

## 1. FEEDLOT CATTLE

### AVERAGE CATTLE WEIGHT

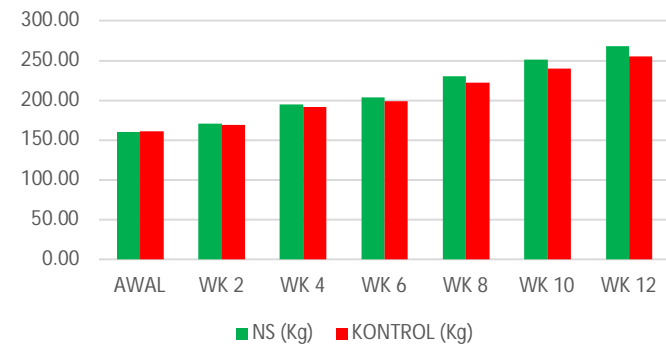
TREATMENT	Initial	WK 2	WK 4	WK 6	WK 8	WK 10	WK 12
NS (Kg)	160,20	170,80	195,00	204,20	230,40	251,60	268,00
CONTROL (Kg)	161,00	169,20	191,40	199,20	222,40	240,20	255,00

Note. Farm Location is Subang

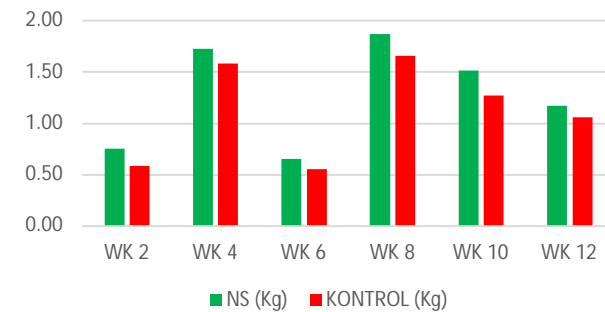
### AVERAGE DAILY GAIN (ADG)

TREATMENT	WK 2	WK 4	WK 6	WK 8	WK 10	WK 12	TOTAL
NS (Kg)	0,76	1,73	0,66	1,87	1,51	1,17	1,28
CONTROL (Kg)	0,59	1,59	0,56	1,66	1,27	1,06	1,12

### Average Cattle Weight (Kg/Head)



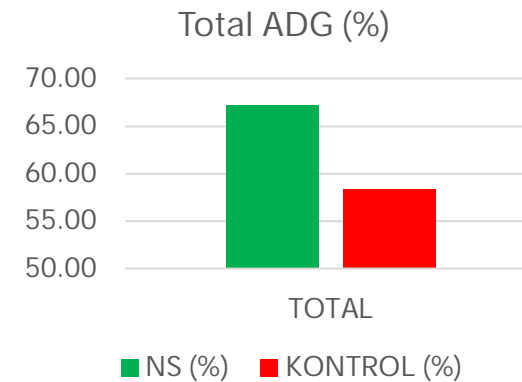
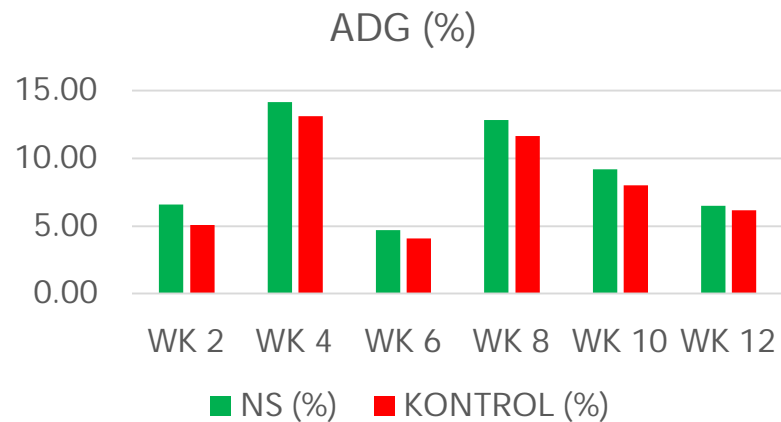
### Average Daily Gain (Kg)



## 2. FEEDLOT CATTLE

### % OF ADG

TREATMENT	WK 2	WK 4	WK 6	WK 8	WK 10	WK 12	TOTAL
NS (%)	6,62	14,17	4,72	12,83	9,20	6,52	67,29
CONTROL (%)	5,09	13,12	4,08	11,65	8,00	6,16	58,39



**INCREASING MILK PRODUCTION**
**2. DAIRY CATTLE**

No	No Ear Tag	Lact.	Farmer	Treatment	Numb of cattle (head)	Initial Production		Production during Treatment		Increase	
						Average prod/day (Lt)	Aver Prod/head/day (Lt)	Average prod/day (Lt)	Aver Prod/head/day (Lt)	Average prod/day (Lt)	Aver Prod/head/day (%)
1	07140	2	Pulis	NS	4	17	12,25	21,86	15,64	3,39	<b>28%</b>
2	10156		Toni			11		12,03			
3	09591		Yoyo			12		16,60			
4	061003		Memem			9		12,06			
5	09844		Oman	Kontrol	2	16	13,5	19,92	14,85	1,35	<b>10%</b>
6	08589		Yoyo			11		9,78			

