SUMATRAN RHINO SANCTUARY WAY KAMBAS NATIONAL PARK SUMATRA, INDONESIA



## PERIODIC

## CURATOR REPORT

January – December 2007

# SUMATRAN RHINO SANCTUARY, Way Kambas NP, SumatraCUMULATIVE MONTHLY REPORT2007

### Date of completion of SRS Monthly Report

Report	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08
Date	28	31	30	31	30	31	31	29	5	30	15	10

#### **ANIMAL SECTION**

#### Standard Weight Tables (kg)

TORGAMBA	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
week 1	679	688	-	695	682	-	701	635	682	690	705	-
week 2	688	691	695	691	696	664	695	685	-	674	695	708
week 3	711	-	710	678	682	704	695	680	689	700	684	679
week 4	-	677	691	-	703	679	686	660	672	726	704	672
week 5	-	-	705	-	710	-	-	-	-	730	682	-
Mean	693	685	700	688	695	682	694	665	681	704	694	686
BINA	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
week 1	665	686	-	668	680	-	727	-	725	737	-	-
week 2	688	-	692	690	700	708	712	-	725	734	722	735
week 3	-	-	701	-	691	705	705	-	743	727	724	735
week 4	686	684	660	-	704	708	717	725	726	712	733	751
week 5	688	-	711	-	714	708	-	737	-	733	725	-
Mean	682	685	691	679	698	707	715	731	730	729	726	740
RATU	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
week 1	547	548	-	556	553	-	566	-	552	571	-	-
week 2	557	551	547	577	550	530	559	-	558	-	565	563
week 3		-	-	552	556	554	564	-	573	553	-	556
week 4		543	566	-	548	561	551	557	578	559	555	537
week 5	544	-	551	-	566	549	-	-	-	568	562	-
Mean	549	547	555	562	555	549	560	557	565	563	561	552
ROSA	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
week 1	564	575	570	555	564	-	573	588	577	577	-	-
week 2	-	566	560	560	557	569	595		595	-	583	588
week 3	-	-	-	561	577	574	586		595	580	588	595
week 4	562	553	537	-	577	588	581	584	570		581	597
week 5	-	-	576	-	588	594	-	-	-	593	588	-
Mean	563	565	561	559	573	581	584	586	584	583	585	593
ANDALAS	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
week 1	-	-	-	655	673	-	709	716	739	725	-	-
week 2	-	-	662	675	665	662	705	715	730	737	741	773
week 3	-	660	664	671	687	663	707	730	725	721	719	755
week 4	-	668	671	-	681	677	706	715	734	720	749	764
week 5	-	-	666	-	687	698	712	737	-	754	754	-
Mean	-	664	666	667	679	675	708	723	732	731	741	764

#### Standard Food Table

B=Browse; F=Fruits (in Kg).

TORGAMBA	Jan-0	7	Feb	-07	Ма	r-07	Ар	r-07	Ма	y-07	Jur	n-07	Ju	I-07	Au	g-06	Sep	o-07	Oc	t-07	No	v-07	Dec	-07
	BF		В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F
week 1	39 4.	5	39	7.3	42	8.5	42	8.5	41	8.7	47	8.2	43	8.7	29	11	31	17	33	14	44	14	41	11
week 2	41 8.	0	42	8.5	41	7.8	41	7.8	43	7.8	44	10	43	9.3	32	11	29	13	34	14	40	13	42	11
week 3	41 6.	7	39	7.9	45	8.6	45	8.6	43	8.9	48	9.0	39	10	25	11	33	16	40	14	38	13	47	21
week 4	43 8.	9	41	7.5	42	9.4	42	9.4	38	10	41	8.0	16	8.0	28	11	30	15	37	13	35	9.0	43	9
Mean	41 7.	0	40	7.8	43	8.6	43	8.6	41	8.9	45	8.8	35	9.0	29	11	31	15	36	14	39	12	43	13
BINA	Jan-0	7	Feb	-07	Ма	r-07	Ар	r-07	Ма	y-07	Jur	n-07	Ju	I-07	Au	g-06	Sep	<b>b-07</b>	Ос	t-07	No	v-07	Dec	-07
	BF		В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F
week 1	34 4.		33	4.8	26	5.5	31	5.5	33	5.7	37	3.9	37	6.4	31	6.8	37	7.0	25	6.0	28	6.2	32	5.0
week 2	27 5.	4	31	5.4	31	5.0	30	6.8	38	6.0	31	7.5	32	7.7	28	6.3	31	5.0	30	6.0	30	5.4	33	5.8
week 3	31 4.	4	26	4.4	29	5.0	35	6.0	34	5.7	36	7.1	32	6.4	30	6.1	33	6.0	32	5.0	32	6.3	30	6.4
week 4	35 2.	2	16	2.2	34	5.0	27	5.3	37	6.3	32	7.4	35	6.4	31	6.8	27	7.0	32	5.0	26	4.3	29	5.6
Mean	32 4.	2	27	4.2	30	5.1	31	5.9	36	5.9	34	6.5	34	6.7	30	6.5	32	6.3	30	5.5	29	5.6	31	5.7
RATU	Jan-0	7	Feb	-07	Ма	r-07	Ар	r-07	Ма	y-07	Jur	n-07	Ju	I-07	Au	g-06	Sep	<b>b-07</b>	Oc	t-07	No	v-07	Dec	:-07
	BF		В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F
week 1	19 3.	2	24	5.2	28	5.2	22	4.9	23	6.1	27	4.8	22	6.4	21	7.8	26	8.0	22	6.0	21	6.0	24	5.0
week 2	21 5.	9	25	4.7	29	4.6	20	5.7	25	6.5	28	6.5	22	6.7	21	8.3	26	7.5	26	7.0	24	6.0	28	6.0
week 3	21 5.	0	25	4.3	22	4.5	22	5.7	23	5.1	27	7.0	26	5.9	21	7.3	24	7.0	23	5.0	24	6.0	29	6.0
week 4	17 6.	6	12	2.8	18	5.2	21	5.7	20	6.3	25	6.9	19	6.6	24	7.7	19	6.8	18	5.0	20	4.0	22	6.3
Mean	20 5.	2	22	4.3	24	4.9	21	5.5	23	6.0	27	6.3	22	6.4	22	7.8	24	7.3	22	5.8	22	5.5	26	5.8
ROSA	Jan-0	7	Feb	-07	Ма	r-07	Ap	r-07	Ма	v-07	Jur	1-07	Ju	1-07	Au	g-06	Ser	<b>b-07</b>	Oc	t-07	No	v-07	Dec	-07
	BF	-	B	F	В	F	B	F	В	F	В	F	В	F	В	F	B	F	В	F	В	F	В	F
week 1	23 3.	5	23	5.0	22	4.4	18	5.6	22	6.1	23	5.7	20	6.6	16	6.4	25	8.0	21	8.0	24	6.7	23	6.0
week 2	24 5.	0	25	6.1	24	5.3	20	6.8	23	6.9	22	7.2	11	6.6	14	7.6	26	7.0	25	7.0	22	6.0	24	6.0
week 3	24 5.	2	26	5.1	24	5.6	20	5.5	23	6.3	23	6.5	22	6.8	14	6.1	24	7.0	22	5.0	25	6.0	24	7.0
week 4	25 6.	7	13	2.4	25	5.6	21	6.2	23	7.2	20	6.4	24	6.5	20	5.9	23	6.0	25	5.0	22	5.0	23	6.0
Mean	24 5.	1	22	4.7	24	5.2	20	6.0	23	6.6	22	6.5	19	6.6	16	6.5	25	7.0	23	6.3	23	5.9	24	6.3
ANDALAS	Jan-0	7	Feb	-07	Ма	r-07	Ар	r-07	Ма	y-07	Jur	n-07	Ju	I-07	Au	g-06	Sep	<b>b-07</b>	Oc	t-07	No	v-07	Dec	-07
	BF	: [	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F	В	F
week 1	-   -		- ]	-	24	6.5	34	6.7	38	9.1	34	7.0	40	12	43	13	43	13	37	12	40	11	44	9
week 2			- ]	- ]	28	6.7	36	7.2	35	8.5	35	12	42	14	43	12	43	11	36	12	40	10	38	9
week 3			- 1	-	31	6.7	36	7.6	38	9.2	37	13	41	11	41	12	32	11	37	9.0	42	10	45	11
week 4			-	-	26	7.7	30	6.9		7.2	35	11	43	11	45	14	27	13	38	9.0	35	9.0	44	7
Mean	-   -		- ]	-	27	6.9	34	7.1	36	8.5	35	11	42	12	43	13	36	12	37	11	39	10	43	9

#### **Food Supplement Tables**

<b>AMBA</b>	Preparation, dosage, methods etc	Comments
Jan-07	- Phosphorus 3 cup/day PO	
	- Missing Link (fatty acid, omega 3,6) ½ cup/days PO	
	- Bio Bloom a cup/day PO	
	- Herbal (radix alang-alang, kumis kucing, pasak bumi) 4 liter/day and Mengkudu	
	fruit 1-2 kg/day	
	- Normal salt	
Feb-07	<ul> <li>Phosphorus 3 cup/day PO</li> </ul>	
	<ul> <li>Missing Link (fatty acid, omega 3,6) ½ cup/days PO</li> </ul>	
	- Bio Bloom a cup/day PO	
	- Herbal	
	- Normal salt	
Mar-07	- Phosphorus 3 cup/day PO	
	<ul> <li>Missing Link (fatty acid, omega 3,6) ½ cup/days PO</li> </ul>	
	- Bio Bloom a cup/day PO	
	- Herbal	
	- Normal salt	
Apr-07	- Phosphorus 3 cup/day PO	Little bit weakness after succes
	- Missing Link (fatty acid, omega 3,6) ½ cup/days PO	breed
	- Bio Bloom a cup/day PO	
	- Herbal	
	- Normal salt	
May-07	- Phosphorus 3 cup/day PO	
	- Missing Link (fatty acid, omega 3,6) ½ cup/days PO	
	- Hoof maker 1 sachet/day PO	
	- Herbal	
Jun-07	- Phosphorus 3 cup/day PO	Little bit weakness after succe
	- Missing Link (fatty acid, omega 3,6) ½ cup/days PO	breed
	- Hoof maker 1 sachet/day PO	
	- Herbal	
Jul-07	- Phosphorus 3 cup/day PO	Healthy until 20 July Eye
	- Missing Link (fatty acid, omega 3,6) ½ cup/days PO	problem on 21 July July 30 8
	- Hoof maker 1 sachet/day PO	31 looks very weak & very sicl
	- Herbal	
	- Normal salt	
Aug-07		Weakness and loss appetite
	<ul> <li>Missing Link (fatty acid, omega 3,6) 1 cup/days PO</li> </ul>	Since he has problem, we give
	<ul> <li>Normal salt, electrolytes and amino acid</li> </ul>	hand feeding (leaf mix fruits or
	<ul> <li>Carnitol and Tripart supplement PO</li> </ul>	bread)
Sep-07	- Phosphorus 3 cup/day PO	Since 28 Aug release to big
	<ul> <li>Missing Link (fatty acid, omega 3,6) 1 cup/days PO</li> </ul>	paddock to let him browse and
	<ul> <li>Normal salt, electrolytes and amino acid</li> </ul>	wandering.
	- Carnitol and Tripart supplement PO	
Oct-07		
	<ul> <li>Missing Link (fatty acid, omega 3,6) 1 cup/days PO</li> </ul>	Stabile condition (under contro
	<ul> <li>Electrolytes until 16 Oct (empty), after that Normal salt+sugar</li> </ul>	
	- Neurobion 10 tab 1-2x/week	
	- Pro biotic (yakult) 15 bottles/day (@ 5 bottles) for 2 days	
Nov-07	- Phosphorus 3 cup/day PO	
	- Missing Link (fatty acid, omega 3,6) 1 cup/days PO	
	- Normal salt, electrolytes and amino acid	
		-
Dec-07	- Phosphorus 3 cup/day PO	Boma

BINA	Preparation, dosage, methods etc	Comments
Jan		
Feb-	07 - Mineral Block	
Mar	07 - Mineral Block	
Apr-	07 - Mineral Block	
May	07 - Mineral Block	
Jun	07 - Mineral Block	
Jul	07 - Mineral Block	
Aug	07 - Mineral block	
Sep	07 - Mineral block	
Oct	07 - Mineral block	Healthy
Nov	07 - Mineral block	
Dec	07 - Mineral block	
RATU	Preparation, dosage, methods etc	Comments
-	07 - Mineral Block	
Feb		
Mar		
Apr-		
May-		
Jun		
Jul		
Aug		
Sep		
Oct-		Healthy
	07 - Mineral block	
Dec		
ROSA	Preparation, dosage, methods etc	Comments
	07 - Mineral Block	
Feb		
Mar-		
Apr-		
May-		
Jun-		
Jul		
Aug-		
Sep		
Oct-		
	- Hoof Dressing/drunken till Dec 20 and change with topical AB ointment	
Nov		
Dec	07 - Mineral block	
ANDALAS	Preparation, dosage, methods etc	Comments
Feb		Comments
Mar-		
Apr-	initial Block	
May-		
Jun		Does not like Herbs much
oun	<ul> <li>Ministra block</li> <li>Missing Link ½ cup/days PO since June 6</li> </ul>	
	- Herbal (same with Torgamba) since June 9	
Jul		Healthy
our	- Missing Link ½ cup/days PO	Hand feeding (leaf mix fruits) for
	- Herbal (same with Torgamba)	increase leaves intake
Aug		Healthy (head wounds)
	- Missing Link ½ cup/days PO	Hand feeding (leaf mix fruits) for
	- Herbal (same with Torgamba)	increase leaves intake
Sep		Healthy (head wounds)
<b>-</b>	- Missing Link ½ cup/days PO	
	- Herbal (same with Torgamba)	Hand feeding (leaf mix fruits)
Oct		Healthy (head wounds)
001	- Neurobion 10 tab 1x/week	
Nov		New head wounds from coutship
	- Missing Link ½ cup/days PO	with Ratu
	- Herbal	
Dec		
200	- Missing Link ½ cup/days PO, empty supply on 6 Dec	
	- Herbal	
	- Hoof supplement 1 cup/day, begin 30 Dec	Hoof problem

