523,077	792,638	19.344,9	13.227,676
RESA METALLURGICA		96,815	72,853	74,621	71,020	69,494			95,789	70,626	84,127	66,779	61,834	

ZnEL - ARROSTIMENTO E ACIDO SOLFORICO

ANNO							Zn	Pb	Cd	Cu	Ag	Fe	SiO2	S	Zn	Pb	Cd	Cu	Ag	Fe	SiO2	S	
							%	%	%	%	g/t	t	%	%	t	t	t	t	kg	t	t	t	
ALIMENTAZIONI																							
Blenda Cassandra	B110	130446	40	6,68	BLENDE	T	1.345,298	50,040	1,780	0,250	0,240	107,000	9,396	1,890	34,620	673,187	23,946	3,363	3,229	143,947	126,398	25,426	465,742
Blenda Cassandra	B110	130485	40	6,43	BLENDE	T	2.791,481	49,990	2,050	0,260	0,240	150,000	10,033	1,810	35,020	1.395,461	57,225	7,258	6,700	418,722	280,079	50,526	977,577
Blenda Cassandra	B110	0038	40	7,05	BLENDE	T	2.777,792	50,270	1,700	0,260	0,230	126,000	9,761	1,690	34,480	1.396,396	47,222	7,222	6,389	350,002	271,143	46,945	957,783
Blenda Cassandra	B110	0081	40	7,20	BLENDE	T	2.767,902	50,100	1,460	0,280	0,310	170,000	10,593	1,690	31,940	1.386,719	40,411	7,750	8,580	470,543	293,213	46,778	884,068
Blenda Cassandra	B110	0117	40	6,62	BLENDE	T	2.782,123	51,260	1,440	0,300	0,280	140,000	10,158	1,620	34,370	1.426,116	40,063	8,346	7,790	389,497	282,602	45,070	956,216
Blenda Cassandra	B110	0172	40	6,54	BLENDE	T	2.780,997	50,750	1,750	0,280	0,270	143,000	10,601	1,560	35,840	1.411,356	48,667	7,787	7,509	397,683	294,817	43,384	996,709
Blenda Cassandra	B110	0200	40	6,40	BLENDE	T	2.790,276	51,120	1,540	0,300	0,270	180,000	10,134	1,630	35,840	1.426,389	42,970	8,371	7,534	502,250	282,779	45,481	1.000,035
Blenda Cassandra	B110	0302	40	5,85	BLENDE	T	2.801,627	51,480	1,360	0,280	0,250	120,000	11,387	1,690	34,410	1.442,278	38,102	7,845	7,004	336,195	319,012	47,347	964,040
Blenda Cassandra	B110	0308	40	6,15	BLENDE	T	2.801,526	50,830	1,650	0,270	0,240	121,000	10,904	1,730	33,220	1.424,016	46,225	7,564	6,724	338,985	305,491	48,466	930,667
Blenda Cassandra	B110	0349	40	5,59	BLENDE	T	2.820,434	50,380	1,550	0,290	0,290	122,000	10,866	1,730	35,280	1.420,935	43,717	8,179	8,179	344,093	306,456	48,794	995,049
Blenda Cassandra	B110	0390	40	5,84	BLENDE	T	1.633,681	50,900	1,080	0,290	0,340	130,000	10,523	1,830	34,840	831,544	17,644	4,738	5,555	212,379	171,918	29,896	569,174
Blenda Penasquito	B154	0043A	40	8,14	BLENDE	T	1.011,957	53,460	1,530	0,300	0,280	385,000	3,352	4,090	32,490	540,992	15,483	3,036	2,833	389,603	33,923	41,389	328,785
Blenda Rosh Pinah	B155	0072	40	7,22	BLENDE	T	12.226,362	51,050	1,410	0,110	0,450	73,400	2,862	3,060	28,360	6.241,558	172,392	13,449	55,019	897,415	349,946	374,127	3.467,396
Blenda Rosh Pinah	B155	0359	40	8,30	BLENDE	T	3.259,263	51,990	1,710	0,140	0,700	102,000	4,006	2,610	31,180	1.694,491	55,733	4,563	22,815	332,445	130,552	85,067	1.016,238
Blenda Peruviana UC	B152	120386	40	6,81	BLENDE	T	1.077,105	55,260	0,610	0,180	2,220	110,000	5,164	1,720	33,460	595,208	6,570	1,939	23,912	118,482	55,626	18,526	360,399
Blenda Perkoa	B156	0079	40	6,55	BLENDE	T	10.984,769	46,770	0,120	0,170	0,090	28,203	10,236	3,930	29,540	5.137,576	13,182	18,674	9,886	309,803	1.124,352	431,701	3.244,901
Blenda Guemassa	B115	120369	40	8,46	BLENDE	T	95,313	47,510	1,900	0,100	1,430	50,000	11,099	2,840	31,450	45,283	1,811	0,095	1,363	4,766	10,579	2,707	29,976
Blenda Guemassa	B115	130117	40	8,77	BLENDE	T	2.141,289	45,330	1,120	0,080	0,950	85,000	14,801	2,650	31,670	970,646	23,982	1,713	20,342	182,010	316,935	56,744	678,146
