

# Ishrana ovaca

Potrebe ovaca

# 1. Jagnjad/šilježad, umeren prirast

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
10	200	0.5	5	0.4	7.536	5.862	127	4	1.9
15	225	0.75	5	0.6	11.095	9.002	147	4.7	2.2
20	250	1	5	0.8	14.654	12.142	167	5.4	2.5
25	275	1.15	4.65	0.9	16.538	13.607	179	6.05	2.85
30	300	1.3	4.3	1	18.422	15.072	191	6.7	3.2
35	322.5	1.4	4.05	1.08	19.887	16.329	196.5	7.2	3.55
40	345	1.5	3.8	1.16	21.353	17.585	202	7.7	3.9
45	322.5	1.5	3.4	1.16	21.353	17.585	191.5	7.35	3.85
50	300	1.5	3	1.16	21.353	17.585	181	7	3.8

## 2. Jagnjad/šilježad, intenzivan prirast

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
10	250	0.6	6	0.48	8.792	7.118	157	4.9	2.2
15	275	0.9	6	0.7	12.770	10.467	181	5.7	2.55
20	300	1.2	6	0.92	16.747	13.816	205	6.5	2.9
25	312.5	1.3	5.35	1.01	18.422	15.282	210.5	6.85	3.15
30	325	1.4	4.7	1.1	20.097	16.747	216	7.2	3.4
35	362.5	1.45	4.25	1.12	20.515	16.957	225	7.9	3.85
40	400	1.5	3.8	1.14	20.934	17.166	234	8.6	4.3
45	412.5	1.6	3.6	1.215	22.399	18.422	237	9	4.55
50	425	1.7	3.4	1.29	23.865	19.678	240	9.4	4.8
55	387.5	1.7	3.1	1.29	23.865	19.678	240	8.8	4.65
60	350	1.7	2.8	1.29	23.865	19.678	240	8.2	4.5

### 3. Šiljegani, dvisci i ovnovi

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
40	330	1.8	4.5	1.1	20.934	17.166	243	7.8	3.7
50	325	2.1	4.25	1.3	24.493	20.097	253	8.1	3.95
60	320	2.4	4	1.5	28.052	23.027	263	8.4	4.2
70	305	2.6	3.75	1.65	30.354	24.911	265.5	8.45	4.4
80	290	2.8	3.5	1.8	32.657	26.796	268	8.5	4.6
90	270	2.9	3.25	1.89	33.913	27.842	266	8.35	4.7
100	250	3	3	1.9	35.169	28.889	264	8.2	4.8

## 4. Nesjagnjene šilježice

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
30	227	1.2	4	0.78	14.235	11.723	185	6.4	2.6
35	204.5	1.3	3.75	0.845	15.491	12.770	180.5	6.15	2.6
40	182	1.4	3.5	0.91	16.747	13.816	176	5.9	2.6
45	151	1.45	3.25	0.895	16.538	13.523	156	5.35	2.5
50	120	1.5	3	0.88	16.329	13.398	136	4.8	2.4
55	110	1.5	2.75	0.88	16.329	13.398	135	4.65	2.45
60	100	1.5	2.5	0.88	16.329	13.398	134	4.5	2.5
65	100	1.5	2.3	0.88	16.329	13.398	133	4.55	2.65
70	100	1.5	2.1	0.88	16.329	13.398	132	4.6	2.8

## 5. Visokosjagnjene šilježice i dviske, 1 jagnje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
40	180	1.5	3.8	0.94	17.166	14.235	187	6.4	3.1
45	170	1.55	3.5	0.97	17.794	14.654	188	6.35	3.25
50	0.35	1.6	3.2	1	18.422	15.072	189	6.3	3.4
55	160	1.65	3	1.035	19.050	15.701	190.5	6.45	3.6
60	160	1.7	2.8	1.07	19.678	16.329	192	6.6	3.8
65	155	1.75	2.7	1.105	20.306	16.747	193	6.7	4
70	150	1.8	2.6	1.14	20.934	17.166	194	6.8	4.2