GAMBA		Tests performed	Results	Comments
Jan-07	16	<ul> <li>blood hematology &amp;</li> </ul>		T's condition stabile. Blood
		chemistry	Low) and Chemistry (Bilirubin, Ureum,	smear analyzed in IPB Bogor.
			creatinin high) $\rightarrow$ Kidney disease	Blood collected on ear vein with
		<ul> <li>blood smear</li> </ul>	- Positive Blood Parasites ( <i>Theileria sp</i> 0,1%)	standing method in the chute
		- serum (Ca:P)	- Fluctuate value	
	weekly	- fecal	- Normal	
	weekly	- urine	- SG 1.010 - 1.012, trace (protein)	
Feb-07	,	- blood hematology &	- Hematology: Anemia (RBC, HB and PCV	T's condition stabile. Blood
		chemistry	Low) and Chemistry (Bilirubin, Ureum,	collected on ear vein with
		,	creatinin high) $\rightarrow$ Kidney disease	standing method in the chute
		- blood smear	- No identification	
		- serum (Ca:P)	- Stabile value	
	weekly	- fecal	- Normal	
	weekly	- urine	- SG 1.010	
Mar-07				
war-ur	3, 14	- blood hematology &	- 3: Hematology: Anemia (RBC, HB and PCV	
		chemistry	Low) and Chemistry (Bilirubin, Ureum,	
			creatinin high) $\rightarrow$ Kidney disease	
	l l		- 14: Hematology Anemia (RBC, HB & PCV	
	l l	blood amoor	Low) and Chemistry (Ureum, Creatinin high)	
		- blood smear	- Positive Theileria, Babesia & Anaplasma	
	L	- serum (Ca:P)	- in balance value	
	2 time /	- fecal	- Normal	
	week	- urine	- SG 1.008 - 1.010, trace (protein)	
Apr-07	3, 23	<ul> <li>blood hematology &amp;</li> </ul>	- 3: Hematology Anemia (RBC, HB and PCV	
		chemistry	Low), High Monosit and Chemistry (Ureum,	
			Creatinin, SGPT high) $\rightarrow$ Kidney disease	
			- 23: Hematology Anemia (RBC, HB & PCV	
			Low) and Chemistry (Ureum, Creatinin high)	
		<ul> <li>blood smear</li> </ul>	- Positive Theileria, Babesia & Anaplasma	
		- serum (Ca:P)	- in balance rasio calcium-phospor	
	2 time /	- fecal	- Normal	
	week	- urine	- SG 1.008 - 1.010, trace (protein)	
May-07	23	- blood hematology &	- 23: Hematology Anemia (RBC, HB & PCV	
<b>,</b>		chemistry	Low) and Chemistry (Ureum, Creatinin high) $\rightarrow$	
		,	Kidney disease	
		- blood smear	- Positive Theileria, Babesia & Anaplasma	
		- serum (Ca:P)	- in balance rasio calcium-phospor	
	0.11		- Normal	
	2 time / 1			
	2 time / week	- fecal		
lup 07	week	- fecal - urine	- SG 1.008 - 1.010, trace (protein)	Stabile condition Blood exam
Jun-07	week	- fecal - urine - blood hematology &	- SG 1.008 - 1.010, trace (protein) - 2: Hematology Anemia (RBC 4.1, HB 11.5 Low	
Jun-07	week	- fecal - urine	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and</li> </ul>	on ear vein with standing metho
Jun-07	week	- fecal - urine - blood hematology &	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin</li> </ul>	
Jun-07	week	- fecal - urine - blood hematology &	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> </ul>	on ear vein with standing metho
Jun-07	week	- fecal - urine - blood hematology &	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and</li> </ul>	on ear vein with standing metho
Jun-07	week	- fecal - urine - blood hematology &	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry</li> </ul>	on ear vein with standing metho
Jun-07	week	- fecal - urine - blood hematology &	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) →</li> </ul>	on ear vein with standing metho
Jun-07	week 2, 21	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> </ul>	on ear vein with standing metho
Jun-07	week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> </ul>	on ear vein with standing metho
	week 2, 21 5	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> </ul>	on ear vein with standing metho
	week 2, 21 5 2 time /	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> </ul>	on ear vein with standing metho
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> </ul>	on ear vein with standing metho in the chute
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp;</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3</li> </ul>	on ear vein with standing metho in the chute
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp;</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3 31: Hematology Anemia (RBC 3.07, HB 8.3</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp;</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp;</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3 31: Hematology Anemia (RBC 3.07, HB 8.3 and PCV 25.1) and Chemistry (Ureum 50,</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
	week 2, 21 5 2 time / week	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp;</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3 31: Hematology Anemia (RBC 3.07, HB 8.3 and PCV 25.1) and Chemistry (Ureum 50, creatinin 3.56 high) → Kidney problem</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
	week 2, 21 5 2 time / week 9,31	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease 21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3 31: Hematology Anemia (RBC 3.07, HB 8.3 and PCV 25.1) and Chemistry (Ureum 50, creatinin 3.56 high) → Kidney problem</li> <li>Negative blood parasites</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.
Jul-07	week 2, 21 5 2 time / week 9,31 9	<ul> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>serum (Ca:P)</li> <li>fecal</li> <li>urine</li> <li>blood hematology &amp; chemistry</li> <li>blood smear</li> <li>blood smear</li> <li>blood smear</li> </ul>	<ul> <li>SG 1.008 - 1.010, trace (protein)</li> <li>2: Hematology Anemia (RBC 4.1, HB 11.5 Low but PCV Normal 34.5), high monosit and Chemistry (Bilirubin 0.6, Ureum 32, creatinin 2.77 high) → Kidney disease</li> <li>21: Hematology better (RBC 4.2, HB 11.5 and PCV 35.1), high eosin 9 and Chemistry (Ureum 22, creatinin 2.65 high) → Kidney disease</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>in balance rasio calcium-phospor</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>9: Hematology Anemia (RBC 4.62, HB 12.4 Low but PCV Normal 38.3 31: Hematology Anemia (RBC 3.07, HB 8.3 and PCV 25.1) and Chemistry (Ureum 50, creatinin 3.56 high) → Kidney problem</li> </ul>	on ear vein with standing metho in the chute - Stabile condition until 20 July.

Medical Test Performed (all routine and special tests performed, including blood, faeces, urine, etc)

	1, 3, 6, 8, 9, 12, 13, 17,	<ul> <li>blood hematology &amp; chemistry</li> </ul>	- 1: Hematology: anemia (RBC 2.9, HB 7.8, PCV 29.8), eosin 10 and Kidney problem (Ureum 31, creat 2.77)	(1) Torgamba looks very weak. Signs showed the possibility of deep dehydration
	19, 21		<ul> <li>- 3: Hematology: anemia (RBC 3.6, HB 9.7, PCV 23.6 and Kidney problem (Ureum 22, Creat 2.71)</li> <li>- 6: Kidney problem (Ureum 32, creat 3.3)</li> <li>- 8: Hematology: anemia (RBC 3.3, HB 9.0, PCV 27.2 and Kidney problem (Ureum 24, 9: Hematology: anemia (RBC 3.8, HB 9.7, PCV 30.8), bilirubin 0.65 and Kidney problem (Ureum 42, creat 3.24)</li> <li>- 12: Hematology: anemia (RBC 3.0, HB 8.2, PCV 24.4), bilirubin 1 and Kidney problem (Ureum 48, creat 4.02)</li> <li>- 13: Hematology: anemia (RBC 3.77, HB 10, PCV 30.6), bilirubin 0.7 and Kidney problem (Ureum 45, creat 3.67)</li> <li>- 17: Hematology: anemia (RBC 3.77, HB 10, PCV 35.4) and Kidney problem (Ureum 36, creat 3.12)</li> <li>- 19: better (RBC 4.75, HB 12.4, PCV 38.4), bilirubin 0.81 and Kidney problem (Ureum 33,</li> </ul>	<ul> <li>(2) Looked stress in the stall especially in the chute.</li> <li>(3) More treatments &amp; medical procedure in the stall (sedative, injection, infusion, palpation, noisy, more people, etc)</li> <li>(4) Blood collection &amp; exam wer done almost every 2-3 days</li> <li>(5) Torgamba seems prefer to release to big paddock but very risky to apply medical procedure if he did not want to back to the stall.</li> <li>(6) at 21 release to big paddock after 20 days only in the stall an boma at 3A, met Ratu and wandering around center area, looked happier, and entered paddock 1A</li> </ul>
		- Blood smear	creat 3.19) - 21: good (RBC 4.75, HB 12.4, PCV 38.4) and Kidney problem (Ureum 40, normal creat 1.86) - 26: good (RBC 4.4, HB 11.2, PCV 34.2) and Kidney problem (Ureum 32, normal creat 1.41) - Positive Blood parasites ( <i>Theileria sp</i> and	(7) at 29 release again in big paddock 3A and since that never back to the stall, but looked mor comfortable and more active in the forest, more browse and looked much less stress
	12, 13	- Serum (Ca:P)	Anaplasma sp) - 12: Normal in ppm (Ca 124, P 44, Mg 80, K 168, Na 3065, Fe 1.25, Zn 0.5) 13: Normal in ppm (Ca 145, P 57, Mg 88, K 1350, Na 1405, Fa 0.7, Zn 2.05)	Balance ratio of Calcium Phosphor (124:44 and 145:57), means 3 : 1, which is good!
	2 time/ week	- Faecal - Urine	1350, Na 1495, Fe 0.7, Zn 2.05) - Normal (little soft) SC 1.005 - 1.010, protein trace, 0.2	
Sep-07		<ul> <li>blood hematology &amp; chemistry</li> </ul>	<ul> <li>SG 1.005 - 1.010, protein trace - 0.3</li> <li>19: Hematology: Anemia (RBC 3.33, HB 8.7 and PCV 25.8) and Chemistry (Ureum 28, creatinin 2.07 high) → Kidney problem</li> </ul>	much less weakness, more stabile
	2 time /	- fecal	- Normal	After de-worming 20 sept
	week	- urine	- Normal	
Oct-07	1, 26	<ul> <li>blood hematology &amp; chemistry</li> </ul>	<ul> <li>1: Hematology: RBC 4.18, HB 10.8, PCV 32.4, monosit 10) &amp; Chemistry: Ureum 30, creat</li> <li>3.35 - Kidney problem, Mineral: Ca 70, P 37.</li> </ul>	Stabile with sometime looks weakness and tired.
			<ul> <li>- 26: Hematology: RBC 3.91, WBC 8500, HB</li> <li>10.1, PCV 30.6, monosit 9, Ureum 16,</li> <li>Creatinin 2.93, LDH 578. Mineral: Ca 79,P 24,</li> <li>Mg 105, K 150, Na 2400, Fe 1.00 and Zn 1.40</li> <li>(ppm)</li> </ul>	Still easy to get the blood in the chute.
	2 time /	- fecal	- Normal	
	week	- urine	- Normal	
Nov-07	22	<ul> <li>Blood hematology and chemistry</li> </ul>	<ul> <li>- 22: Hematology: Soft Anemia (RBC 3.51, HB 9.2 and PCV 27.7) and Chemistry (Ureum 22, creatinin 2.66 high) → Still</li> </ul>	Good condition and still easy go the blood
			Kidney problem	
·	29	- fecal	Kidney problem - Normal	

Dec-07	7	- Blood iSTAT,	- iSTAT result (CG 8+ AT pt 36.5, pH 7.496,	Easy to collect
		hematology &	PCO2 34.9, PO2 74), (G3+ AT pt 37, pH	Serum for mineral, on going
		chemistry	7.448, PCO2 39.6, PO2 44, BE ecf 3. HCO3	analysis in Bogor
			27.4, TCO3 29 and SO2 82), BE ecf 4, HCO3	
			27.1, TCO3 28, SO2 96, Na 126, K 5, iCa	
			1.90, Glu 96. Stabile (still low RBC 3.08, HB 8,	
			PCV 24.3, Ureum 10, Creatinin 2.13 and other	
			parameter are normal)	
	23	- Blood iSTAT,	- iSTAT result (CG 8+ AT pt 37, pH 7.376, PCO2	
		hematology &	33, PO2 143), (AT pt 36.9, pH 7.379, PCO2	
		chemistry	32.7, PO2 142), BE ecf -6, HCO3 19.3, TCO3	
		,	20, SO2 99, Na 127, K 4, iCa 1.01, Glu 69.	
			Stabile (still low RBC 3.73, HB 9.8, PCV 30.4,	
			Ureum 33, Creatinin 2.47 and other parameter	
			are normal)	
•	weekly	- fecal	- Normal	
	weekiy	- urine		
NA	Date	Tests performed	- Normal Results	Comments
Jan-07		- Blood hematology &		Blood collected on ear with la
		chemistry	normal	down method. Blood smear
		- blood smear	- Positive Blood Parasites ( <i>Theileria sp</i> )	analyzed in IPB Bogor
ł	weekly	- fecal	- Normal	,
-			- Normal	4
	weekly	- urine		
Feb-07	13	- Blood hematology &		Blood collected on ear with la
		chemistry	normal	down method.
		- blood smear	- Positive Blood Parasites (Theileria sp)	
	weekly	- fecal	- Normal	
	weekly	- urine	- Normal	
Mar-07	4	- Blood hematology &	- Soft Anemia (HB & RBC low), Chemistry:	Blood collected on ear with la
		chemistry	normal	down method.
		- blood smear	- Positive Theileria, Babesia & Anaplasma	
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> low)	
-	weekly	- urine	- Normal	-
Apr-07		- Blood hematology &	- Soft Anemia (HB & RBC low), Chemistry:	Blood collected on ear with la
Api-07	1	chemistry	normal	down method.
		- blood smear		down method.
	waaldu		- Positive Theileria, Babesia & Anaplasma	-
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> low)	-
		- urine	- Normal	
May-07	weekly	- fecal	- Helminthes high (Strongylus sp) and Protozoa	
			(low)	
		- urine	- Normal	
Jun-07	11	- Blood hematology &	- Hematology: high of RBC and HB. Chemistry:	Blood collected on ear with la
		chemistry	normal	down method.
		- Blood smear	- Negative	
ľ	weekly	- Fecal	- Protozoa (low)	
Jul-07		- Blood hematology &	- Hematology: high of RBC and HB. Chemistry:	Blood collected on ear with la
		chemistry	normal	down method.
		- Blood smear	- Negative	
	weekly	- Fecal	- Protozoa (ciliata +)	1
	weekiy	- Urine	- Normal	4
A	45			
Aug-07	15	- Blood hematology &	- Hematology: Normal	Blood collected on ear with la
		chemistry	Chemistry: normal	down method.
-		- Blood smear	- Negative	-
	weekly	- Fecal	- Normal	
		- Urine	- Normal	
Sep-07		- No blood exam		
-	weekly	- fecal	- Normal	After de-worming 19 sept
	weekly	- urine	- Normal	
Oct-07		- No blood exam		
	weekly		Found Ciliata (protozoa)	
-	-	- fecal	- Found Ciliata (protozoa)	low
	weekly	- urine	- Normal	
Nov-07		- Blood		22-25: Blood exam but
-	~~	- fecal	- Normal:paramphistomum egg small	unsuccess
-	29	local		
-	29	- urine	quantities - Normal	

Dec-07	11	Blood iSTAT	- iSTAT result (G3+ AT pt 37, pH 7.709, PCO2 8.7, PO2 148), BE ecf -9, HCO3 11, TCO3 11, SO2 100	Difficult to collect
	15	Blood iSTAT	- iSTAT result (CG 8+ AT pt 37, pH 7.355, PCO2 36.9, PO2 42), (AT pt 36.9, pH 7.357, PCO2 46.7, PO2 41), BE ecf 1, HCO3 26.2, TCO3 28, SO2 74, Na 133, K 4.1, iCa 1.65, Glu 81.	Easy to collect
	23	- Blood iSTAT, hematology & chemistry	- iSTAT result (First CG 8+ AT pt 37, pH 7.418, PCO2 33.6, PO2 141), (AT pt 36.6, pH 7.424, PCO2 33, PO2 139), BE ecf -3, HCO3 21.7, TCO3 23, SO2 99, Na 121, K 3.6, iCa 0.56, Glu 72. (Second CG 8+ AT pt 37, pH 7.407, PCO2 35.4, PO2 165), (AT pt 36.6, pH 7.413, PCO2 34.7, PO2 163), BE ecf -2, HCO3 22.2, TCO3 23, SO2 100, Na 122, K 3.7, iCa no result?, Glu 73 Healthy (little bit low RBC 5.07, HB 13.2, PCV 38.8, Ureum25, Creatinin 1.24 and other parameter are normal)	Easy to collect Serum for mineral, on going analysis in Bogor
	weekly	- Fecal	- Normal	
		- urine	- Normal	
-	Date	Tests performed	Results	Comments
Jan-07	weekly	- fecal - urine	- Normal - Normal	
Feb-07	weekly	- fecal	- Normal	-
100-07	weekiy	- urine	- Normal	
Mar-07	4	<ul> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	<ul> <li>Soft Anemia (HB &amp; RBC low), Chemistry: normal</li> </ul>	Blood collected on tail with standing method in the chute
	weekly	- fecal	- Positive <i>Theileria, Babesia &amp; Anaplasma</i> - Protozoa ( <i>Ciliata</i> high)	-
	weekly	- urine	- Normal	1
Apr-07		<ul> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>		Blood collected on tail with standing method in the chute
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> high)	1
	weekly	- urine	- Normal	
May-07		<ul> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	- NA	Blood collected on tail with standing method in the chute
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> high)	
h.m. 07	weekly	- urine	- Normal	
Jun-07	13	<ul> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	- NA	Blood collected on tail with standing method in the chute
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> high)	
	weekly	- urine	- Normal	
	weekly weekly	- fecal - urine	- Protozoa ( <i>Ciliata</i> high) - Normal	4
Aug-07	,	- Serum (mineral)	- Normal in ppm (Ca 168, Mg 62, K 3110, Na 1366, Fe 0.5, Zn 1.45)	Blood collected on tail with standing method in the chute
		- blood smear	- Negative	
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> high)	
	weekly	- urine	- Normal	After de worming 20 cent
Sep-07		- fecal	- Normal - Normal	After de-worming 20 sept
Oct-07	weekly	<ul> <li>urine</li> <li>No blood exam</li> </ul>	- NUIIIdi	
001-07		- fecal	- Normal	4
	weekly			
	weekly weekly		- Normal	1
	weekly	- urine - Blood	- Normal 	22, 24 and 29: Blood exam bu
	weekly	- urine		22, 24 and 29: Blood exam bu unsuccess