Cat: Treatment was start 14 August - 1 October 2015 at Garut, West Java

**RESTRAIN DECLINING MILK PRODUCTION**

No	No Ear Tag	Lact.	Farmer	Treatment	Numb of cattle (head)	Initial Production		Production during Treatment		Increase	
						Average prod/day (Lt)	Aver Prod/head/day (Lt)	Average prod/day (Lt)	Aver Prod/head/day (Lt)	Average prod/day (Lt)	Aver Prod/head/day (%)
1	06939	1	Toni	NS	4	15	15,00	12,38	13,37	-1,63	<b>-11%</b>
2	09791		Oman			15		14,63			
3	10154					15		12,32			
4	08942		Caca			15		14,16			
5	08944		Entis	Kontrol	3	15	15,00	13,51	12,92	-2,08	<b>-14%</b>
6	10037		Oman			18		15,11			
7	06994		Aso			12		10,14			

## 2. DAIRY CATTLE

Category	Lactation	Treatment	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Average	Difference (NS vs Control)
<b>FAT (Lemak)</b>	1	Perlakuan NS	3,94	3,7	3,88	3,97	4,45	4,42	3,81	4,04	0,47
		Kontrol	3,49	3,4	3,7	3,58	4,18	3,48	3,15	3,57	
	2	Perlakuan NS	3,93	4,09	3,61	3,8	3,69	2,9	3,75	3,68	0,10
		Kontrol	3,26	3,31	3,4	3,61	4,39	3,79	3,28	3,58	
<b>PRO (Protein)</b>	1	Perlakuan NS	2,58	2,65	2,62	2,55	2,53	3,08	2,62	2,66	0,24
		Kontrol	2,32	2,2	2,37	2,51	2,54	2,54	2,5	2,43	
	2	Perlakuan NS	2,52	2,58	2,47	2,48	2,49	2,42	2,42	2,48	-0,01
		Kontrol	2,43	2,52	2,51	2,52	2,55	2,46	2,47	2,49	
<b>Berat Jenis (BJ)</b>	1	Perlakuan NS	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	0,0008
		Kontrol	1,020	1,020	1,021	1,022	1,023	1,022	1,022	1,021	
	2	Perlakuan NS	1,021	1,021	1,021	1,021	1,021	1,021	1,021	1,020	-0,0001
		Kontrol	1,021	1,022	1,021	1,021	1,021	1,021	1,021	1,021	
<b>Total Solid (TS)</b>	1	Perlakuan NS	11,34	11,2	11,22	11,45	11,9	12,05	11,38	11,51	0,82
		Kontrol	10,26	10,25	10,8	10,91	11,63	10,74	10,18	10,68	
	2	Perlakuan NS	11,31	11,39	10,84	11,05	10,98	11,05	10,76	11,05	0,22
		Kontrol	10,33	10,53	10,82	10,87	11,85	11,03	10,43	10,84	

### 3. GOAT

No	SAPUTRA				CONTROL			
	Initial Weight (Kg)	Harvest Weight (Kg)	Gain (Kg)	ADG (Kg/head/day)	Initial Weight (Kg)	Harvest Weight (Kg)	Gain (Kg)	ADG (Kg/head/day)
1	26	30	4	0,13	15	18	3	0,1
2	16	20	4	0,13	16	20	4	0,13
3	24	30	6	0,20	24	25	1	0,03
4	24	27	3	0,10	20	20	0	0,00
5	21	25	4	0,13	18	20	2	0,07
6	10	12	2	0,07	14	16	2	0,07
7	15	17	2	0,07	16	20	4	0,13
8	10	13	3	0,10	16	20	4	0,13
9	14	17	3	0,10	17	20	3	0,1
10	24	28	4	0,13	21	25	4	0,13
<b>Average of ADG</b>			<b>3,5</b>	<b>0,12</b>			<b>2,7</b>	<b>0,10</b>
<b>Difference of NS - Control</b>			<b>0,8</b>	<b>0,02</b>				

*Note. Location: Karawang*

## 4. SUMMARY of RESULT

1. With SAPUTRA Nutrient ADG Feedlot is 1,28 kg/head/day (increase 67,29 %), while without SAPUTRA , feedlot ADG 1,12 kg/head/day (increase 58,39 %).
2. The difference ADG Feedlot between SAPUTRA to Control is 0,16 kg/head/day
3. On Dairy cattle, milk production increase average 28%, while Control average increase is 10%.
4. SAPUTRA nutrient is able to withstand the decline in milk production especially during the dry season where grass availability is more difficult (unstable feed)
5. The quality of milk, especially fat content and density is higher on dairy cattle with SAPUTRA nutrient.