## 6. Visokosjagnjene šilježice i dviske, 2 jagnjeta

<b>TM, kg</b>	<b>Prirast, g/dan</b>	<b>SM, kg</b>	<b>SM, %TM</b>	<b>TDN, kg</b>	<b>SE, MJ</b>	<b>ME, MJ</b>	<b>UP, g</b>	<b>Ca, g</b>	<b>P, g</b>
40	225	1.5	3.8	0.99	18.422	15.072	202	7.4	3.5
45	225	1.55	3.5	1.025	19.050	15.491	203	7.6	3.7
50	225	1.6	3.2	1.06	19.678	15.910	204	7.8	3.9
55	225	1.65	3	1.09	20.097	16.329	205.5	7.95	4.1
60	225	1.7	2.8	1.12	20.515	16.747	207	8.1	4.3
65	220	1.75	2.7	1.13	20.725	16.957	208.5	8.15	4.5
70	215	1.8	2.6	1.14	20.934	17.166	210	8.2	4.7

## 7. Ojagnjene dviske, rana laktacija, 1 jagnje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
40	-50	1.7	4.2	1.12	20.515	16.747	257	6	4.3
45	-50	1.9	4.2	1.255	23.027	18.841	269.5	6.25	4.5
50	-50	2.1	4.2	1.39	25.539	20.934	282	6.5	4.7
55	-50	2.2	4	1.455	26.796	21.981	288.5	6.65	4.9
60	-50	2.3	3.8	1.52	28.052	23.027	295	6.8	5.1
65	-50	2.4	3.7	1.585	29.308	24.074	298	6.95	5.35
70	-50	2.5	3.6	1.65	30.564	25.121	301	7.1	5.6

## 8. Ojagnjene dviske, rana laktacija, 2 jagnjeta

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
40	-100	2.1	5.2	1.45	26.796	21.771	306	8.4	5.6
45	-100	2.2	4.9	1.52	28.052	22.818	313.5	8.55	5.8
50	-100	2.3	4.6	1.59	29.308	23.865	321	8.7	6
55	-100	2.4	4.4	1.655	30.564	24.911	328.5	8.85	6.2
60	-100	2.5	4.2	1.72	31.820	25.958	336	9	6.4
65	-100	2.6	4.05	1.785	32.866	26.796	343.5	9.15	6.65
70	-100	2.7	3.9	1.85	33.913	27.633	351	9.3	6.9

## 9. Udržne potrebe ovaca

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	10	1	2	0.55	10.048	8.374	95	2	1.8
55	10	1.05	1.9	0.58	10.676	8.792	99.5	2.15	1.95
60	10	1.1	1.8	0.61	11.304	9.211	104	2.3	2.1
65	10	1.15	1.75	0.635	11.723	9.630	108.5	2.4	2.25
70	10	1.2	1.7	0.66	12.142	10.048	113	2.5	2.4
75	10	1.25	1.65	0.69	12.770	10.467	117.5	2.6	2.6
80	10	1.3	1.6	0.72	13.398	10.886	122	2.7	2.8
85	10	1.35	1.55	0.75	13.816	11.304	126.5	2.8	2.95
90	10	1.4	1.5	0.78	14.235	11.723	131	2.9	3.1

# 10. Priprema za mrkanje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	100	1.6	3.2	0.94	17.166	14.235	150	5.3	2.6
55	100	1.65	3	0.97	17.794	14.654	153.5	5.4	2.75
60	100	1.7	2.8	1	18.422	15.072	157	5.5	2.9
65	100	1.75	2.7	1.03	19.050	15.491	160.5	5.6	3.05
70	100	1.8	2.6	1.06	19.678	15.910	164	5.7	3.2
75	100	1.85	2.5	1.09	20.097	16.329	167.5	5.8	3.4
80	100	1.9	2.4	1.12	20.515	16.747	171	5.9	3.6
85	100	1.95	2.3	1.15	20.934	17.166	174	6	3.75
90	100	2	2.2	1.18	21.353	17.585	177	6.1	3.9