Dec-07	13	Blood iSTAT	<ul> <li>- iSTAT result AT pt 37, pH 7.376, PCO2 46.6,</li> <li>PO2 23 (AT pt 37.8, pH 7.365, PCO2 48.3,</li> <li>PO2 24), BE ecf 2, HCO3 27.3, TCO3 29, SO2 37, Na 131, K 4.9, iCa 1.51, Glu 79.</li> </ul>	Difficult to collect
	14	Blood iSTAT	- iSTAT result AT pt 37, pH 7.4825, PCO2 36.7, PO2 172 (AT pt 37.5, pH 7.474, PCO2 37.5, PO2 175), BE ecf 4, HCO3 27.4, TCO3 29, SO2 100, Na 128, K 3.9, iCa 1.42, Glu 112.	Easy to collect
	23	- Blood iSTAT, hematology & chemistry	- iSTAT result AT pt 37, pH 7.445, PCO2 37.4, PO2 180 (AT pt 37.6, pH 7.436, PCO2 38.4, PO2 183), BE ecf 2, HCO3 25.7, TCO3 27, SO2 100, Na 128, K 3.7, iCa 1.03, Glu 86. Healthy (RBC 5.53, HB 13.2, PCV 40.2 and other parameter are normal)	Easy to collect Serum for mineral, on going analysis in Bogor
	weekly	- fecal - urine	- Still founded Paramphistomum egg - Normal	Fluke still there
ROSA	Date	Tests performed	Results	Comments
Dec-06		- blood (hematology)	- Little low	
200 00		- blood chemistry	- Normal	
	weekly	- fecal	<ul> <li>Positive Trematoda (fasciola sp) or paramphystomum sp but low infection</li> </ul>	
	weekly	- urine	- Normal	
Jan-07	24	- Blood hematology	- Hematology: little low	Blood collected on ear with lay
		- blood chemistry	- Normal	down method.
	weekhy	- blood smear	- Positive Theileria sp 0.1 %	Diand amount analytics in IDD
	weekly weekly	- fecal - urine	- Normal - Normal	Blood smear anayize in IPB
Feb-07		- fecal	- Normal	
1 60-07	weekly	- urine	- Normal	-
Mar-07	,	- Blood hematology	- Normal	Blood collected on ear with lay
	-	- blood chemistry	- Normal	down method.
		- blood smear	- Normal	
	weekly	- fecal	- Protozoa ( <i>Ciliata</i> high)	]
	weekly	- urine	- Normal	
Apr-07	3	- Blood hematology	- Hematology: little low	Blood collected on ear with lay
		<ul> <li>blood chemistry</li> </ul>	- Normal	down method.
		- blood smear	- Normal	
	weekly	- fecal	- Normal	4
	weekly	- urine	- Normal	
May-07	23	- Blood hematology	- Hematology: little low	Blood collected on ear with lay down method.
		- blood chemistry - blood smear	- Normal	down method.
		- blood sillear	- Normal	4
	wookly	- fecal	- Normal	_
	weekly	- fecal	- Normal	-
Jun-07	weekly	- urine	- Normal	Blood collected on ear with lay
Jun-07	weekly	<ul><li>urine</li><li>Blood hematology</li></ul>	- Normal - Hematology: little low	Blood collected on ear with lay down method.
Jun-07	weekly	- urine	- Normal - Hematology: little low - Normal	
Jun-07	weekly	- urine - Blood hematology - blood chemistry	- Normal - Hematology: little low	
Jun-07	weekly 6	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> </ul>	- Normal - Hematology: little low - Normal - Normal	
	weekly 6 weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> </ul>	- Normal - Hematology: little low - Normal - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Protozoa ( <i>Ciliata</i> high)	
Jul-07	weekly 6 weekly weekly weekly weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>fecal</li> <li>urine</li> <li>urine</li> </ul>	- Normal - Hematology: little low - Normal - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Protozoa ( <i>Ciliata</i> high) - Normal	down method.
	weekly 6 weekly weekly weekly weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>fecal</li> </ul>	- Normal - Hematology: little low - Normal - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Protozoa ( <i>Ciliata</i> high)	down method. Blood collected on ear with lay
Jul-07	weekly 6 weekly weekly weekly weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>fecal</li> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> </ul>	- Normal - Hematology: little low - Normal - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Hematology: little low - Normal	down method.
Jul-07	weekly 6 weekly weekly weekly weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>fecal</li> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> </ul>	<ul> <li>Normal</li> <li>Hematology: little low</li> <li>Normal</li> <li>Normal</li> <li>Protozoa (<i>Ciliata</i> high)</li> <li>Normal</li> <li>Protozoa (<i>Ciliata</i> high)</li> <li>Normal</li> <li>Hematology: little low</li> <li>Normal</li> <li>Normal</li> <li>Normal</li> </ul>	down method. Blood collected on ear with lay
Jul-07	weekly 6 weekly weekly weekly weekly	<ul> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>fecal</li> <li>urine</li> <li>Blood hematology</li> <li>blood chemistry</li> </ul>	- Normal - Hematology: little low - Normal - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Protozoa ( <i>Ciliata</i> high) - Normal - Hematology: little low - Normal	Blood collected on ear with lay

	19	- fecal	<ul> <li>Paramphistomum eggs and larva adult fluke. Result worm analysis at IPB Bogor: Paramphistomum sp</li> </ul>	After de-worming 18 sept result: a day after treatment founded adult worm/fluke of Param- phistomum sp. Day-1 (Little), day 2 (a lot, 50% worm and 50% fecal), day-3 (only one) and day-
-	weekly	- urine	- Normal	4 (empty).
Oct-07	2, 26	- Blood hematology	<ul> <li>- 2: RBC 5.27, HB 12.4, PCV 37.8</li> <li>- 26: RBC 6.03, WBC 6400, HB 13.9, PCV 43.6, Ureum 17, Creatinin 0.98, LDH 574). Mineral: Ca 39,P 22</li> </ul>	Little bit difficult to get the blood in the concrete
	10, 21	- Fecal	<ul> <li>Paramphistomum eggs 4. Result worm/fluke analysis at IPB Bogor: Paramphistomum sp</li> </ul>	21: founded few adult fluke (parampisthomum sp). Day-1 (5- 6/ball), day-2 (5/defecate),day-3 empty
	weekly	- urine	- Normal	
Nov-07	22	- Blood Hematology	- Healthy (RBC 6.54, HB 15.7 and PCV 47.5). Only hematology	Difficult to get the blood, she didn't lay down position
	29	- fecal	- Egg fluke 1-2/slide and protozoa	
		- urine	- Normal	
Dec-07	13	Blood iSTAT	<ul> <li>- iSTAT result AT pt 37, pH 7.376, PCO2 46.6, PO2 23 (AT pt 37.8, pH 7.365, PCO2 48.3, PO2 24), BE ecf 2, HCO3 27.3, TCO3 29, SO2 37, Na 131, K 4.9, iCa 1.51, Glu 79.</li> </ul>	Difficult to collect
	14	Blood iSTAT	- iSTAT result AT pt 37, pH 7.4825, PCO2 36.7, PO2 172 (AT pt 37.5, pH 7.474, PCO2 37.5, PO2 175), BE ecf 4, HCO3 27.4, TCO3 29, SO2 100, Na 128, K 3.9, iCa 1.42, Glu 112.	Easy to collect
	23	- Blood iSTAT, hematology & chemistry	<ul> <li>- iSTAT result AT pt 37, pH 7.445, PCO2 37.4, PO2 180 (AT pt 37.6, pH 7.436, PCO2 38.4, PO2 183), BE ecf 2, HCO3 25.7, TCO3 27, SO2 100, Na 128, K 3.7, iCa 1.03, Glu 86. Healthy (RBC 5.53, HB 13.2, PCV 40.2 and other parameter are normal)</li> </ul>	Easy to collect Serum for mineral, on going analysis in Bogor
	weekly	- fecal	- Still founded Paramphistomum egg	Fluke still there
	weekly	- fecal	- Still founded Paramphistomum egg	Fluke still there
		- urine	- Normal	
ANDALAS	Date	- urine Tests performed	- Normal Results	Comments
ANDALAS Feb-07	<b>Date</b> 21, 24, 26 2 time /	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> </ul>	- Normal <b>Results</b> - Normal - Positive <i>Theileria, Babesia &amp; Anaplasma</i> - Normal	
ANDALAS Feb-07 Mar-07	<b>Date</b> 21, 24, 26	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	- Normal Results - Normal - Positive <i>Theileria, Babesia &amp; Anaplasma</i> - Normal - SG 1.008 - 1.010, trace (protein)	<b>Comments</b> Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay
ANDALAS Feb-07 Mar-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22,	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> </ul>	<ul> <li>Normal</li> <li>Results <ul> <li>Normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> </ul> </li> <li>Normal</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected
ANDALAS Feb-07 Mar-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>lood smear</li> <li>- fecal</li> <li>urine</li> <li>- fecal</li> <li>urine</li> <li>- fecal</li> <li>urine</li> </ul>	<ul> <li>Normal</li> <li>Results <ul> <li>Normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> </ul> </li> <li>Normal <ul> <li>Normal</li> <li>SG 1.010</li> </ul> </li> </ul>	<b>Comments</b> Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected on ear with lay down method
ANDALAS Feb-07 Mar-07 Apr-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily 3, 7, 14, 23, 30	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul> - fecal <ul> <li>recal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	<ul> <li>Normal</li> <li>Results</li> <li>Normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected
ANDALAS Feb-07 Mar-07 Apr-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily 3, 7, 14, 23, 30 2 time /	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>end the state of t</li></ul>	<ul> <li>Normal</li> <li>Results</li> <li>Normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>Positive Theileria, Babesia &amp; Anaplasma</li> <li>Normal</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected on ear with lay down method Stabile condition. Blood collected
ANDALAS Feb-07 Mar-07 Apr-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily 3, 7, 14, 23, 30 2 time / week	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	<ul> <li>Normal</li> <li>Results</li> <li>Normal</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>SG 1.010</li> <li>SG 1.010</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected on ear with lay down method Stabile condition. Blood collected on ear with lay down method
ANDALAS Feb-07 Mar-07 Apr-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily 3, 7, 14, 23, 30 2 time / week	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> </ul>	<ul> <li>Normal</li> <li>Results</li> <li>Normal</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected on ear with lay down method Stabile condition. Blood collected
ANDALAS Feb-07 Mar-07 Apr-07 May-07	Date 21, 24, 26 2 time / week 1,2,3,5, 7, 8,10, 12,14, 16,18, 20,22, 24 daily 3, 7, 14, 23, 30 2 time / week	<ul> <li>urine</li> <li>Tests performed</li> <li>Blood hematology &amp; chemistry</li> <li>blood smear</li> <li>fecal</li> <li>urine</li> <li>Blood hematology &amp; chemistry</li> </ul>	<ul> <li>Normal</li> <li>Results</li> <li>Normal</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.008 - 1.010, trace (protein)</li> <li>Normal for general with fluctuated value of RBC and HB (March 7, 10)</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>Positive <i>Theileria, Babesia &amp; Anaplasma</i></li> <li>Normal</li> <li>SG 1.010</li> <li>Little low of RBC &amp; HB. Chemistry normal</li> <li>SG 1.010</li> <li>SG 1.010</li> </ul>	Comments Stabile condition. Blood collected on tail with standing method in the chute. & on ear with lay down method Stabile condition. Blood collected on ear with lay down method Stabile condition. Blood collected on ear with lay down method

Jun-07	7,21, 29	<ul> <li>Blood hematology &amp; chemistry</li> <li>blood smear (7)</li> </ul>	34.3. Chemistry: Normal - Positive <i>Theileria, Babesia &amp; Anaplasma</i> but	Dr. Radcliffe think Andalas not significanly weight gain. Try to improve with food supplement		
		corum	low	might be similar with Torgamba. Sign of inbalance Ca : P		
	2 time /	- serum - fecal	- In balance Ca:P (8.2:1) - Normal	metabolism problem?		
	z unie / week	- iecai - urine				
11.07			- SG 1.010 - 9, 16, 26: Little bit low of RBC & HB.	Ctabile condition		
Jui-07	3, 9, 16, 26			Stabile condition.		
	26	chemistry - blood smear (3)	Chemistry: Normal			
		- serum	- Positive Theileria, Babesia & Anaplasma	-		
	O time /		- little inbalance Ca:P (4.2:1)	4		
	2 time / week	- fecal	- Normal	4		
		- urine	- Normal			
Aug-07		- Blood hematology &	- 13: Little bit low of RBC 4.66 & HB 12.5.	Stabile condition.		
	(night),	chemistry	26: Little low of RBC 4.87			
	26	- blood smear (13)	Chemistry: Normal			
			- Positive <i>TheileriaV&amp; Anaplasma</i> but low - Normal in ppm (Ca 141, P 27, Mg 59, K 1560,	4		
		- serum	Na 1418, Fe 0.7, Zn 1.5)			
	2 time /	- fecal	- Normal	4		
	week	- urine	- Normal	-		
Sep-07		- Blood hematology &	- Healthy (RBC 5.37, HB 13.9 and PCV 40.6).	Little bit drop after dental float (~		
Sep-07	19	chemistry	Mineral on going analysis	3 days)		
	2 time /	- fecal	- Normal	After de-worming 20 sept		
	week	- urine	- Normal			
Oct-07		- Blood hematology &	- 1: little bit low (RBC 4.9, HB 12.7, PCV 6.8).	Little bit drop after dental float (~		
001-07	15	chemistry	Mineral: Ca 56,P 29	3 days)		
		onomioury	- 26:RBC 5.30, WBC 8300, HB 13.8, PCV 39.5,			
			Ureum 19, Creatinin 1.02, LDH 684). Mineral:			
			Ca 44, P 22, Mg 41, K 130, Na 2488, Fe 1.80			
			and Zn 1.70 (ppm)			
	2 time /	- fecal	- Normal			
	week	- urine	- Normal			
Nov-07	22	- Blood hematology &	- Healthy (RBC 4.97, HB 12.8 and PCV 37.1),	Still easy get the blood		
		chemistry	chemistry are normal	, ,		
	29	- fecal	- Normal			
		- urine	- Normal			
Dec-07	7	- Blood hematology &	- iSTAT result AT pt 37, pH 7.414, PCO2 41.1,	Easy to collect		
		chemistry	PO2 52, BE ecf 2, HCO3 26.3, TCO3 26, SO2			
		-	87, Na 133, K 4.8, iCa 1.64, Glu 78. Healthy			
			(RBC 5.77, HB 14.8 and PCV 42.8 and other			
			parameter are normal)			
	23	- Blood hematology &		Easy to collect		
		chemistry	PO2 147, BE ecf -3, HCO3 21.4, TCO3 22,	Serum for mineral, on going		
			SO2 99, Na 127, K 4, iCa 1.01, Glu 69.	analysis in Bogor		
			Healthy (little bit low RBC 5.04, HB 13, PCV			
		- ·	38.2 and other parameter are normal)			
	weekly	- fecal	- Normal			
	1	- urine	- Normal			

