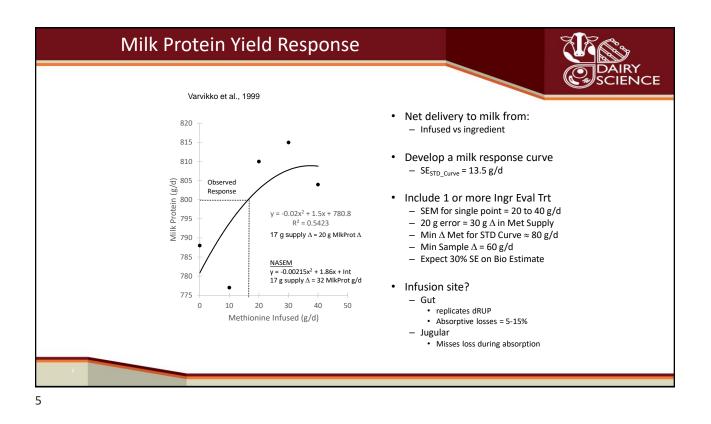
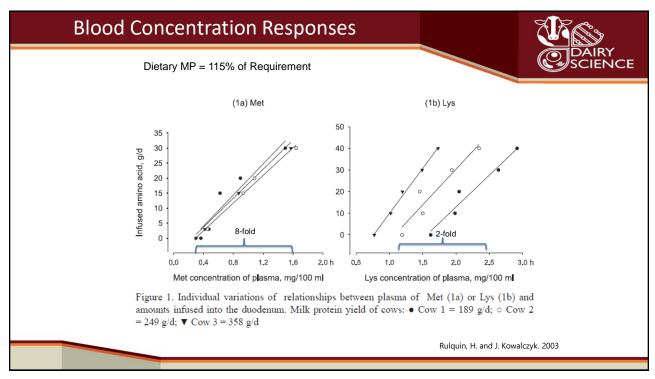
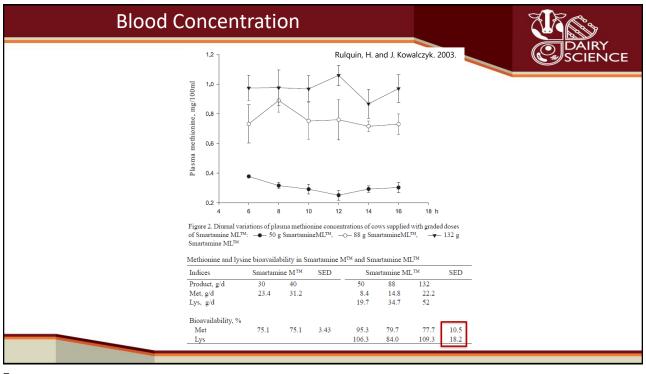


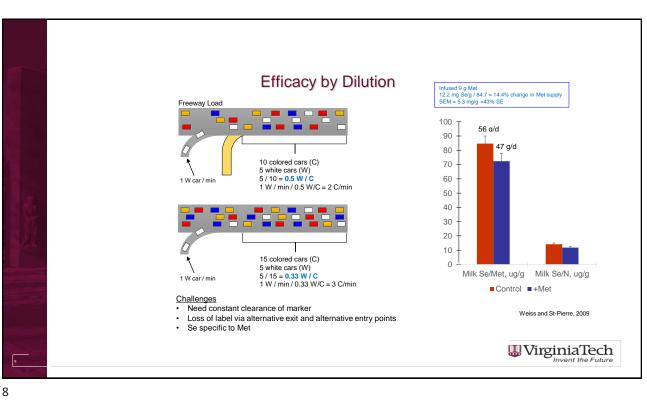
2

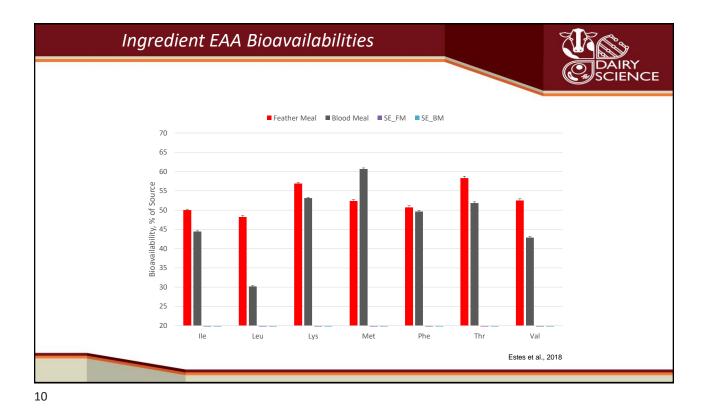








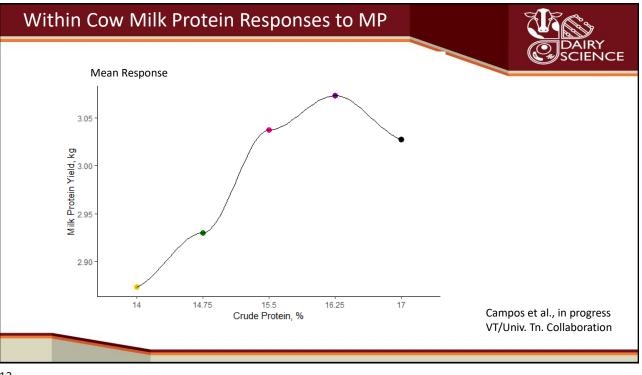




Stable	e Isotope Results ·	- Prestegaard and	l Fernandes (Virginia T	ech)
				/

RP-AA	Plasma Appearance (%) <sup>1</sup>	Bioavailability (%) <sup>2</sup>
AminoShure <sup>®</sup> -XM	51.2	55.0
RP-Lysine Prototype 1	59.8	64.0
RP-Lysine Prototype 2	44.0	47.1
RP-Histidine Prototype 1	68.7	73.5
RP-Histidine Prototype 2	51.9	55.6

<sup>1</sup>Percent of AA appearance in plasma. Calculated as the grams of AA absorbed into blood per 100 grams of AA fed <sup>2</sup>Predicted bioavailability corrected for 7% loss during first pass



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## Conclusions ΓF Several Valid Methods of Assessment • Variance is not equal across methods - Reduced by greater Ingr feeding and replicating observations - Milk Protein Response • ± 30% if 90 g Met/d fed • Double Lys fed for similar error Blood Concentrations • ± 12% units for Met at 100 g/d • ± 18% units for Lys • e.g. 70% bioavailabilty ± 18% - Se-Met Dilution • ± 15% units • Met only – Isotope Dilution • ± 12% Units All EAA