Blenda Guemassa	B115	130462	40	10,01	BLENDE	T	4.211,158	47,110	1,000	0,080	0,780	57,000	10,204	3,050	32,010	1.983,876	42,112	3,369	32,847	240,036	429,725	128,440	1.347,992
Blenda Guemassa	B115	0019	40	9,88	BLENDE	T	3.621,544	45,940	0,960	0,080	0,920	60,000	13,736	2,730	32,690	1.663,737	34,767	2,897	33,318	217,293	497,439	98,868	1.183,883
Blenda Guemassa	B115	0109	40	9,24	BLENDE	T	6.397,694	46,160	1,000	0,080	0,820	100,000	12,981	2,700	32,250	2.953,176	63,977	5,118	52,461	639,769	830,492	172,738	2.063,256
Blenda Guemassa	B115	0175	40	9,49	BLENDE	T	1.197,472	44,080	1,000	0,080	0,730	63,000	14,498	2,980	33,230	527,846	11,975	0,958	8,742	75,441	173,607	35,685	397,920
Blenda Neves Corvo	B153	120308	40	9,67	BLENDE	T	3.593,614	47,590	1,520	0,100	1,640	96,000	11,698	1,420	34,680	1.710,201	54,623	3,594	58,935	344,987	420,373	51,029	1.246,265
Blenda Neves Corvo	B153	130396	40	9,41	BLENDE	T	1.459,172	46,180	2,450	0,120	1,030	115,000	11,527	1,470	35,690	673,846	35,750	1,751	15,029	167,805	168,194	21,450	520,778
Blenda Neves Corvo	B153	0001	40	11,00	BLENDE	T	4.255,454	47,660	1,770	0,130	1,400	70,000	11,643	1,590	36,150	2.028,149	75,322	5,532	59,576	297,882	495,477	67,662	1.538,347
Blenda Neves Corvo	B153	0126	40	10,36	BLENDE	T	4.669,235	46,500	1,690	0,120	1,340	104,227	12,227	1,500	35,970	2.171,194	78,910	5,603	62,568	486,660	570,892	70,039	1.679,524
Blenda Neves Corvo	B153	0209	40	9,39	BLENDE	T	4.521,062	46,140	1,470	0,120	1,130	98,627	12,149	1,740	36,360	2.086,018	66,460	5,425	51,088	445,899	549,259	78,666	1.643,858
Blenda Neves Corvo	B153	0258	40	9,86	BLENDE	T	4.566,180	45,340	1,360	0,110	0,950	105,000	13,246	1,670	36,690	2.070,306	62,100	5,023	43,379	479,449	604,816	76,255	1.675,331
Blenda Neves Corvo	B153	0353	40	9,19	BLENDE	T	4.451,760	46,520	1,480	0,130	0,650	82,000	11,791	1,720	34,880	2.070,959	65,886	5,787	28,936	365,044	524,912	76,570	1.552,774
Blenda Red Dog	B101	130319	40	8,85	BLENDE	T	14.541,570	55,290	2,600	0,340	0,160	105,000	3,702	4,010	31,240	8.040,034	378,081	49,441	23,267	1.526,865	538,361	583,117	4.542,786
Blenda Red Dog	B101	130367	40	8,84	BLENDE	T	4.026,199	54,470	2,960	0,350	0,160	108,000	3,928	4,040	31,400	2.193,071	119,175	14,092	6,442	434,829	158,140	162,658	1.264,226
Blenda Red Dog	B101	130368A	40	9,46	BLENDE	T	2.638,248	54,550	3,000	0,360	0,170	117,000	4,122	3,800	31,300	1.439,164	79,147	9,498	4,485	308,675	108,754	100,253	825,772
Blenda Red Dog	B101	130368B	40	9,46	BLENDE	T	8.873,757	54,550	3,000	0,360	0,170	117,000	4,122	3,800	31,300	4.840,634	266,213	31,946	15,085	1.038,230	365,796	337,203	2.777,486
Blenda Red Dog	B101	0368C	40	9,46	BLENDE	T	3.907,456	54,550	3,000	0,360	0,170	117,000	4,122	3,800	31,300	2.131,517	117,224	14,067	6,643	457,172	161,074	148,483	1.223,034
Blenda Red Dog	B101	0368D	40	9,46	BLENDE	T	3.919,353	54,550	3,000	0,360	0,170	117,000	4,122	3,800	31,300	2.138,007	117,581	14,110	6,663	458,564	161,564	148,935	1.226,757
Blenda Red Dog	B101	0368E	40	9,46	BLENDE	T	4.035,029	54,550	3,000	0,360	0,170	117,000	4,122	3,800	31,300	2.201,108	121,051	14,526	6,860	472,098	166,333	153,331	1.262,964
Blenda Red Dog	B101	0368F	40	9,46	BLENDE	T	2.572,388	54,550	3,000,														