#### **Health Problems**

ORG.	Date	Descriptions	Actions Taken	Duration & Comments
Jan-07	- Daily	- Stabile chronic kidney diseases	- Herbal	Good health. Pad:looks clean &
		- Foot problems (infection)	- Cleaning, topical "mix-salp"	better. 'Mix-salp' or salep campur is
		- Ectoparasite (tick, lice, flies)	- Manual remove and fly repellent	mix of antibiotic, antiseptic &
	- 2	- Blood parasite (Theileria sp 0,1%)	- No spesific treatment	antifungal salps
Feb-07	- Daily	- Stabile chronic kidney diseases	- Herbal	
	-	- Foot problems (infection)	- Cleaning, topical "mix-salp"	
		- Ectoparasite (tick, lice, flies)	- Manual remove and fly repellent	
Mar-07	- Daily	- Stabile chronic kidney diseases	- Herbal	Godd health
	-	- Foot problems (infection)	- Cleaning, topical "mix-salp"	Pad: Stable
		- Ectoparasite (tick, lice, flies)	- Manual remove and fly repellent	
Apr-07	- Daily	- Weakness & Chronic kidney	- Herbal and given Vitamin (Neurobion) 10	
	,	diseases	tabs PO for 3 days	
		- Ectoparasite (tick, lice, flies)	- Manual remove	
	- Daily, 12,	- Foot problems (infection)	- Cleaning, change 'mix-salp' with Hoof	Much better
	15		solution (12) & change again with Hoof	
	- 22	- Head wound	- Cleaning, betadine+saline, Peroxide, 'mix-	Occurred after courtship. Healed in
			salp' & SWAT	days
May-07	- Daily	- Chronic kidney diseases	- Herbal	
-		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Foot problems (infection)	- Cleaning, Hoof dressing until 15, then	Much better after 'mix-salp'
			change with 'mix-salp'	
	2	- Head wound	- Cleaning, betadine+saline, peroxide, 'mix-	After courtship with Ratu.
L 07	Deilu	Obrania kidaan diasaasa	salp' & SWAT	
Jun-07	- Daily	- Chronic kidney diseases	- Herbal	
		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Foot problems (infection)	- Cleaning, topical "mix-salp"	Much better after 'mix-salp'
Jul-07	- Daily	Chronic kidney diseases	<sup>-</sup> Herbal	Pad much better
		<ul> <li>Ecto Parasite</li> </ul>	- Manual remove	Condition until 20 of July is very
		- Pad problem	<ul> <li>Cleaning, 'mix salp'</li> </ul>	good
	- 21	<sup>-</sup> Eye problem L	ZnSO4 and AB topical ointment	
	<b>-</b> 30 - 31	Drop condition	- No treatment yet (avoid entered stall)	Looks very weak (still in the forest)
Aug-07	<b>-</b> 1-31	- Drop condition (loss appetite &	- IV fluids Infusion (lactate ringer, saline,	Assited by Dr. Benn Bryant (Wester
		body weight, lethargy, muscle	amino acid) with mild-mid sedative	Plains Zoo), Dr. M. Agil (IPB) and
		shaking, weakness), most possibility is electrolyte disorder	(butophanol & azaperone), antibiotic (TMS & certiofur), amino acid-electrolyte PO, vitamin	distance consult with Dr. Robin
		possibility is electrolyte disorder	B (PO & IM), Bilosalamin (ATP) IV & IM, and	Radcliffe (IRF-Cornell Univ)
	- 24	- Pad problem	- Cleaning, iodine, "mix-salp"	Pad problem with clinical signs thin
		- Ecto Parasite	- Manual remove	and soft of pad and wound
				More tabanidae
Sep-07	- Daily	<ul> <li>Skin wounds</li> <li>Weakness (become better)</li> </ul>	<ul> <li>mix-salp' &amp; SWAT</li> <li>No special treatment, only Neurobion10 tab</li> </ul>	More activities in the forest is good
Sep-07	Dully	Weakiess (become beller)	2x/week; release to big paddock	therapy, mush less stress: forest
		- Ecto Parasite	- Manual remove	browsing, fruits - leafs hand feeding
		- Pad problem	- Cleaning, Salep Campur (no often, because	& enough water; Keeper guarded 24
			not always entered stall	hours in the forest till now.
	- 19	- Point molar and incisors teeth	- Dental floating using Power Float instrument	No affect after dental float: eating
			under anesthesia with buthorphanol &	good and even much more browsing
			azaperone	
			- Antibiotic TMS 15 tab/ 5 days	
	- 20	- Routine De-worming	- Albendazole 55 ml	No flukes/eggs after deworming
Oct-07	- Daily	- Better condtion but not much (stabile	- No spesific treatment	Activie in the forest at 1 - 16 Octobe
		- Pad problem	- No treatment	but then move to boma at 17 - 31
				Oct. Looked enjoy. No stress.
Nov-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good condition
Dec-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good condition
		- Pad have small holes		

BINA	Date	Descriptions	Actions Taken	Duration & Comments
Jan-07	- Daily	- Eye problem (white spot)	<sup>-</sup> Zink Sulfate 2%	
		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Soft anemia	- Vitamin (Neurobion 10 tabs) for 3 days	
Feb-07	- Daily	- Eye problem (white spot)	- Zink Sulfate 2%	foot problem: Laceration,
	-	- Ectoparasite (tick, lice, flies)	- Manual remove	tenderness, pain, lameness when
		- Soft anemia	- No treatment	walking. At 20 less pain. Feb 22
	- 18	- Laceration of foot skin (right rear)	- Hoof solution Kevin bacon and TMS 10	founded laceration on skin. Feb 24
	-	and lameness	tabs/day for 10 days	healing process.
Mar-07	- Daily	- Eye problem (white spot)	- Zink Sulfate 2%	
		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Soft anemia	- No special treatment	
		- Foot problems	- Hoof solution Kevin bacon and TMS 10	Foot problem better
			tabs/day for 10 days	
Apr-07	- Daily	<ul> <li>Eye problem (white spot)</li> </ul>	- Zink Sulfate 2%	
		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Soft anemia	- No special treatment	
		- Foot problems	- Cleaning, Hoof dressing	Foot problem much better
May-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
	-	- Soft anemia	- No special treatment	
		- Foot problems	- Cleaning, Hoof dressing	Foot problem much better
	23	- Left eye problem (white spot)	- Zink Sulfate 2% & Garamycin topical	total white & discharge. Become he
	-		ointment	after start treatment
		- Diarrhea: Helminthes Strongylus	- TMS 10 tab/day for 10 days and Ivermectin	A day after given TMS, Stoll start
		sp) high infection	plus 50 cc PO	hard
Jun-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Left eye problem (white spot)	- No special treatment	Eye much better
		- Foot problems	- Cleaning, Hoof dressing	-
		- right ear wound	- Cleaning, betadine, mix salp and fly	
		5	repellent	
Jul-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Good
		- Foot problems	- Cleaning, hoof dressing	
		- Eye problem (white spot)	- Zink Sulfate	
Aug-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
	- Since 21	- Head wounds	- TMS 10 tabs PO, cleaning, betadine+saline,	After fighting when introducing first
			'mix-salp' & fly repellent	time with andalas between gate.
		- Eye problem (white spot)	- Zink Sulfate	_
Sep-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
•		- Head wounds	- Cleaning, betadine, 'mix salp' and fly repellen	Head wounds almost healed
		- Eye problem (white spot)	- Zink Sulfate	Little cloudy at right eye
	<b>-</b> 19	- Routine De-worming	- Albendazole 55 ml	No flukes/eggs after deworming
Oct-07		- Ectoparasite (tick, lice, flies)	- Manual remove	
0000	2 4.1.9	- Eye problem (white spot)	- Zink Sulfate	Normal
		- Pad problem (crack lines)	- Cleaning with sulfur soap	Better & no serious crack
Nov-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
100-07	- Dany		. ,	
D	Deilu	- Foot problems	- Cleaning, 'mix salp'	Cood
Dec-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
		- Pad - good and stabile	- Cleaning with soap and 'mix salp'	
RATU	Date	Descriptions	Actions Taken	Duration & Comments
Jan-07		- Ectoparasite (tick, lice, flies)	- Manual remove	
Feb-07	,	- Foot/pad problems	- Cleaning, 'mix salp'	Difficult to treat pad because Ratu
1 90-07	- Dany		- Manual remove	can't lay down
M	Deilu	- Ectoparasite (tick, lice, flies)		,
Mar-07	- Daily	- Foot/pad problems	- Cleaning, 'mix salp'	Pad stabile condition
		- Ectoparasite (tick, lice, flies)	- Manual remove	
Apr-07	- Daily	- Foot/pad problems	- Cleaning, hoof dressing	Pad much better
		- Ectoparasite (tick, lice, flies)	- Manual remove	
May-07	- Daily	- Foot/pad problems	- Cleaning, hoof dressing	Pad much better
		- Ectoparasite (tick, lice, flies)	- Manual remove	
		- More sweat	- No treatment	
Jun-07	- Dailv	- Foot/pad problems	- Cleaning, hoof dressing	Pad stabile condition
5411-07	,	- Ectoparasite (tick, lice, flies)	- Manual remove	
		- More sweat	- No treatment	
1	- Daily			laood
JUI-U/	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	good
		- Foot problems	- Cleaning, hoof dressing	Foot problem much better

A	Deile		Manual remains	
Aug-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Lots of tabanidae (stall)
	Deile	- Foot problems	- Cleaning, hoof dressing	Foot/pad much better
Sep-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	good
	- Since 9	- Head and left ear wound	- TMS 10 tabs PO, cleaning, betadine+saline, 'mix-salp' & fly repellent	Hard courtship with Andalas
	- 20	- Routine De-worming	- Albendazole 55 ml	No flukes/eggs after deworming
Oct-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	good
		- Head and left ear wound	- Cleaning, betadine, 'mix salp' and fly repellen	Better
		- Pad problem (crack lines)	- Cleaning with sulfur soap & 'mix salp'	Better & no serious crack
Nov-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
		- Foot problems	- Cleaning, 'mix salp'	
Dec-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
		- Foot problems (better)	- Cleaning with soap and 'mix salp'	
ROSA	Date	Descriptions	Actions Taken	Duration & Comments
Jan-07	- Daily	- Foot/pad problems	- Cleaning, 'mix salp'	Pad problem good progress
Jan-07	- Daily		- Manual remove	
Fab 07	Daily	- Ectoparasite (tick, lice, flies)     - Foot/pad problems		Ded problem much better
Feb-07	- Daily		- Cleaning, 'mix salp'	Pad problem much better
Maria	Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Dod problem much hottor
Mar-07	- Daily	- Foot/pad problems	- Cleaning, 'mix salp'	Pad problem much better
A	Deily	- Ectoparasite (tick, lice, flies)	- Manual remove	
Apr-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
	4	- Soft anemia	- No special treatment	Fast making south batt
M ^-	- 4	- Foot problems	- Cleaning, Hoof Solution (Kevin bacon)	Foot problem much better
May-07	- Dally	- Foot/pad problems	- Cleaning, 'mix salp' (since 17 May)	Pad was worse & after change treatment become better
		- Ectoparasite (tick, lice, flies)	- Manual remove	
Jun-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	
		- Soft anemia	<ul> <li>No special treatment</li> </ul>	
		- Foot problems	- Dipping every 2 days, 'mix-salp'	Foot problem much better
Jul-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	good
		- Foot problems	- Cleaning, hoof dressing	Foot problem much better
Aug-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Lots of tabanidae (stall)
		- Foot problems	- Cleaning, 'mix salp'	Good
Sep-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Found Paramphistomum eggs &
		- Foot problems	- Cleaning, 'mix salp'	fluke 24 hours after deworming
	<b>-</b> 18	- Routine De-worming	- Albendazole 46 ml PO	
Oct-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove	Pad: Better and not serious crack
		- Foot problems	- Cleaning with sulfur soap & 'mix salp'	Tooth: Could not locate the position,
	- 16	- Broken tooth	- No treatment	difficult to open her mouth. Analysis: Young/baby teeth (deciduous
	- 18	- Repeat de-worming	- Albendazole 46 ml PO	premolar caps). No seroius problem
Nov-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
	-	- Foot problems	- Cleaning, 'mix salp'	
Dec-07	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	Good
	-	- Foot problems (better)	- Cleaning with chlorhexidine and 'mix salp'	
AND.	Date	Descriptions	Actions Taken	Duration & Comments
Feb-07	- Daily	- Ectoparasite (tick)	- Manual remove	Quarantine period since 21
1 00-07	,	- Blood parasite ( <i>Theileria sp</i> ,	- No spesific treatment	Feb
		Babesia sp, Anaplasma sp)		
		- pad problems (small infection)	- Cleaning, 'mix-salp'	Have some small holes in the pad
Mar-07	- Daily	- Ectoparasite (tick)	- Manual remove	Quarantine period since 24
		- Blood parasite (Theileria sp,	- No spesific treatment	March
		Babesia sp, Anaplasma sp)		
		- pad problems (small infection)	- Cleaning, change hoof solution	Pad: better
Apr-07	- Daily	- Ectoparasite	- Manual remove	Quarantine period since 24
		- Blood parasite ( <i>Theileria sp</i> ,	- No spesific treatment	March
		Babesia sp, Anaplasma sp)	Cleaning, beef colution	Dod: bottor & almost sormal
M ^-	Della	- pad problems (small infection)	- Cleaning, hoof solution	Pad: better & almost normal
May-07	- Daily	- Ectoparasite	- Manual remove	
		- pad problems	- Cleaning, hoof solution	Pad: better & almost normal
		- Ectoparasite	- Manual remove	
Jun-07	- Dally	•		
	-	- pad problems	- Cleaning, hoof solution	Pad: better & almost normal
	- Daily - Daily	•	- Cleaning, hoof solution     - Manual remove     - Cleaning, hoof solution	Pad: better & almost normal Pad: good

Aug-07	- Daily	- Ectoparasite	- Manual remove	
		- pad problems	- Cleaning, hoof solution	
	<b>-</b> 21	- Head & pad wounds after fight with	- TMS 10 tabs PO, cleaning, betadine+saline,	Head: small skin lost around horns
		Bina	'mix-salp' & fly repellent	Pad: front L founded injury after fight
Sep-07	- 9	- Head & pad wounds after fight with Ratu	<ul> <li>Cleaning, betadine, mix salp, peroxide &amp; fly repellent</li> </ul>	Bigger skin lost around horns but healed quickly.
	- 19	- Point molar and incisors teeth	<ul> <li>Dental floating using Power Float instrument under light anesthesia with buthorphanol &amp; azaperone</li> <li>Antibiotic TMS 15 tab/ 5 days</li> </ul>	Loss appettite after dental float, but recover slowly after 4 days, day by day much better
	- 20	- Routine De-worming	- Albendazole 55 ml	No flukes/eggs after deworming
Oct-07	- Daily	- Head wound (around horn)	- Betadine, reavnol, 'mix salp' & fly repellent	Coutship with Ratu
		- Pad problem (small holes) since mid of Oct.	- Cleaning with Chlorhexidine & 'mix salp'	
Nov-07	- 13 - Daily	<ul> <li>Head wounds after hard courtship with Ratu</li> <li>Ectoparasite (tick, lice, flies)</li> </ul>	<ul> <li>Cleaning, betadine, mix salp, peroxide, rivanol &amp; fly repellent</li> <li>Manual remove (low infestation)</li> </ul>	Bigger skin lost around horns. 25: better
Dec-07	Daily	- Head wounds complete healed	- mix salp & fly repellent	
	Daily	- Foot problems	- Cleaning with chlorhexidine and 'mix salp'	Better
	21	- Corona eruption (white line)	- Hoof solution, special mix salp	Cause often urine and scrap
	- Daily	- Ectoparasite (tick, lice, flies)	- Manual remove (low infestation)	under control