# 11. Sredina sjagnjenosti

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	30	1.2	2.4	0.67	12.560	10.048	112	2.9	2.1
55	30	1.25	2.3	0.695	12.979	10.467	116.5	3.05	2.3
60	30	1.3	2.2	0.72	13.398	10.886	121	3.2	2.5
65	30	1.35	2.1	0.745	13.816	11.304	125.5	3.35	2.7
70	30	1.4	2	0.77	14.235	11.723	130	3.5	2.9
75	30	1.45	1.95	0.795	14.654	12.142	134.5	3.65	3.1
80	30	1.5	1.9	0.82	15.072	12.560	139	3.8	3.3
85	30	1.55	1.85	0.845	15.491	12.979	143.5	3.95	3.45
90	30	1.6	1.8	0.87	15.910	13.398	148	4.1	3.6

## 12. Kasna sjagnjenost, 1 jagnje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	180	1.6	3.2	0.94	17.166	14.235	175	5.9	3.4
55	180	1.65	3	0.97	17.794	14.654	179.5	5.95	3.7
60	180	1.7	2.8	1	18.422	15.072	184	6	4
65	180	1.75	2.7	1.03	19.050	15.491	188.5	6.1	4.25
70	180	1.8	2.6	1.06	19.678	15.910	193	6.2	4.5
75	180	1.85	2.5	1.09	20.097	16.329	197.5	6.25	4.8
80	180	1.9	2.4	1.12	20.515	16.747	202	6.3	5.1
85	180	1.95	2.3	1.15	20.934	17.166	207	6.35	5.4
90	180	2	2.2	1.18	21.353	17.585	212	6.4	5.7

# 13. Kasna sjagnjenost, 2 jagnjeta

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	225	1.7	3.4	1.1	20.097	16.747	196	6.2	4.8
55	225	1.75	3.2	1.135	20.725	17.166	200.5	6.55	5
60	225	1.8	3	1.17	21.353	17.585	205	6.9	5.2
65	225	1.85	2.85	1.205	21.981	18.003	209.5	7.25	5.4
70	225	1.9	2.7	1.24	22.609	18.422	214	7.6	5.6
75	225	1.95	2.6	1.27	23.237	19.050	218.5	7.95	5.85
80	225	2	2.5	1.3	23.865	19.678	223	8.3	6.1
85	225	2.05	2.4	1.335	24.493	20.306	227.5	8.6	6.3
90	225	2.1	2.3	1.37	25.121	20.934	232	8.9	6.5

# 14. Rana laktacija, 1 jagnje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	-25	2.1	4.2	1.36	25.121	20.515	304	8.9	6.1
55	-25	2.2	4	1.43	26.377	21.562	311.5	9	6.35
60	-25	2.3	3.8	1.5	27.633	22.609	319	9.1	6.6
65	-25	2.4	3.7	1.565	28.889	23.655	326.5	9.2	6.8
70	-25	2.5	3.6	1.63	30.145	24.702	334	9.3	7
75	-25	2.55	3.4	1.66	30.564	25.121	339	9.4	7.2
80	-25	2.6	3.2	1.69	30.982	25.539	344	9.5	7.4
85	-25	2.65	3.1	1.72	31.401	25.958	348.5	9.55	7.6
90	-25	2.7	3	1.75	31.820	26.377	353	9.6	7.8

# 15. Rana laktacija, 2 jagnjeta

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	-60	2.4	4.8	1.56	28.889	23.446	389	10.5	7.3
55	-60	2.5	4.55	1.625	29.936	24.493	397	10.6	7.5
60	-60	2.6	4.3	1.69	30.982	25.539	405	10.7	7.7
65	-60	2.7	4.15	1.755	32.238	26.586	426.5	10.85	7.9
70	-60	2.8	4	1.82	33.494	27.633	420	11	8.1
75	-60	2.9	3.9	1.885	34.750	28.470	427.5	11.1	8.35
80	-60	3	3.8	1.95	36.006	29.308	435	11.2	8.6
85	-60	3.1	3.7	2.015	37.263	30.354	442.5	11.3	8.8
90	-60	3.2	3.6	2.08	38.519	31.401	450	11.4	9

