

388 **Supplementary Table S1.** Pairwise comparisons of marginal linear predictions as postestimation of data in  
 389 Experiment 1 (after ANOVA, regarding the interaction between base feed and replacement) <sup>1)</sup>  
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	Gas production	Acetate	NH <sub>3</sub> -N	Methane	Total bacteria	Archaea
CC vs CR	**	*	*			**
CC vs CS	**	**		**		**
CC vs FC	**	*		**	**	**
CC vs FR	*					*
CC vs FS	*		**	*		*
CR vs CS			*	*		
CR vs FC	**	**		**		
CR vs FR	**	*	*			
CR vs FS	**	*	*		**	
CS vs FC	**	**		**	**	
CS vs FR	**	**		**		
CS vs FS	**	**	**			
FC vs FR	*	*		**		
FC vs FS			**	**	**	
FR vs FS			**	*	**	

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 392 <sup>1)</sup> Abbreviations: CC, concentrate and control; CF, concentrate and fresh material; CS, concentrate and silage; FC,  
 393 forage and control; FF, forage and fresh material; FS, forage and silage.  
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396 **Supplementary Table S2.** Pairwise comparisons of marginal linear predictions as postestimation of data in  
 397 Experiment 1 (after ANOVA, regarding the interaction between fruits and base feed) <sup>1)</sup>  
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	Total VFA production	NH <sub>3</sub> -N
GC vs GF	**	*
GC vs VC		
GC vs VF	**	
GC vs PC	*	
GC vs PF	**	**
GF vs VC	**	*
GF vs VF		
GF vs PC	**	*
GF vs PF		*
VC vs VF	**	
VC vs PC	*	
VC vs PF	**	**
VF vs PC	**	
VF vs PF		**
PC vs PF	*	**

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 400 <sup>1)</sup> Abbreviations: GC, grape pomace and concentrate; GF, grape pomace and forage; VC, wild grape pomace and  
 401 concentrate; GF, wild grape pomace and forage; PC, persimmon skin and concentrate; PF, persimmon skin and  
 402 forage;.  
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404 **Supplementary Table S3.** Proximate composition of test feeds containing ensiled fruit byproducts in Experiment  
 405 2 <sup>1)</sup>  
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Fruit Replacement	CONT	GP		PS	
		FRE	SIL	FRE	SIL
DM (g/kg)	925	918	916	908	903
CP (g/kg DM)	120	118	115	105	106
NDF (g/kg DM)	550	567	553	441	433
NFC (g/kg DM)	145	180	164	313	272
TEPH (g/kg DM)	10	55	35	76	71
CT (g/kg DM)	2	26	30	29	30

407  
 408 1) GP, grape pomace; PS, persimmon skin, CP, crude protein; NDF, neutral detergent fiber; NFC, non-fiber  
 409 carbohydrates; TEPH, total extractable phenolics; CT, condensed tannins. Cont means no inclusion of FB, FRE  
 410 and SIL mean inclusion of corresponding materials of each FB.  
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