### Male Reproductive Events (all pairing & mating events)

TORG.	Date	Pairing	Matings	Duration & Comments
Jan-07	2	with Bina	mating	mounting at 18.55 for 27 minutes (full intromission for 20 minutes & ejaculation, success to collect semen from penis and vagina but mix with mud; examine: no sperm)
	15	with Ratu	mating	mounting at 18.52 (full intromission for 13 min), 19:25 (full intromission for 19 minutes & ejaculation, success to collect semen from penis and vagina but mix with mud; examine: no sperm)
Feb-07	3	with Ratu	mating	mounting Ratu at 18.57 (full intromission for 42 min & ejaculation, success to collect semen from penis and vagina but mix with mud; examine: few sperm)
	23	with Ratu	mating	Mounting Ratu at 13.33 (full intromission for 27 min & ejaculation, success to collect semen from penis and vagina; examine: few sperm)
Mar-07	10	with Ratu	mating	mounting Ratu at 14.37 (full intromission for 38 min & ejaculation, success to collect semen from penis and vagina but mix with mud; examine: found few sperm). Personnel: Dedi, Sunar, Sugiono, Parlan
Apr-07	2	with Ratu	mating	mounting Ratu 6 times at afternoon (full intromission for 38 min & ejaculation, success to collect semen from penis and vagina but mix with mud and urine; examine: found few sperm). Early night separated them. Personnel: Dedi, Sunar, Rois, Iswanto, Parlan, Lamijo
	13	with Rosa	no mounting	Torgamba looks interest and try approach but Rosa run away
	22	with Ratu	mating	Mounting Ratu at early night (full intromission for 32 min & ejaculation, success to collect semen from penis and vagina but mix with mud and urine; examine: found few sperm). Personnel: Dedi, Sunar, Rois,Iswanto, Yuhadi, Lamijo
May-07	2	with Ratu	no mounting	Good courtship but nothing mounting. Personnel: Dedi, Sunar, Rois,Iswanto, Parlan
	22	with Ratu	mating	Good courtship and success intromission by Torgamba. Torgamba mounting Ratu time with once full intromission for 42 minutes. Success collect the semen and founded few spermatozoa, Personnel: Dedi, Sunar, Rois, Lamijo, Iswanto
Jun-07	5	with Ratu	mating	Mounting Ratu at early night (full intromission for 8 and 34 min & ejaculation, success to collect semen from penis but mix with mud and urine; examine: found few sperm). Personnel: Dedi, Andri, Sunar, Parlan, Iswanto, Yuhadi, Sumadi, Robin, Benn, Jennifer
	25	with Ratu	mating	mounting Ratu at early night (full intromission for 42 min & ejaculation, success to collect semen from penis but mix with mud; examine: not found sperm). Personnel: Dedi, Rois, Sunar, Parlan, Iswanto, Lamijo
	26	with Rosa	Introduced	Good response from Torgamba but Rosa run away and afraid
Jul-07	1&3	with Rosa	Introduced	Rosa still afraid and avoid
	8	with Bina	no mounting	Bina always avoid when Torgamba approach
	13	with Ratu	No mounting	Ratu not ready yet, then separated
	15	with Ratu	mating	Good courtship and success breeding with full intromission for 38 minutes. Personnel: Andri, Sunar, Rois
Aug-07	11	with Ratu	Between fence	Health problem but look interest and more active when see female
	29	with Bina	Between fence	Looked interest too but condition still weak
Sep-07		No met female		Health problem
Oct-07	2	with Ratu	mating	Good sexual behavior and successful intromission for 23 minutes with 4 times mounting. He looks interest but not strong body condition.
	25	with Ratu	mating	Good sexual behavior and successful intromission for 41 minutes with 4 times mounting. Semen analysis only found 1 good spermatozoa
Nov-07	14	with Ratu	mating	am: release from Boma and he walking approach to the centre. Few minutes there and released to the centre. Than courtship and mounting but not erection yet. After mounting 3 times he chase her and looks aggressive. Successful intromission for 36 minutes and ejaculation. He mounting 7x with 3 erection. Get semen from penis after breeding but not found sperm under microscope
Dec-07	6	with Ratu	mating	24: am: release from Boma and drive him approach to the centre. Released to the centre. Than courtship and mounting but not erection yet. He 9 mounting with 6 erection. Successful intromission for 42 minutes and ejaculation. Can't collect sement post breeding
	24			24: am: release from Boma and drive him approach to the centre. Released to the centre. First he direct chese her for an hour. Than courtship and mounting but not erection yet. he 9 mounting with 3 erection. Successful intromission for 44 minutes and ejaculation. Get semen from penis after breeding but not found sperm under microscope

AND.	Date	Pairing	Matings	Duration & Comments
Feb-07		-	-	Quarantine period
Mar-07		-	-	Quarantine period
Apr-07		-	-	Adaptation period
May-07		-	-	Adaptation period and release to big paddock on May 30
Jun-07	5	-	-	First time aproaching center area. Heard sound of Bina and Ratu and run away, looks afraid and didn't want back to center area
	9	with Rosa	Introduce (between the fence)	lintroduce to Rosa betwen fence. He looked interest & new behavour was observed: high spray urine, kicking ground, destroy bushes, attacked and chasing. Good response from Rosa.
	10, 12	with Rosa	Introduce (between the fence)	Same behaviour, more aggressive and chasing
Jul-07		with Rosa	Introduce (between the fence)	And in the center area and Rosa in paddock K4. First time met Andalas and Rosa running away and keepers drive them back close t the gate but not success. Then Andalas entered paddock K5 and Rosa entered to center area, then they met between K5 gate (Andalas more aggresive and chase but Rosa not afraid).
Aug-07	5, 17 - 19, 21	with Ratu	Between fence	Andalas in the paddock K5 and Ratu in the center area except at 21 morning (Ratu in the stall and Andalas in the center area) and good response with head to head, pushing, no fight and Ratu few times present her back; need separated them. Summary: Andalas had good response with Ratu for sexual behaviors but we still not sure if bring together in the center. Note: usually introduce them for ~ 30 minutes; Andalas everyday approaching center area (quiet difficult drive him back to the stall). Plan: continue introduce and try pairing with good anticipation (especially fighting).
	21	with Bina	Between gate	After short soft head to head but suddenly become aggressive; hard head to head serious fighting and got injuries, difficult to separate, but finally separate after 14 minutes. No good response from both (danger). Note: Almost every day penis erection in the stall since
Sep-07	9	with Ratu	Pairing but no mating	First time Andalas together with female in the central area. Andalas start to be aggressive and attack. Ratu defense for a while. Then Ratu back attack after Andalas bites her left ear. Normal courtships for the rhino. They were chasing each other, and finally Ratu chase Andalas. Andalas ran away. They were separated because seems Ratu was very aggressive.
	15	with Rosa	Between gate	Andalas in the central stall and Rosa in central area. It was peace courtship. Good reaction from Rosa, not ran away like before.
	16, 17	with Rosa	Between gate then pairing	Introduce between gate first then shortly just release Andalas. First time together with Rosa. Rosa always run. Andalas looked confused, not too brave but sometime chasing inconsitenly. No good courtship.
	20, 28	with Rosa	Between gate then pairing	Again after good courtship between gate, Rosa run away when they are together. There was a time when more closer head to head but Rosa suddenly run and andalas chase.
Oct-07	1, 2 , 3	with Ratu	Between gate	1, 2 and 3: Andalas still has aggressive behavior, strike horn and rough courtship.
	5	with Ratu	Between gate then pairing	5: between fence for half an hour: a few times Ratu make lay down position during courtship. Then bring them rogether in central area. Good courtship, less aggressive from Andalas and this time he success to control Ratu emotion.
	19, 20	with Rosa	Between gate	<ul> <li>19 late afternoon: very good courtship between fence's bar from both. Then joined him in the center area. Rosa looked ready to breed with standing up position in front of stall, suddenly And chase her and she run away. After that she looked afraid and escapes to Ratu's paddock Drive by keeper to center area again and then released to her paddock and walked away.</li> <li>20: Rosa looked afraid and alert but good drive by keeper approach to the center stall. Few minutes courtship and than pairing in the center area. She still afraid and he chase her. She ran away and afraid.</li> </ul>
	21 24	with Potu	Potwoon acto	Released to her paddock and walked away.
	21, 24	with Ratu	Between gate	<ul> <li>21: Friendly and good courtship between fence's bar. Note: She didn't have good follicle.</li> <li>24: Friendly and good courtship between fence's bar, continuing pairing in central area, take a long time soft courtship. General: better sexual behaviors</li> </ul>
Nov-07	12, 13	with Ratu	Between gate and then pairing	Introduce between fence's bar in the centre stall. he looked interest and than courtship. ~ an hour there, pairing them in the centre, in fror of stall to do courtship for couple minutes, Ratu back position and chase by him. Courtship again and than fight in the wallow. After that Ratu looks avoid and founded new head wounds (serious wound). ~ 7pm separated them and released to paddock K5A. Ratu still in the centre area.

Dec-07	, -	Ratu	Rosa (Rosa in the centre area). Between stall's bars with Ratu	17 and 18: Andalas in the temporary paddock and Rosa in the centre, she looks afraid to aopproach him, she walking away. 21: Introduce between stall's bar in the centre stall. he looked interest and than courtship. After an hour them fight and separated. 23: again introduce to Ratu in the centre stall - better courtship there
	25-29	with Ratu	He in the centre and	25 and 28: very good courtship, 26: courtship. After 20 Dec founded serious hoof problem (corona/white line) because often urine spray with scrap and than stop introduce to female until healed hoof problem (look progress)

#### Female Reproductive Events (all USG examinations, estrous signs and mating behavior)

IA	Date	<u> </u>	ESULTS	Estrus Behaviour	<b>Duration &amp; Comments</b>
		Left Ovary	Right Ovary		
Jan-07	16	Active, CL 23x22 mm and small follicle	Active, small follicle	Good signs	No pregnancy sign
	22	Active, small follicle	Active, small follicle	Good signs	
	24	Active, only tiny follicles and lots of white	Active, small follicle 9X8 (not apparent	Good signs	
			flow) & 9x10 mm (some small blood flow)	Ũ	
	26	-	Active, small follicle 10x08 (little blood flow)	Good signs	
		echogenic thick white spots	and 12x10 mm	eeeu eigiie	
	20		Inactive, small follicle	Good signs	
	23	blood flow)		Cood signs	
Feb-07	2		Fairly inactive, small follicle	Good signs	
0.00		Active, small follicle 10x15 mm	In active, small size	Good signs	
		Active, small follicle	Active, small follicle 10x8mm	Good signs	
			Active, small follicle 12x8mm (some flow	Good signs	
	9			Good signs	
	10	flow)	on bottom of follicle)		
			Active, small follicle 10x18	Good signs	
		Active, small follicle	No follicle	Good signs	
			No view	Good signs	
			Active, small follicle	Good signs	
		Active, small follicle	Active, small follicle	Good signs	
		Active, small follicle	Active, small follicle	Good signs	
		Active, small follicle	Active, small follicle	Good signs	
	28	Active, small follicle	Active, small follicle	Good signs	
Mar-07	2	Active, small follicle	Active, small follicle	Good signs	
	4	Active, several small follicle (bigger ~13	Active, 3 small follicle (bigger ~ 14 mm)	Good signs	
		mm), big CL (old)		Ĩ	
	6	Active, several small follicle and big CL	Active, small follicle ~14 mm	Good signs	
		23x33 mm			
	8		Active, small follicle	Good signs	
			Active, small follicle	Good signs	
		Dark image	Dark image	Good signs	
		5	Active, 3 small follicle with the bigger $\sim 13$	Good signs	
	14	9x13 mm	imm	COOU Signs	
	10	Active, 1 small follicle ~ 12 mm and CL	Active, 3 small follicle	Good signs	
	15	17x18 mm		Good signs	
	20		Active 1 amell folligle	Cood signs	
		Active, 1 small follicle	Active, 1 small follicle	Good signs	
		Active, small follicle	Active, small follicle	Good signs	
		Active, few small follicle	Active, 2 small follicle	Good signs	
			Active, 2 small follicle	Good signs	
			Active, 2 small follicle	Good signs	
			Active, 1 small follicle	Good signs	
Apr-07	5	Active, follicle 11x17 and 22x25 mm (big)	Active, small follicle	Good signs	
	6	Active, 2 big follicle 19x26 and 24x24	Active, small follicle	Good signs	
	7	Active, big follicle 24x30 mm and CL	Active, small follicle	Good signs	
		Active, big follicle 25x31 mm	In active	Good signs	
			1	•	
		Active, big follicle 25x33 mm	In active	Good signs	
	11	Active, big follicle 30x33 mm	Active, small follicle	Good signs	
	15	Active, big follicle 31x39 mm	Active, small follicle	Good signs	
		Active, big follicle 30x37 mm	Active, small follicle	Good signs	
				-	
		Active, big follicle 25x33 mm	Active, 2 follicle 11x14 and 15x19 mm and	Good signs	
		Active, big follicle 24x30 mm	Active, follicle ~16 mm	Good signs	
	24	Active, big follicle 23x31 mm and found	Active, small follicle ~ 10 mm and CL 17	Good signs	
	27	Active, 2 follicle 14x22 and 24x31 mm	Active, small follicle	Good signs	
/lay-07		Active, big follicle 14x27 mm	Active, 2 small follicle	Good signs	
y-07				° °	
	°	•	Active, 2 small follicle 15x16 and 13x17	Good signs	
		mm Active employ folligle - 15 mm and Cl	mm Active 2 big felliale 24x25 and 21x22 mm	Cood	
	11	Active, smaller follicle ~ 15 mm and CL	Active, 2 big follicle 24x25 and 21x22 mm	Good signs	
	10	11x18 mm	Active his fallial- 00:00 0:01	Coortei	
	13		Active, big follicle 26x30, 9x24 mm and ~	Good signs	
		12x13 mm	11 mm	<b>.</b>	
		Active, small follicle ~ 10 mm	Active, big follicle 25x29 mm	Good signs	
		Active, small follicle	Active, big follicle 30x34 mm	Good signs	
	24	Not found	Active, big follicle 25x29 mm and ~ 14 mm	Good signs	
	27	Active, 3 follicle 14x16, ~ 16 m and small	Active, follicle 24x27 mm and small follicle	Good signs	
		follicle	· · ·		
Jun-07	22	Active, old follicle	Active, follicle 25x19 mm	Good signs	
		Active, follicle 22 mm	Active, follicle ~ 25 mm	Good signs	
					i i
			Active, follicle ~ 25 mm	Good signs	

Jul-07	3	Active	small follicle 16 mm	Active, small follicle 12 mm	Good signs	[]
501-07				Active, small follicle and CL	Good signs	
			small follicle 17 mm and CL 16 mm		Good signs	
				Active, small follicle	Good signs	
	15	Active,	small follicle	Active, small follicle	Good signs	
	18	Active,	small follicle	Active, small follicle 18 mm	Good signs	
	20	Active,	small follicle	Active, small follicle 17 mm	Good signs	
	22	Active,	small follicle and old CL	Active, small follicle	Good signs	
	26	Active,	small follicle 16 mm	Active, small follicle 16 mm	Good signs	
				Active, big follicle 22 mm	Good signs	
				Active, big follicle 22 mm	Good signs	
Aug-07	6	Active,	no follicle	Active, big follicle 29 mm	Good signs	21 Aug: Introduced to
	17	Active,	0	Active, small follicle	Good signs	Andalas: FIGHT
	19	Active,	big follicle 26 mm	Active, follicle 25 mm (old) and CL 27 mm	Good signs	
				Active, follicle 22 mm and CL 28mm	Good signs	
			0	Active, follicle 24 mm	Good signs	
				Active, follicle 21 mm	Good signs	
				Active small follicle and CL 22 mm	Good signs	
Sep-07				Active, CL ~22 mm	Good signs	
				Active CL ~15 mm	Good signs	
		,		Active, small follicle	Good signs	
				Active, small follicle	Good signs	
	17	Active,		Active, follicle 19.5 mm, < 10 mm and old	Good signs	
	20	Activo		CL 13.8 mm Active, follicle 17.8 mm	Good signs	
		,		Active, follicle 17.8 mm	Good signs	
				Active, small follicle	Good signs	
				Active, 2 small follicle	Good signs	
Oct-07				Active, follicle 23.9 mm and 15 mm	Good signs	20: founded clear discharge
		,		Active, follicle 27mm	Good signs	from vulva
				Active, follicle 21 mm	Good signs	
				Active, follicle 27.6 mm	Good signs	Result: still have regular
				Active, follicle 27 mm	Good signs	cycles but no male for
				Active, follicle 18 mm	Good signs	breeding
	19	Active,	follicle 26 mm, small and old CL	Active, follicle 14 mm	Good signs	
		20 mm			-	
	21	Active,	follicle 16, old follicle and CL 20	Active, follicle 20 mm, 19 mm and CL 20	Good signs	
	23	Active,	follicle 27.8 mm	Active, follicle 24.2 mm, 14.8 mm and CL	Good signs	
				Active, follicle 23.4 mm, 16.9 mm, 10.3 mm	J. J	
		,		and CL 20.7 mm		
	25	Active.		Active, follicle 17.8 mm and 16.7 mm	Good signs	
				Active, follicle 24.1 mm and 11.7 mm	Good signs	
	30	Active,	follicle 17.8 mm and CL 19.8 mm	Active, follicle 25.6 mm and 14.2 mm	Good signs	
Nov-07	1	Active,	follicle 14.7 mm and CL 19.3 mm	Active, follicle 26.8 mm	Good signs	
	3	Active,	follicle 26.5 mm,10 mm and CL	Active no follicle	Good signs	
		12.7 m	m			
	6	Active,	follicle 24.8 mm and 26 mm	Active, follicle 22 mm and 12 mm	Good signs	
	8	Active,	follicle 25 mm, 23.3 and CL 25	Active, follicle 17.5 mm and CL 14.2 mm	Good signs	
	10	Active,	follicle 25.5 mm	Active, follicle 17.6 mm	Good signs	
	12	Active,	follicle 23.9 mm and 16 mm	Active, follicle 18.9 mm and CI 20 mm	Good signs	
	15	Active,	follicle 20 mm	Active, follicle 13 mm and cl	Good signs	
	17	Active.	follicle 24.6 mm	Active, follicle 18 mm	Good signs	
			follicle 21.4 mm and 21.7 mm. big	-	Good signs	
		CL				
1	23		follicle 22.6 mm and 17 mm. CL	Active, small follicle	Good signs	POF
		26.7 m				
1	25	Active,	follicle 23.9 mm and smaller	Active, follicle 14 mm and CL?	Good signs	POF
		Follicle	. CL 21.4 mm		1 1 1	
				Active, 2 small follicle	Good signs	
	29	Active,	follicle 32.6 mm	Active, follicle 12.6 mm	Good signs	
Dec-07	1	Active,	follicle 36.4 mm	Active, follicle 18.6 mm	Good signs	
	3	Active,	follicle41.9 mm and 13.7 mm	Active, follicle 12.8 mm	Good signs	
	6	Active,	follicle 34.1 mm and 16.5 mm	Active, no follicle	Good signs	
	8	Active,	follicle 31.6 mm and 18.2 mm	Active, no follicle	Good signs	
	10	Active,	follicle 23.4 mm and 19.0 mm	Active, no follicle	Good signs	
				Active, CL 20.1 mm	Good signs	
			follicle 27.1 mm, 24.8 mm and old	-	Good signs	
		CL		-,		
			follicle 27.7 mm and 21.0 mm	Active, no follicle	Good signs	
				Active follicle 13 mm	Good signs	
			follicle 25.3 and 20.3 mm. CL 27.5		Good signs	
		mm				
			follicle 30.4 and 21.5 mm. CL	Active small follicle	Good signs	
		smaller			ļ	
				Active small follicle	Good signs	
1				Active small follicle	Good signs	
	28	ACTIVE.				
				Active small follicle	Good signs	

