

cultural lag

NIDSI I NORTH DAK

NDSU NORTH DA

"refers to the notion that culture takes time to catch up with technological innovations, and that social problems and conflicts are caused by this lag"

Wikipedia

originated from Ogburn (1922)





Why are we (the beef industry) here?

Contribute to feeding the world

















NDSU NORTH DAKOTA STATE UNIVERSITY



Productivity projections at differing levels							
of techr	1990	Less new technology - 2000	Most likely technology - 2000	More new technology - 2000			
Corn—bu/acre	116.2	113.8	128.5	141.6			
Soybeans—bu/ acre	32.4	32.6	33.7	36.4			
	Off	6 T h	1				
NDSU STATE UNIVERSITY	Office of Technology Assessment, 1992						

Productivity projections at differing levels							
of tech	nology 1990	Less new technology - 2000	Most likely technology - 2000	More new technology - 2000			
Corn—bu/acre	116.2	113.8	128.5	141.6			
Soybeans—bu/ acre	32.4	32.6	33.7	36.4			
Beef lbs meat/lb feed	0.143	0.146	0.154	0.169			
Calves/100 cows	90.0	93.75	96.22	102.45			
Pork lbs meat/ lb feed	0.154	0.174	0.181	0.196			
Pigs/sow/year	13.9	14.0	15.7	17.8			
NDSU NORTH DAKOTA	 Offi 	Office of Technology Assessment, 1992					







































































Why fail to use technology?

- Not enough pertinent research
- Staying with tradition
- Lack of incentive
- Market signals that only exert pressure on some productivity goals
- External negative pressure

Is the beef industry "at a crossroads"?

Been "at a crossroads" all of my life.

Good use of technology

could have been better

Optimistic that it will be better

NDSU NORTH DAKOTA STATE UNIVERSITY