

INDIVIDUAL 'TOTAL PERFORMANCE' SCORES (TPS)

In order to more accurately evaluate a doe's total performance, according to our goals rather than arbitrarily set national standards, we developed a system of scoring which combines type and production into a single ranking. This allows us to evaluate an individual's total performance. It also allows us to see how close we are getting to our goal on a breed or total herd basis, and where we need to concentrate our breeding efforts. As these are mature standards, we normally only include does over three years old. Since we want to know her best potential, we only use a doe's best records.

We began by setting our standards. We feel type and production are equal in importance and gave each 50% of the score. To calculate the type score, we use our ADGA linear appraisal scores and set our ideal at FS90. We adjusted the score to give a wider point difference between FS80 to FS90, yet keep the same ranking. Our formula is $(FS-50) \div (90-50) \times 50$. Thus, a FS90 doe would get 50 points, a 91 would get 51.25 points, and an 85 would get 43.75 points, etc. We set our production standards fairly high. We only use actual DHIR records, never ME or projected records. We feel protein production is equal in importance to total milk production, so divided the score between them. We did not include fat production, mostly because we didn't want too many factors in our score and high protein does are usually also high fat. Also, we feel protein is more important in our herd, and tends to be a little more genetic vs management when compared to butterfat. Our ideal production was set at 3500 lb milk and 100 lb protein. Since the total production score is worth 50 % of the performance score, both milk and protein are worth 25% each. Our milk formula is $(\text{lbs milk}) \div 3500 \times 25$. Our protein formula is $(\text{lbs protein}) \div 100 \times 25$. Thus a 3500 lb doe with 100 lb protein earns $25 + 25 = 50$ points, while 2500 lbs milk + 70 lbs protein would get $17.75 + 17.50 = 35.25$ points.

We then add the adjusted type and production points to come out with a final performance score. Some exceptional does will be higher than 100. For older brood does, we substitute 25 points of her score with 25% of a daughter's score. We figure any brood doe that can produce 4 "100" does is worth her weight, regardless of her personal score. (+ = adjusted score with progeny, * = 2 yr old milk record)

NAME	LA	Type	milk	milk	protein	protein	FINAL
SAANEN	actual	score	actual	score	actual	score	SCORE
Elentara	91	51.25	3691	26.21	114	28.50	105.96
Elessea	92	52.50	4067	28.88	109	27.25	108.63
Llyonesse	92	52.50	3751	26.63	119	29.75	108.88
Seeker	93	53.75	3501	25.00	107	26.75	105.50
Elendili	92	52.50	4005	28.44	118	29.50	110.44
Breaker	91	51.25	4323	30.69	113	28.25	110.19
Nash	92	52.50	4368	31.01	128	32.00	115.51
Duchess	90	50.00	3174	22.54	92	23.00	95.54
Elende	92	52.50	3657	25.96	112	28.75	107.21
Lluinil	90	50.00	3409	24.20	101	25.25	99.45
Elendrea*	93	53.75	3950	28.05	123	30.75	112.55
'10 Average	91.64	52.05	3809	27.06	112	28.16	107.26
Elentara+							108.57
Elendili+							115.38
ALPINE							
Smidge	92	52.50	4066	28.87	116	29.00	110.37
Tetra	93	53.75	3496	24.90	98	24.50	103.15
Tokay	93	53.75	3788	26.89	107	26.75	107.39
Finally	92	52.50	3106	22.05	84	21.00	95.55
Smoke	89	48.75	2761	19.89	81	20.25	88.89
Xocati*	91	51.25	4023	28.56	115	28.75	108.56
'10 Average	91.67	52.08	3540	25.19	100.17	25.04	102.32
Tokay+							109.53
LAMANCHA							
Hannah	90	50	2538	18.02	80	20.00	88.02
Janica*	90	50	2946	20.92	94	23.50	94.42

'10 average 90 50 2742 19.47 87 21.75 91.22
 Using the formula allows us to objectively compare our goats over time. Below are scores from some
 of our best does during the mid '90's. Note the areas of improvement, and the areas we didn't do so well.

NAME	LA	Type	milk	milk	protein	protein	FINAL
SAANEN	actual	score	actual	score	actual	score	SCORE
Freddie	89	48.75	3963	28.30	115	28.75	106
Winner	91	51.25	3601	25.72	103	25.75	103
Faire	90	50.00	3725	26.07	109	27.25	103
Poisen	90	50.00	3666	26.17	104	26.00	102
V.Gold	88	47.50	3762	26.86	110	27.50	102
Tesla	89	48.75	3661	26.14	107	26.75	102
LeahAnne	91	51.25	3290	23.49	101	25.25	100
Lea	89	48.75	3198	22.83	103	25.75	97
Esse	88	47.25	3160	22.12	101	25.25	95
Sunny	90	50.00	3122	22.29	92	23.00	95
Equality	90	50.00	3109	22.20	88	22.00	94
Ethos	88	47.25	2452	17.50	74	18.50	83
<i>Old Average</i>	<i>89.42</i>	<i>49.23</i>	<i>3392.42</i>	<i>24.14</i>	<i>100.58</i>	<i>25.15</i>	<i>98.5</i>
<i>'10 AVERAGE</i>	<i>91.64</i>	<i>52.05</i>	<i>3808.73</i>	<i>27.06</i>	<i>112.36</i>	<i>28.16</i>	<i>107.26</i>
<i>% change</i>	<i>2.46%</i>		<i>12.27%</i>		<i>11.74%</i>		<i>8.89%</i>
ALPINE							
Aire	90	50.00	3035	21.67	92	23.00	95
Isis	91	51.25	2980	21.28	86	21.50	94
Thinker	91	51.25	2834	20.23	89	22.25	94
Bree	91	51.25	2529	18.06	68	17.00	86
<i>Average</i>	<i>90.75</i>	<i>50.94</i>	<i>2844.5</i>	<i>20.20</i>	<i>83.75</i>	<i>20.94</i>	<i>92.25</i>
<i>'10 Average</i>	<i>91.67</i>	<i>52.08</i>	<i>3540</i>	<i>25.19</i>	<i>100.17</i>	<i>25.04</i>	<i>102.32</i>
<i>% change</i>	<i>0.90%</i>		<i>24.45%</i>		<i>19.61%</i>		<i>10.92%</i>
LAMANCHA							
Betty N	89	48.75	2931	20.94	102	25.50	95
<i>'10 average</i>	<i>90</i>	<i>50</i>	<i>2742</i>	<i>19.47</i>	<i>87</i>	<i>21.75</i>	<i>91.22</i>
<i>% change</i>	<i>1.12%</i>		<i>-6.45%</i>		<i>-14.71%</i>		<i>-3.98%</i>

I think I sold a few too many mature LaManchas this year! Janica and Evianna's new records should help these numbers.

And some does are just interesting to follow-

Thinker (prime)	91	51.25	2834	20.23	89	22.25	94
Thinker (aged)	92	52.50	3007	21.48	81	20.25	94
Thinker (brood)							98.47