TU	Date		RESULTS	Estrus Behaviour	Duration & Comments
		Left Ovary	Right Ovary	_	
Jan-07		Active, small follicle	Active, small follicle	Good signs	
	15	Active, big follicle 25x24 mm (some flow)		Good signs	
			growing good role)		
	17	Active, big follicle 27x22 and 22x22 mm	Active, big follicle 24x22 mm	Good signs	Jan 15 paired (success
	18	Active, 22x16 mm (Ovulated)	Active, big follicle 24x27 mm	Good signs	breed)
	22	Active, mid follicle 20x10 mm and CL	Active, big follicle 27x22 mm	Good signs	Ovulation confirmed
	31	Active, very small follicle	Not found	Good signs	
		Active, big follicle	Active, big follicle 15x16 mm	Good signs	Not pregnant
Feb-07	2	Active, big follicle 14x18 mm	Active, hemorrhagic follicle 34x30 mm	Good signs	Feb 3 and 23, paired
	5	Active, hemorrhagic follicle 37x31 mm	Active, small follicle and CL	Good signs	(success breed)
	10	Active, CL 14x12 mm (intense blood flow)	Active, hemorrhagic follicle (no apparent	Good signs	
			blood flow)	-	
	14	Active, hemorrhagic follicle	No view	Good signs	
	19	Active, hemorrhagic follicle	Active, mid follicle 16x16	Good signs	
		Active, hemorrhagic follicle	Active, small follicle 15x16	Good signs	
		Active, hemorrhagic follicle	Active, follicle 17x16	Good signs	
		Active, hemorrhagic follicle	Active, big follicle 18x19	Good signs	
		Active, hemorrhagic follicle(old)	Active, big follicle 16x19	Good signs	
		No view	Active, big follicle 21x12	Good signs	
		Active, hemorrhagic follicle and 2 small	Active, 3 small follicle (bigger 13x14 mm)	Good signs	
	20	follicle		Cood Signs	
	26	Active, hemorrhagic follicle	Active, smaller follicle 13x18	Good signs	
		Active, small follicle	Active, small follicle	Good signs	Dark image
Mar-07		Active, small follicle	Active, small follicle	-	Dain illaye
war-07				Good signs	
		Active, hemorrhagic follicle 26x29 mm	Active, hemorrhagic follicle (old follicle)	Good signs	
		Active, hemorrhagic follicle 26x30 mm	Active, small follicle	Good signs	
	8	Active, hemorrhagic follicle, CL 16x25	Active, old CL	Good signs	
	10	mm and Follicle ~15 mm		<b>A I I</b>	
		Active, POF follicle 17x20 mm and	Active, small follicle	Good signs	March 10 paired (succes
		hemorrhagic follicle			breed)
		Active, CL 18x21 mm (Ovulation),	Active, small follicle	Good signs	
		hemorrhagic follicle still there			
	20	Active, CL 13x13 mm	Not Found	Good signs	
	26	Active, several small follicle with the	Active, small follicle	Good signs	
		bigger 17x17 mm			
	28	Active, 3 follicle with the bigger 16x19 mm	n Active, small follicle	Good signs	
		Active, 2 small follicle 14x15 and 13x16	Active, 2 small follicle 11x17 and 13x15	Good signs	
		mm, CL ~ 15 mm	mm		
	30	Active, 2 small follicle and CL ~ 20 mm	Active, 2 small follicle	Good signs	
	31	Active, small follicle 14x16 mm and CL	Active, follicle 15x15 mm	Good signs	
		15x21 mm		-	
Apr-07	1	Active, 3 small follicle	Active, follicle 15x19 mm	Good signs	April 2 And 22: paired
-	2	Active, small follicle?	Active, small follicle?	Good signs	(success breed)
	~ ~ ~	Active, small folicie?			. ,
	- 22			Good signs	
	22	Active, big follicle ~ 18 and 19x20 mm	Active, hemorrhagic follicle	Good signs	
		Active, big follicle ~ 18 and 19x20 mm (POF)	Active, hemorrhagic follicle		
		Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL	Active, hemorrhagic follicle	Good signs Good signs	
	24	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle	Good signs	
Mav-07	24 27	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm	Good signs Good signs	
May-07	24 27	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm	Good signs	
May-07	24 27 2	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL	Good signs Good signs Good signs	
May-07	24 <u>27</u> 2 5	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm	Good signs Good signs Good signs Good signs	
May-07	24 <u>27</u> 2 5 9	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm	Good signs Good signs Good signs Good signs Good signs	
May-07	24 <u>27</u> 2 5 9	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm	Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm	Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 5 9 12 14 16 18	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 5 9 12 14 16 18	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, 5 follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16 18 19	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 10 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16 18 19	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16 18 19 22	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, big follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 5 9 12 14 16 18 19 22 25	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle	Good signs Good signs	
May-07	24 27 2 5 9 12 14 16 18 19 22 25 27	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 25x29mm and small	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
May-07	24 27 2 9 12 14 16 18 19 22 25 27	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 25x29mm and small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle	Good signs Good signs	
May-07 Jun-07	24 27 2 9 12 14 16 18 19 22 25 27	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 25x29mm and small	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle	Good signs Good signs	June 5 paired (success
	24 27 2 5 9 12 14 16 18 19 22 25 27 27 2	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 25x29mm and small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle	Good signs Good signs	breed)
	24 27 2 9 12 14 16 18 19 22 25 27 2 2 3	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 25x29mm and small follicle Active, big follicle 22x25 and 18x22 mm	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle Active, small follicle	Good signs Good signs	breed)
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 2 3 4	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, big follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 25x29mm and small follicle Active, big follicle 22x25 and 18x22 mm Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, follicle 19 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, hemorrhagic follicle Active, small follicle Active, small follicle	Good signs Good signs	breed)
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 25 27 2 3 4 5	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 25x29mm and small follicle Active, big follicle 22x25 and 18x22 mm Active, small follicle Active, small follicle Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, small follicle 13x17 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, small follicle	Good signs Good signs	breed) 25 Jun: POF and pairing successful intromission!
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 3 4 5 6	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle and CL Active, 4 follicle and CL Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 25x29mm and small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle Active, small follicle	Good signs Good signs	breed) 25 Jun: POF and pairing successful intromission! 28 Jun: Ovulation confirm
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 2 3 4 5 6 8	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 22x25 and 18x22 mm Active, small follicle Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle Active, small follicle	Good signs Good signs	breed) 25 Jun: POF and pairing successful intromission!
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 3 4 5 6 8 21	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, big follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 22x25 and 18x22 mm Active, small follicle Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle Active, small follicle	Good signs Good signs	breed) 25 Jun: POF and pairing successful intromission! 28 Jun: Ovulation confirm
	24 27 2 5 9 12 14 16 18 19 22 25 27 2 3 4 5 6 8 21 22	Active, big follicle ~ 18 and 19x20 mm (POF) Active, 2 follicle ~ 14 and 16 mm and CL ~ 17 mm Active, new CL ~ 19 mm Active, big follicle 18x24 and small follicle ~ 10 mm Active, follicle 18x24 mm Active, follicle 18x26 and 2 small Active, big follicle 12x23, 14x18 and 13x16 mm Active, 3 follicle 12x23, 14x18 and 13x16 mm Active, 4 follicle and CL Active, big follicle 17x19 and ~ 23 mm Active, 3 small follicle and big follicle 19x24 mm Active, 3 small follicle and big follicle 21x23 mm Active, 4 follicles 21x22, 19x21, 19x21 and 15x15 mm and CL Active, big follicle 22x25 and 18x22 mm Active, big follicle 22x25 and 18x22 mm Active, small follicle Active, small follicle	Active, hemorrhagic follicle Active, hemorrhagic follicle Active, old follicle, CL ~ 24 mm Active, Old follicle and CL Active, follicle 13x15 mm Active, small follicle 13 mm Active, small follicle 13x17 and ~ 14 mm Active, small follicle 13x17 and ~ 14 mm Active, follicle 13x15 mm Active, follicle 13x15 mm Active, small follicle 10 mm Active, small follicle 12 mm Active, small follicle 15 mm Active, small follicle Active, hemorrhagic follicle Active, small follicle	Good signs Good signs	breed) 25 Jun: POF and pairing: successful intromission! 28 Jun: Ovulation confirm

Jul-07	4	,	Active, small follicle	Good signs	15 Jul: POF and pairing wit
	14	Active, small follicle	Active, big follicle 20 mm	Good signs	Tor. Successful intromission
			Active, big follicle 21 (POF)	Good signs	17 Jul: Ovulation confirmed
		,	Active, new CL	Good signs	on RO
		Active, small follicle	Active, big follicle 21 mm	Good signs	
Aug 07					C 17 10 01 Auguintraduas
Aug-07		Active, small follicle 16 mm	Active, follicle 19 mm and CL 20 mm	Good signs	6,17-19, 21 Aug: introduce
			Active, small follicle 13 mm	Good signs	to Andalas, good courtship
	14	Active, small follicle and old CL	Active, 3 follicles. size 15,26 and 27 mm	Good signs	
	16	Active, CL 20 mm (old)	Active, 3 follicle ~ 19 mm	Good signs	
			Active, 3 follicles. Size 25,26 and 28 mm, C	Good signs	
			Active, follicle 24 and 29 mm and CL 28 mm		
			· · · · · · · · · · · · · · · · · · ·		
			Active, follicle 38 mm and CL 24 mm	Good signs	
	23	Active, small follicle and old CL	Active follicle 38, 30 and 23 mm	Good signs	
	25	Active, small follicle	Active follicle 39 and 29 mm	Good signs	
	29	Active, small follicle	Active follicle 34 and 27 mm	Good signs	
Sep-07		Active, small follicle	Acitve, old follicle 22 mm, HF ~32 mm and	Good signs	9 Sept: pairing with Andala
00p-01				Cood Signs	
			old CL 23 mm		good courtship, chasing
	4	Active, follicle ~17 mm	Active, old follicle 25 mm, HF 22,7 mm and	Good signs	each other and finally Rate
			old CL 15 mm		chase Andalas.
	7	Active, follicle 20 mm	Active, old follicle 26 mm	Good signs	
			Active, old follicle 22 mm	Good signs	
				0	
		·	Active, old follicle ~23 mm	Good signs	
			Active, follicle 12.9 mm	Good signs	
	20	Cant observed clearly, dark image	Active, follicle <10 mm, old follicle 17.7 mm	Good signs	1
ļ			Active, follicle 23.6 mm, old follicle 29.3	Good signs	
				•	
		,	Active, follicle ~18 mm, old follicle	Good signs	
	24	Active, CL 19 mm	Active, follicle ~18 mm and 15 mm	Good signs	
	25	Active, CL 21 mm	Active, follicle 18 mm and old follicle 23	Good signs	
			Active, follicle 18 mm and old follicle 23	Good signs	
		-		J. J	
	28	Active, no follicle	Active, 2 follicle 12 mm	Good signs	
Oct-07	1	Active, small follicle	Active, old follicle 25.7 mm, follicle ~12 mm	Good signs	
			and ~19 mm	-	
	3	Active, follicle 17.9 mm	Active, old follicle 23 mm and follicle 20.3 m	Good signs	
		-			
			Active, follicle 21 mm (old) and 22 mm	Good signs	
	1	Active, follicle 26.4 mm, 12.8 mm	Active, old follicle, 20.3 mm and CL 16.1 m	Good signs	
	9	Active, follicle < 15 mm	Active, old follicle 15 mm and follicle 19.9 m	Good signs	
	11	Active, follicle 16.4 mm and CL 15.1 mm	Active, old follicle 18.4 mm and follicle 18.7	Good signs	
			mm	Ŭ	
	16	Active, small follicle	Active, follicle 14.8 mm	Cood signs	
				Good signs	
			Active, follicle 26 mm (ellipse) and CL	Good signs	
	21	Active, follicle 12 mm	Active, small follicle, old CL	Good signs	
	23	Active, follicle 14.7 mm, 19.7 mm, <15	Active, small follicle	Good signs	
		mm, and CL 22.2 mm		<b>j</b> -	
	24	Active, follicle 14.9 mm, 21.7 mm, 15 mm	Active small folligie and old CL 17.2 mm	Cood signs	
	24			Good signs	
		and 14.9 mm	1 1		
	25	Active, follicle 17.3 mm, 20.8 mm and CL	Active, small follicle and old CL 18.7 mm	Good signs	
		19.0 mm		J J	
Nov-07	1		Dark image	Good signs	12 and 13 Nov: introduced
NOV-07			Dark inlage		
		follicles?) and 18.7 mm	1		Andalas, good courtship!
	4	Active, big follicle 37 mm, 16.1, 16.6 mm		Good signs	fight occurred also
		and CL 21.6 mm	Active, small follicle, CL13.6 and 17 mm		
	6		Active, small follicle	Good signs	
				J. J	
			Active, old CL 15.4 mm	Good signs	
	10	Active, follicle 20 mm and CL 24 mm	Active, small follicle	Good signs	
	11		Active, small follicle	Good signs	14 Nov: successful breed
				•	with Torgamba
			Active no follicle	Good signs	-
	15	Active, CL 22 mm and old CL	Active no follicle	Good signs	Ovulation confirmed
	24		Active, follicle 10 mm	Good signs	
				J. J	No program
			Active follicle14.8 mm	Good signs	No pregnant
Dec-07			Active follicle 13.1, 10.3 and 17.2 mm	Good signs	1
Ţ	4	Active, follicle 15.3 mm, 15.2 mm and CL	Active, follicle 14.9 mm	Good signs	
		21.6 mm	1 1	-	
F	5		Active, follicle 16 mm	Good signs	†
ļ	5			Coou signs	
Ļ				<u> </u>	
	6	Active, follicle19.3 mm	Active, follicle 23.5 mm and 15.1 mm	Good signs	6 Dec:Succesfull breed wi
			1 1	<u> </u>	Torgamba
	8	Active, No follicle	Active, follicle 26.7 mm and CL 15.5 mm	Good signs	Ovulation confirmed 36
	5				hours post breed
F	40	Active CL 20.8 mm	Active felliple 22.4 mm	Cood dista	
L			Active, follicle 32.4 mm	Good signs	Ovulation confirmed
Γ	15	Active, small follicle and CL 21.3 mm	Active, follicle 23.7 mm	Good signs	9 days post breed
		Active CL 24 mm	Active follicle 18,9, 15.4 and small. CL 20	Good signs	Introduce to Andalas, fight
	- 1			2000 orgino	in a cauce to randolado, rigin
			mm	0	
		Active CL 16.6 mm	Active follicle 21.5 and 19.1	Good signs	Introduce to Andalas, good
-	23			1	loourtohin
-					courtship
-		Active No follicle and CL smaller	Active follicle 20.7 and 20.1 mm (POF)	Good signs	24 Dec:Succesfull breed v
		Active No follicle and CL smaller	Active follicle 20.7 and 20.1 mm (POF)	Good signs	