Ossido Waelz Lavato	OWZL	0031	40	9,78	SEMILAV	T	615,192	70,520	5,330	0,370	0,100	46,602	1,159	0,200	0,920	433,833	32,790	2,276	0,615	28,669	7,129	1,230	5,660
Ossido Waelz Lavato	OWZL	0032	40	6,44	SEMILAV	T	451,277	68,650	5,290	0,360	0,090	46,602	1,330	0,210	0,840	309,802	23,873	1,625	0,406	21,030	6,002	0,948	3,791
Ossido Waelz Lavato	OWZL	0033	40	6,01	SEMILAV	T	1.176,943	65,906	5,254	0,340	0,005	48,485	1,579	0,320	0,870	775,675	61,841	4,006	0,059	57,064	18,583	3,766	10,239
Ossido Waelz Lavato	OWZL	0034	40	5,81	SEMILAV	T	691,430	65,906	5,254	0,340	0,005	48,485	1,143	0,190	0,570	455,693	36,330	2,353	0,035	33,524	7,905	1,314	3,941
Ossido Waelz Lavato	OWZL	0035	40	7,36	SEMILAV	T	1.025,928	69,720	5,330	0,360	0,110	48,485	1,143	0,100	0,670	715,277	54,682	3,693	1,129	49,742	11,730	1,026	6,874
Ossido Waelz Lavato	OWZL	0036	40	5,96	SEMILAV	T	117,148	69,810	5,450	0,340	0,090	48,485	1,509	0,180	0,960	81,781	6,385	0,398	0,105	5,680	1,768	0,211	1,125
Finis Tuzie da Fusione	FTU		40	0,00	RECUPE	T	5.566,706	79,000								4.397,698							
Finis Tuzie da Polvere	FTP		40	0,00	RECUPE	T	2.525,738	79,000								1.995,333							
TOTALE BLENDE							161.611,675	50,930	1,869	0,229	0,466	100,554	7,718	2,832	32,474	82.308,363	3.021,271	369,544	752,512	16.250,657	12.473,126	4.577,254	52.481,471
TOTALE OSSIDI							29.803,954	68,840	5,203	0,267	0,078	50,190	1,301	0,519	0,847	20.517,073	1.550,747	79,568	23,387	1.495,857	387,779	154,576	252,348
TOT FINI TUZIE							8.092,444	79,000								6.393,031							
TOTALE ALIMENTAZIONE							199.508,073	54,744	2,292	0,225	0,389	88,951	6,446	2,372	26,432	109.218,467	4.572,018	449,112	775,899	17.746,514	12.860,906	4.731,830	52.733,819

PRODUZIONI																						
CALCINATO	CAL	40	0,00	SEMILAV	P	178.972,672	61,025	2,555	0,251	0,434	99,158	7,186	2,644	2,501	109.218,467	4.572,018	449,112	775,899	17.746,514	12.860,906	4.731,830	4.475,732
ACIDO SOLFORICO CHIARO	ACIC	41	0,00	PRODOT	P	147.669,747																
ACIDO SOLFORICO CHIARO	ACIC	42	0,00	PRODOT	T	12.486,016																
CALOMELANO	CLM	41	0,00	PRODOT	P																	

Acido ARR netto	135.183,731
Acido KSS	59.750,000
Acido autoconsumo LIX	12.486,016
ACIDO SOLFORICO CHIARO	207.419,747