# 16. Kasna laktacija, 1 jagnje

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	45	1.6	3.2	0.94	17.166	14.235	175	5.9	8
55	45	1.65	3	0.97	17.794	14.654	179.5	5.95	5
60	45	1.7	2.8	1	18.422	15.072	184	6	5.2
65	45	1.75	2.7	1.03	19.050	15.491	188.5	6.1	5.4
70	45	1.8	2.6	1.06	19.678	15.910	193	6.2	5.6
75	45	1.85	2.5	1.09	20.097	16.329	197.5	6.25	5.85
80	45	1.9	2.4	1.12	20.515	16.747	202	6.3	6.1
85	45	1.95	2.3	1.15	20.934	17.166	207	6.35	6.3
90	45	2	2.2	1.18	21.353	17.585	212	6.4	6.5

# 17. Kasna laktacija, 2 jagnjeta

TM, kg	Prirast, g/dan	SM, kg	SM, %TM	TDN, kg	SE, MJ	ME, MJ	UP, g	Ca, g	P, g
50	90	2.1	4.2	1.36	25.121	20.515	304	8.9	6.1
55	90	2.2	4	1.43	26.377	21.562	311.5	9	6.35
60	90	2.3	3.8	1.5	27.633	22.609	319	9.1	6.6
65	90	2.4	3.7	1.565	28.889	23.655	326.5	9.2	6.8
70	90	2.5	3.6	1.63	30.145	24.702	334	9.3	7
75	90	2.55	3.4	1.66	30.564	25.121	339	9.4	7.2
80	90	2.6	3.2	1.69	30.982	25.539	344	9.5	7.4
85	90	2.65	3.1	1.72	31.401	25.958	348.5	9.55	7.6
90	90	2.7	3	1.75	31.820	26.377	353	9.6	7.8

# Ishrana ovaca

Tablica hraniva

Obrazac 1. Tablica hraniva

Hranivo	SM, %	TDN, %	SE, MJ/Kg	ME, MJ/Kg	UP, %	Ca, %	P, %
Sejani travnjak (30% leguminoze), zelena masa	13.00	64.52	12.18	9.77	17.12	0.90	0.33
Sejani travnjak (30% leguminoze), seno	90.00	64.44	11.91	9.35	15.06	0.86	0.31
Sejani travnjak (30% leguminoze), silaža	29.00	62.00	11.43	9.38	14.21	0.85	0.27
Brdski travnjak, zelena masa	13.00	58.73	10.74	8.91	8.83	0.62	0.18
Brdski travnjak, seno	95.00	41.00	10.72	8.79	5.60	0.61	0.18
Brdski travnjak, silaža	34.00	57.38	11.10	9.09	8.63	0.55	0.29
Slama (raž)	90.00	40.00	8.29	6.82	3.00	0.24	0.09
Melasa šećerne repe	91.00	74.00	13.65	11.22	9.70	0.69	0.10
Rezanci šećerne repe, suvi	78.00	77.00	14.24	11.64	8.50	0.17	0.03
Kukuruz, zrno	87.00	87.00	16.08	13.19	9.60	0.02	0.32
Ječam, zrno	88.00	86.00	15.87	13.02	13.50	0.05	0.38
Raž, zrno	88.00	85.00	15.70	12.85	13.80	0.07	0.37
Ovas, zrno	91.00	66.00	12.18	10.01	13.10	0.00	0.00
Pšenične mekinje	89.00	71.00	13.11	10.76	17.10	0.13	1.38
Stočno brašno, pšenično	89.00	82.00	15.16	12.44	18.40	0.13	0.99
Sirovi pivski treber	25.00	70.00	129.37	10.59	29.40	0.33	0.55
Punomasno zrno soje, termički tretirano	92.00	94.00	17.33	14.24	42.80	0.27	0.65
Sojina pogača	90.00	85.00	15.70	12.85	47.70	0.29	0.68
Sojina sačma	90.00	88.00	16.25	13.31	49.90	0.34	0.70
Suncokretova sačma	91.50	60.50	11.16	9.17	37.85	0.34	1.01
Stočna so	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Dikalcijum fosfat	97.00	0.00	0.00	0.00	0.00	22.00	19.30
Stočna kreda	100.00	0.00	0.00	0.00	0.00	34.00	0.02



### Obrazac 3. Balans obroka za ovce

<b>Potrebe</b>	<b>SM, kg</b>	<b>TDN, kg</b>	<b>UP, g</b>	<b>Ca, g</b>	<b>P, g</b>
POTREBE(a)					
STANJE(b)					
BALANS(b/a)					