)SA	Date			Estrus Behaviour	Duration & Comments
	Dale	Left Ovary	RESULTS Right Ovary		
Jan-07	12	Active, no follicle	Active, 4 small follicle 17x10 mm	Good signs	
5411-07		Active, 3 small follicle 8x7 mm	Active, small follicle	Good signs	
				-	
		Active, no follicle	Fairly inactive	Good signs	
		Inactive	Active, small follicle 9x7 mm	Good signs	
Feb-07		Inactive	Active, very small follicle	Good signs	
	9	Inactive	Active, small follicle 10x11	Good signs	
	12	Active, 2 small follicle	Active, small follicle 12x14	Good signs	
	14	No view	Active, small follicle 14x15	Good signs	
	16	Active, small follicle	Active, small follicle 14x16	Good signs	
		Active, small follicle	Active, small follicle	Good signs	
		Active, small follicle 13x15 mm	Active, small follicle 10x14	Good signs	
				-	
		Active, big follicle 18x18 mm	Active, small follicle 13x18	Good signs	
		No view	Active, small follicle 15x16	Good signs	
		Active, big follicle 18x19 mm	Active, small follicle 16x17	Good signs	
	26	Active, big follicle 18x21 mm	Active, small follicle 14x16	Good signs	
	27	Active, small follicle	Active, small follicle	Good signs	
	28	Active, small follicle	Active, small follicle	Good signs	Dark image
Mar-07		Active, small follicle	Active, small follicle	Good signs	
mar er		Active, big follicle 16x19 mm, several	Active, small follicle 12x13 mm	Good signs	
	-	÷		Cood signs	
	~	small follicle and CL 17x20 mm			
	6		Active, small follicle ~10 mm	Good signs	
		mm), CL16x18 mm			
	8	Active, small follicle 15x18 mm and CL	In active	Good signs	
		12x18 mm	1	-	
	10	Active, 2 follicle 14x14 and 12x21 mm	Active, small follicle 10x12 mm	Good signs	
		and CL 16x19 mm		Cood orgino	
	10		i I Dark imaga	Coodeiane	
			Dark image	Good signs	
	15	Active, 3 small follicle ~ 15, 17 and 17	Active, small follicle ~ 11 mm and CL ~ 18	Good signs	
		mm, CL ~ 20 mm	mm		
	19	Active, small follicle and CL 16	Active, follicle 16x17 mm	Good signs	
	20	Not found	Active, follicle 16x18 mm	Good signs	
	22	Active, CL 11x13 mm	Active, follicle 18x20 and 15x18 mm	Good signs	
			Active, Hemorrhagic follicle	Good signs	
			In Active		
	20	Active, 3 small follicle with the bigger	Active	Good signs	
	1	9x10 mm			
	31	Active, small follicle ~ 14 mm and CL	In Active	Good signs	
		12x16 mm	i		
	-		1		
Apr-07	5	Active, 2 small follicle ~ 13 mm And CL ~	In Active	Good signs	
Apr-07	5		In Active	Good signs	
Apr-07		Active, 2 small follicle ~ 13 mm And CL ~ 13 mm	In Active Active, small follicle 11x12 mm and CL	Good signs Good signs	
Apr-07		Active, 2 small follicle ~ 13 mm And CL ~ 13 mm	1 1 1	_	
Apr-07	9	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm	Active, small follicle 11x12 mm and CL 20x24 mm	Good signs	
Apr-07	9	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger	Active, small follicle 11x12 mm and CL	_	
Apr-07	9 12	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14	Good signs Good signs	
Apr-07	9 12 15	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm	Good signs Good signs Good signs	
Apr-07	9 12 15 17	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm	Good signs Good signs Good signs Good signs	
Apr-07	9 12 15 17 20	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm	Good signs Good signs Good signs Good signs Good signs	
Apr-07	9 12 15 17 20	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm	Good signs Good signs Good signs Good signs	
Apr-07	9 12 15 17 20 22	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm	Good signs Good signs Good signs Good signs Good signs	
Apr-07	9 12 15 17 20 22 24	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 75 mm and CL ~ 24 mm Active, 2 small follicle, CL	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 75 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, big follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, 3 small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 25 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 10x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 2 to 5 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 25 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 10x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and	Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 2 to 5 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11 11 13 16	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL	Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11 13 16 18	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 6 small follicle and CL Active, 5 mm Active, 2 follicle ~ 13 mm and 14x17 mm Active, small follicle ~ 13 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle - 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, 2 small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL	Good signs Good signs	
May-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 6 small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 75 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle 11x12 and 11x20 mm and CL old Active, Small follicle and CL Active, CL 11x14 mm Active, old CL Active, old CL	Good signs Good signs	
-	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 mall follicle ~ 13 mm Active, 5 mall follicle ~ 13 mm Active, 5 mall follicle and CL Active, 5 mall follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 75 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle 11x12 and 11x20 mm and CL old Active, Small follicle and CL Active, CL 11x14 mm Active, old CL Active, big follicle 18x19 mm	Good signs Good signs	
May-07	9 12 15 17 20 24 24 27 6 8 11 13 16 18 28 4 25	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 7 5 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm	Good signs Good signs	
May-07 Jun-07	9 12 15 17 20 24 24 27 6 8 11 13 16 18 28 4 25 28	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, 3 small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 7 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, 11x14 mm Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, follicle ~ 20 mm	Good signs Good signs	
May-07	9 12 15 17 20 24 24 27 6 8 11 13 16 18 28 4 25 28	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 2 15 mm and CL ~ 24 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, small follicle and CL Active, big follicle 18x19 mm Active big follicle 20 mm Active big follicle 21 mm and CL 22 mm Active, big follicle 32 mm	Good signs Good signs	Founded very big Follicle
May-07 Jun-07	9 12 15 17 20 24 24 27 6 8 11 13 16 13 16 18 28 4 25 28 1-3	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, 3 small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 7 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, 11x14 mm Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, follicle ~ 20 mm	Good signs Good signs	Founded very big Follicle RO, Cyst?
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4 25 28 4 25 28 1-3 5	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 2 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, follicle 20 mm Active, big follicle 32 mm Active, big follicle 33 mm	Good signs Good signs	RO, Cyst?
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4 25 28 1-3 5 7	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, 3 small follicle and CL old Active, 2 small follicle and CL Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 follicle ~ 13 mm and 14x17 mm Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 25x18 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 24 mm Active, 2 small follicle and CL 16x17 mm Active, 2 small follicle and CL 16x17 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 36 mm	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pn
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4 25 28 1-3 5 5 7 7	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, 3 small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, small follicle and CL Active, 2 small follicle and CL Active, 5 follicle 16x19 mm Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 14 mm Active, small follicle 17 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 15x18 mm Active, follicle 25 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, 2 small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL Active, small follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm	Good signs Good signs	RO, Cyst?
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4 25 28 1-3 5 7 7 11 15	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, 2 small follicle and CL Active, 3 small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 follicle ~ 13 mm and 14x17 mm Active, small follicle ~ 13 mm Active, small follicle and CL Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 17 mm Active, small follicle 7 0 mm, CL	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 5x18 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 24 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and CL old Active, Small follicle and CL Active, small follicle and CL Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 20 mm	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pn
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 16 18 28 4 25 28 1-3 5 5 7 11 15 17	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 7 mm Active, small follicle 7 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 7.5 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and CL old Active, Small follicle and CL Active, cL 11x14 mm Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 7 20 mm	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pn
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 136 18 28 4 25 28 4 25 28 1-3 5 7 111 15 17 20	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 17 mm Active, small follicle 720 mm Active, big follicle ~ 20 mm Active, big follicle ~ 24 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 5x18 mm Active, small follicle, CL Active, small follicle (old) and CL ~ 24 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and CL old Active, Small follicle and CL Active, small follicle and CL Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 20 mm	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pn
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 136 18 28 4 25 28 4 25 28 1-3 5 7 111 15 17 20	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 7 mm Active, small follicle 7 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 7.5 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and CL old Active, Small follicle and CL Active, cL 11x14 mm Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 7 20 mm	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pn
May-07 Jun-07	9 12 15 17 20 22 24 27 6 8 11 13 13 13 13 13 14 25 28 4 25 28 1-3 5 7 11 15 17 20 22	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 17 mm Active, small follicle 7 0 mm Active, big follicle ~ 20 mm Active, big follicle ~ 24 mm Active, big follicle ~ 24 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, follicle ~ 15 mm and CL ~ 24 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 18 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, 2 follicle 11x12 and 11x20 mm and CL old Active, small follicle and CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 19 mm Active, big follicle 15 mm Active, old follicle 15 mm Active, small follicle	Good signs Good signs	RO, Cyst? 22 Jul: met Andalas in pr
May-07 Jun-07	9 12 15 17 20 24 24 27 6 8 11 13 16 18 28 4 25 28 1-3 5 7 11 15 17 20 22 26	Active, 2 small follicle ~ 13 mm And CL ~ 13 mm Active, small follicle 14x14 mm and CL ~ 13 and 17x20 mm Active, 3 small follicle with the bigger 15x16 mm Active, small follicle and CL old Active, small follicle and CL Active, small follicle and CL Active, 3 small follicle and CL Active, 2 small follicle and CL Active, 5 small follicle and CL Active, 5 small follicle and CL Active, small follicle ~ 13 mm Active, small follicle ~ 13 mm Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle Active, small follicle 15 mm Active, small follicle 17 mm Active, small follicle 17 mm Active, small follicle 720 mm Active, big follicle ~ 20 mm Active, big follicle ~ 24 mm	Active, small follicle 11x12 mm and CL 20x24 mm Active, small follicle 11x14 Active, small follicle 17x20 mm Active, follicle 18x18 mm Active, follicle 15x18 mm Active, follicle 5x18 mm Active, follicle 5x18 mm Active, 2 small follicle, CL Active, small follicle (old) and CL ~ 24 mm Active, 2 small follicle and CL 16x17 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL 11x16 and 17x19 mm Active, small follicle and CL Active, small follicle and CL Active, CL 11x14 mm Active, old CL Active, big follicle 18x19 mm Active, big follicle 21 mm and CL 22 mm Active, big follicle 32 mm Active, big follicle 33 mm Active, big follicle 36 mm Active, big follicle 19 mm Active, big follicle 19 mm Active, big follicle 15 mm	Good signs Good signs	22 Jul: met Andalas in pr

Aug-07	5	Active	small follicle	Active	, small follicle	Good signs	
1			small follicle 16 mm		, 3 follicle ~ 11 mm	Good signs	
			2 small follicle ~ 15 mm		big follicle 21 mm	Good signs	
			small follicle 15 mm		follicle 17 mm	Good signs	
			small follicle 17 mm		, follicle 23, 18 mm	Good signs	
			small follicle		follicle 15 mm and old CL	Good signs	
			small follicle		small follicle	Good signs	
			follicle 16,5 mm and old CL		small follicle	Good signs	
			follicle 17, 13 and 14 mm		follicle 16 and 17 mm	Good signs	
			follicle 17, 13 and 14 mm		, follicle 16 and 17 mm	Good signs	
Sep-07					, follicle 21 mm	Good signs	16 - 18, 20, 28: coutship
			follicle ~14 mm, CL ~16 mm		follicle 22 mm	Good signs	between gate and also
		,	follicle ~16 mm, CL 13 mm		follicle 22 mm	Good signs	pairing but mostly Rosa
			follicle ~17 mm		follicle 22 mm	Good signs	avoid and run away. Never
			follicle 17.7 mm	i (	, follicle 20.3 mm	Good signs	been head to head directly
			follicle 24 mm		, follicle 23 mm	Good signs	except between gates
			follicle 26.3 mm		, follicle 25 mm	Good signs	except between gatee
		Dark in			, old follicle 22.4 mm	Good signs	
			8		, old follicle 22.8 and 13.2 mm	Good signs	
		Active,			, old follicle 21 mm and 13 mm	Good signs	
			no follicle		, follicle 18 mm	Good signs	
Oct-07				. ,	, follicle 16.7 mm		3, 19, 20: Pairing with
001-07			follicle 12 and 14 mm			Good signs	Andalas
					, follicle 17 mm	Good signs	Anualas
			follicle 15.8 and 14.7 mm		, follicle 21 mm and CL 17 mm	Good signs	Doop abound better as
			follicle 20.5 and 14 mm		follicle 20.7 mm and CL 23.5 mm	Good signs	Rosa showed better sexual
			follicle 22.2 mm	· · · · · ·	, follicle 22.8 mm and CL 12.9 mm	Good signs	behavior when met Andalas
			follicle 18 mm		, follicle 17 mm and CL 23 mm	Good signs	compare to before. She less
			follicle 21 mm		, follicle 15 mm and CL 22 mm	Good signs	afraid to Andalas. She also
			follicle 21 mm		, follicle 14 mm (old)	Good signs	has good follicle.
			follicle 20 mm		, follicle 13 mm (old)	Good signs	
			follicle 27 mm		, follicle 20.3 mm and CL 10.5 mm	Good signs	
			follicle 30.2 mm		, follicle 12.7 mm and CL 16.9 mm	Good signs	
			follicle 31.4 mm, 14.8 mm		, follicle 11.7 mm and CL 14.9 mm	Good signs	
	28	Active,	follicle 31.2 mm		, follicle 16.2 mm, 15.6 mm and CL	Good signs	
				17.1 m			
	30		follicle 36.8 mm, 14.1 and <15		, follicle 14.5 mm, CL1 17.0 mm and	Good signs	
Nev 07		mm	falliala 40.0 and 04.0 mm (0)	CL2 17		Coodeigne	10 Now also didate want to
Nov-07					, follicle 13 mm, CL 15.5 mm	Good signs	10 Nov: she didn't want to
					, CL 16 mm	Good signs	close, only stand max 5 m
	6		follicle 15.6, 11.6 and 30.8 mm	Active,	, follicle 12 mm and CL 13.7 mm	Good signs	from Andalas's bar. She run
	-		al follicles?)			<b>A I I</b>	away when Andalas released
	8		follicle 21, 18.6 and 26 mm	Active,	, follicle 16.6 mm and CL 12.5 mm	Good signs	to centre area.
			al follicles?)			<b>A I I</b>	
	10		follicle 20, 12.7 and 27.5 mm	Active,	, follicle 11.6 mm	Good signs	
		•	al follicles?)				
					, old CL 14 mm	Good signs	
	12		follicle 29.7 mm (several follicles?)	Active,	, old CL 18 mm	Good signs	
		and 20	mm	1			
	15						
		Active,	follicle 31 mm and CL 19 mm		, no follicle	Good signs	
		Active,	follicle 31 mm and CL 19 mm		, no follicle , no follicle and old CL	Good signs Good signs	
		Active,	follicle 31 mm and CL 19 mm				
	17	Active, Active, mm	follicle 31 mm and CL 19 mm	Active,		Good signs	
	17 20	Active, Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm	Active, Active, (?)	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm	Good signs Good signs	
	17 20 23	Active, Active, mm Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm	Active, Active, (?) Active,	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm	Good signs	
	17 20 23	Active, Active, mm Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm	Active, Active, (?) Active,	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm	Good signs Good signs	
	17 20 23	Active, Active, mm Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm	Active, Active, (?) Active,	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm	Good signs Good signs Good signs	
	17 20 23 25	Active, Active, mm Active, Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm	Active, Active, (?) Active, Active, mm	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm	Good signs Good signs Good signs	
	17 20 23 25	Active, Active, mm Active, Active, Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL19.6 mm and small Follicle	Active, Active, (?) Active, Active, mm	, no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm , follicle 10.8 and 12 mm and Cl old	Good signs Good signs Good signs Good signs	
	17 20 23 25 27	Active, Active, mm Active, Active, Active, 14.6, 1	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2,	Active, Active, (?) Active, Active, mm Active,	no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm , follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm	Good signs Good signs Good signs Good signs	
	17 20 23 25 27	Active, Active, mm Active, Active, Active, 14.6, 1	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm	Active, Active, (?) Active, Active, mm Active,	no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm , follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm	Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm	Active, Active, (?) Active, Active, Mm Active, Active,	no follicle and old CL , follicle 14 mm, 14 mm and 12.7 mm , several small follicle 11 mm , follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm	Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29 1	Active, Active, mm Active, Active, Active, 14.6, 1 Active, <u>mm</u> Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle .CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3	Active, (?) Active, Active, Mm Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm	Good signs Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, mm Active, Active, Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle .CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm	Active, (?) Active, Active, Mm Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old CL 14.3 mm and 2 follicle 14 mm CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 14.1 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle .CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm	Active, Active, (?) Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 14.1 mm follicle 20.9 mm	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 17.4 mm	Active, (?) Active, Active, Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 14.1 mm follicle 20.9 mm , no follicle	Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 17.4 mm follicle 16.2 mm	Active, (?) Active, Active, Mm Active, Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm , follicle 20.9 mm , no follicle , follicle 19.5 mm and CL 16.4 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 17.4 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm	Active, (?) Active, Active, Mm Active, Active, Active, Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm , follicle 20.9 mm , no follicle , follicle 19.5 mm and CL 16.4 mm , follicle 16.2 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm	Active, (?) Active, Active, Mm Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12	Active, Active, mm Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 .2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 17.4 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm	Active, (?) Active, Active, Mm Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active, Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm , follicle 20.9 mm , no follicle , follicle 19.5 mm and CL 16.4 mm , follicle 16.2 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14	Active, Active, mm Active, Active, Active, 14.6, 1 Active, 14.6, 1 Active, Mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 23.3 mm follicle 17.8 mm and 15.2 mm	Active, Active, (?) Active, Ac	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old CL 14.3 mm and 2 follicle 14 mm CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mm follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 23.3 mm follicle 17.8 mm and 15.2 mm	Active, Active, (?) Active, Ac	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old CL 14.3 mm and 2 follicle 14 mm CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mm follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15 18	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 17.8 mm and 15.2 mm follicle 18, 16.6, 16.7 mm	Active, (?) Active, Active, Mm Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mr follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm follicle 24.9 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15 18 20	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, Mctive, Act	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 17.8 mm and 15.2 mm follicle 18, 16.6, 16.7 mm follicle 12.8 and 13.9 mm. CL 19.8	Active, (?) Active, Active, Mm Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mm follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm follicle 24.9 mm follicle 25.1 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15 18 20 23	Active, Active, Mm Active, Active, Active, Active, 14.6, 1 Active, Mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 17.8 mm and 15.2 mm follicle 18, 16.6, 16.7 mm follicle 12.8 and 13.9 mm. CL 19.8 2 follicle 18.9 mm and small. CL sr	Active, (?) Active, Active, Mm Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 16.2 mm follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm follicle 24.9 mm follicle 25.1 mm follicle 22.7 mm	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15 18 20 23 25	Active, Active, mm Active, Active, Active, Active, 14.6, 1 Active, mm Active,	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 17.8 mm and 15.2 mm follicle 17.8 mm and 15.2 mm follicle 18, 16.6, 16.7 mm follicle 12.8 and 13.9 mm. CL 19.8 2 follicle 18.9 mm and small. CL sm 2 follicle 17 mm and small. CL small	Active, (?) Active, Active, mm Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mr follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm follicle 25.1 mm follicle 25.1 mm follicle 22.7 mm follicle 26.2 mm (Hemorragic?)	Good signs Good signs	
Dec-07	17 20 23 25 27 29 1 3 6 8 9 10 12 14 15 18 20 23 25 28	Active, Active, Mm Active, Act	follicle 31 mm and CL 19 mm follicle 14.7 mm and CL/Fo? 24.6 2 CL ~ 15 and 20 mm CL 24.6 mm CL 19.6 mm and small Follicle CL 12.6 mm, Active follicle 16.2, 2.6 & 12.7 mm follicle 20.3 mm, 12.1 mm and 7.4 follicle 20.3 mm, 12.1 mm and 7.4 follicle 10.3 follicle 8.0 mm and CL 25.8 mm follicle 11.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 14.5 mm and CL 15.0 mm follicle 16.2 mm follicle 16.2 mm follicle 18.1 mm and CL 16.4 mm follicle 17.9 mm and 14.0 mm follicle 17.8 mm and 15.2 mm follicle 18, 16.6, 16.7 mm follicle 12.8 and 13.9 mm. CL 19.8 2 follicle 18.9 mm and small. CL sr	Active, (?) Active, Active, Mm Active,	no follicle and old CL follicle 14 mm, 14 mm and 12.7 mm several small follicle 11 mm follicle 10.8 and 12 mm and Cl old , CL 14.3 mm and 2 follicle 14 mm , CL 12.6 mm and follicle 12.2 mm follicle 15.2 mm follicle 15.2 mm follicle 20.9 mm , no follicle follicle 19.5 mm and CL 16.4 mm follicle 19.5 mm and CL 16.4 mm follicle 16.2 mm follicle 17.6 and CL 12.8 mm, 19.4 mm follicle 20.3 mm and CL 15.3 mm follicle 28.4 mm follicle 25.1 mm follicle 25.1 mm follicle 22.7 mm follicle 26.2 mm (Hemorragic?) , 2 CL 20 and 18 mm	Good signs Good signs	

#### FACILITIES SECTION Facilities Maintenance & Development (Record all major maintenance and development of facilities)

	Start	End	Description	Comments
Jan-07	17	31	Building Boma for Andalas (20 x 30 m)	covered with net and tent (stall & boma)
Feb-07	1	19	Build Bathpool, electric system, observ-post in Andalas Stall/Boma	
	28		Rebuild / upgrade Garbage Incinerator	
Mar-07		9	Rebuild / upgrade Garbage Incinerator	finish
	3		Build the 2nd Boma for Andalas, without clearing ground	
	10		Rebuild / upgrade new generator house	
Apr-07		9	Build the 2nd Boma for Andalas, without clearing ground	finish
-		19	Rebuild / upgrade new generator house	finish
May-07	5	19	Build the 2nd fence line on the road to center	
Jun-07	-	-	-	-
Jul-07	-	-	-	-
Aug-07	2	2	Built Boma for Torgamba in paddock 3	Torgamba special health care
U	13	17	rebuild/upgrade concrete stall and built Boma paddock 1 for Torgamb	
	29		Moving 2nd central fence paddock 5B (Andalas)	
Sep-07		2		finish
000 01	8	10	Moving 2nd central fence paddock IA (Torgamba)	
	28		Renovate office building roof	
Oct-07		3	Renovate office building roof	finish
001-07	10	11	Participate fixing of Way Batin Gate	finish
Nov 07	10	16	Built Boma for Torgamba in paddock I A	finish
Nov-07	20		Build platform for Water Tower in all stall	
D	-			
Dec-07		15		finish for stall I & II
Equipm			ition & Repair (Record all major acquisitions and repair	of equipment)
	Date	Date		
			Description	Comments
	Start		-	Comments
Jan-07		<b>End</b> 24	Service rhino weigh-scale	
Jan-07			-	
Jan-07	3	24	Service rhino weigh-scale	
Jan-07	3 9	24 10	Service rhino weigh-scale Service Motor trail Suzuki trail TS	Suzuki Motor Cycle broken most often
Jan-07 Feb-07	3 9 22	24 10 25	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ	
	3 9 22 26	24 10 25 27	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL	
	3 9 22 26 4	24 10 25 27 5	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often
Feb-07	3 9 22 26 4 28	24 10 25 27 5 29	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often
Feb-07 Mar-07	3 9 22 26 4 28 1	24 10 25 27 5 29 2	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often
Feb-07	3 9 22 26 4 28 1 24	24 10 25 27 5 29 2 24	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken
Feb-07 Mar-07	3 9 22 26 4 28 1 24 23	24 10 25 27 5 29 2 24 24 25 24	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken
Feb-07 Mar-07 Apr-07	3 9 22 26 4 28 1 24 23 24 25	24 10 25 27 5 29 2 24 25 24 	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta
Feb-07 Mar-07	3 9 22 26 4 28 1 24 23 24 25 9	24 10 25 27 5 29 2 24 25 24  9	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir
Feb-07 Mar-07 Apr-07 May-07	3 9 22 26 4 28 1 24 23 24 25 9 19	24 10 25 27 5 29 2 24 25 24  9 19	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right
Feb-07 Mar-07 Apr-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10	24 10 25 27 5 29 2 24 25 24  9 19 13	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine
Feb-07 Mar-07 Apr-07 May-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20	24 10 25 27 5 29 2 24 25 24  9 19 13 20	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir
Feb-07 Mar-07 Apr-07 May-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine
Feb-07 Mar-07 Apr-07 May-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24 28	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo
Feb-07 Mar-07 Apr-07 May-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10	24 10 25 27 5 29 2 24 25 24  9 19 13 20 24 28 10	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires
Feb-07 Mar-07 Apr-07 May-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15	24 10 25 27 5 29 2 24 25 24  9 19 13 20 24 28 10 17	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service Generator MWM & Kubota (20 KVA) Service Motorcycle (Honda Supra) Renew kitchen cabinet	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo
Feb-07 Mar-07 Apr-07 May-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15 21	24 10 25 27 5 29 2 24 25 24  9 19 13 20 24 28 10 17 	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24 28 10 17  20	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (Honda GL Pro & GL Max)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine
Feb-07 Mar-07 Apr-07 May-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15 21 20 	24 10 25 27 5 29 2 24 25 24  9 19 13 20 24 28 10 17  20 2 2	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (Honda GL Pro & GL Max) Service chairs of the office (10)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15 21 20  6	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24 28 10 17  20 2 2 6	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Pickup Isuzu F 8425 C Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15 21 20  6 22	24 10 25 27 5 29 2 4 25 24 25 24 25 24 25 24 30 24 28 10 17  20 2 2 6 6 23	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Rotorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service Generator MWM & Kubota (20 KVA) Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS)	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07	3         9         22         26         4         28         1         24         25         9         19         10         20         23         28         10         20         23         28         10         15         21         20            6         22         28	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24 28 10 17  20 2 2 6	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07 Aug-07	3 9 22 26 4 28 1 24 23 24 25 9 19 10 20 23 28 10 15 21 20  6 22	24 10 25 27 5 29 2 24 25 24 25 24 25 24 25 24 19 13 20 24 28 10 17  20 2 2 6 6 23  	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident shock breaker, hind per, power steering
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07	3         9         22         26         4         28         1         24         23         24         25         9         10         20         23         28         10         15         21         20            6         22         28         31	24 10 25 27 5 29 2 24 25 24 25 24 25 24  9 19 13 20 24 28 10 17  20 24 23  2 3  22 3  22 24 24 25 24 24 25 24 24 25 24 24 25 24 24 24 25 24 24 24 25 24 24 24 25 24 24 24 24 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F 8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident shock breaker, hind per, power steering shock breaker, hind per, power steering
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07 Aug-07	3         9         22         26         4         28         1         24         25         9         19         10         20         23         28         10         20         23         28         10         15         21         20            6         22         28	24 10 25 27 5 29 2 24 25 24 25 24 25 24 25 24 19 13 20 24 28 10 17  20 2 2 6 6 23  	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident shock breaker, hind per, power steering
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07 Aug-07	3         9         22         26         4         28         1         24         23         24         25         9         10         20         23         28         10         15         21         20            6         22         28         31	24 10 25 27 5 29 2 24 25 24 25 24 25 24  9 19 13 20 24 28 10 17  20 24 23  2 3  22 3  22 24 24 25 24 24 25 24 24 25 24 24 25 24 24 24 25 24 24 24 25 24 24 24 25 24 24 24 24 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F 8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident shock breaker, hind per, power steering shock breaker, hind per, power steering
Feb-07 Mar-07 Apr-07 Jun-07 Jun-07 Aug-07 Sep-07	3         9         22         26         4         28         1         24         23         24         25         9         19         10         20         23         28         10         15         21         20            6         22         28         31            23	24 10 25 27 5 29 2 24 25 24 25 24  9 19 13 20 24 28 10 17  20 24 28 10 17  20 2 4 28 23  23  23 	Service rhino weigh-scale Service Motor trail Suzuki trail TS Light service Station Isuzu F1266 BJ Service Motor Suzuki trail TS & Honda GL Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C Service Pickup Isuzu F 8425 C New set (5) tires for Pickup Isuzu F 8425 C Light service Misubishi car F 8600 E Light service Pick up Isuzu F8425 BJ Service rhino weigh-scale Service Motorcycle trail Suzuki TS Service Motorcycle (Honda GL Pro) Service Motorcycle (Honda GL Pro) Service Generator MWM & Kubota (20 KVA) Service Generator MWM & Kubota (20 KVA) Service electric relay for water pump Service Motorcycle (Honda Supra) Renew kitchen cabinet Service chairs of the office (10) Light service Motorcycle (GL max) Service motorcycle (GL max) Service motorcycle (TS) Overhaul Mitsubishi L200 F 8600E Service Pickup Isuzu F 8425 C	Suzuki Motor Cycle broken most often Pickup Isuzu also broken most often Bolt join broken in Bogor repaired in Jakarta replacing new gir New bolt-join front left & right Machine Body, chasis & gir Dynamo Tires by carpenter from Plang ijo Tires by carpenter from Plang ijo machine finish repairing oil replacing, flash light and gas machine, clutch and perseneling big accident shock breaker, hind per, power steering still insurance

Nov-07	4	5	Service Motorcycle (Honda Supra)	light service machine
	7	10	Service motorcycle (GL max)	Service chain gir
	12	12	Service Bobcat	Big service machine and hidrolic
Des-07	3	6	Service rhino weigh-scale	electronic of the bar
	12	12	Service Generator Kubota J310	
	12	12	Service Pickup Isuzu F 8425 C	

Equipment Needs (Record all needs for new or replacement of major equipment)

	Description	Action taken & Comments
Jan-07	- New small genset for andalas Boma	But in Jakarta or Lampung
	- Bath pool for car to to Andalas stall / paddock	Anticipated truck / crane of andalas Transport
	- Platform outside Andalas stall for journalist	Clear view for camera
Feb-07	- Radio repeater and some new Handie talkie immediately	Vital for communication for andalas
Mar-07	- Cover for the rhino crate on the trailer	
	- New small genset too for Torgamba	Always back ti stall every night and feeding
	- New baterries HT radio	Make sure good communication all staff
Apr-07	-	-
May-07	<ul> <li>Some new big but handy torchlight for keeper</li> </ul>	Anticipating checking andalas in the forest
Jun-07	-	-
Jul-07	- New Multimedia Computer	Renew the old
Aug-07	- New water tank system for each stall (anticipated dry season and save diesel)	3 stall have water tank, but no pipes yet
	- New drainage system each stall	For all stall
	- New freezer for rhino sample collection (2)	Bank serum and fecal sample, ASAP
Sep-07	<ul> <li>New video and digital SLR camera (compatible for microscope)</li> </ul>	Many lab analysis, good documentation
	- Some new health examiner equipments	See RCMP (Robin) Report
Oct-07	<ul> <li>Need changing filter media of water tower</li> </ul>	
	- Need new hard woodblock for weigh scale	
Nov-07	- Need service bob cat	Finish at 12 Nov
	- Need repair some stall (repaint metal bar, floor, etc)	Have been started at 15 Nov
Dec-07		-