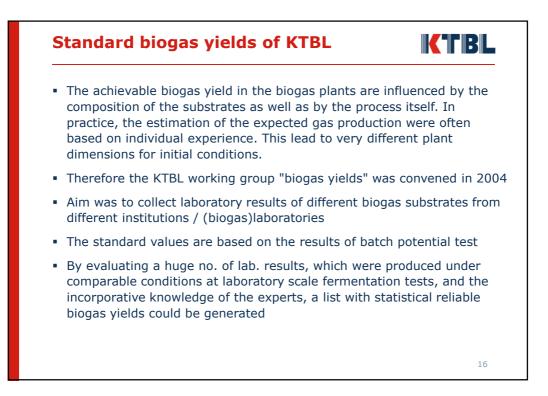


Paramater	Batch set up	AD plant > 2,000 m³		
Digester volume	100 ml – 15 l			
Operation	No change of biomass during test	Daily exchance of biomass, recirculation possible		
Biol. Process	Degradations phases run after another	Degradations phases run at the same time		
Volume load	Up to 50 g oDM / I*d at beginn of test	2 – 5 (10) g oDM / l*d		
Retention time	35 d	More than 100 d		
Substrate	Normally single biomass, representative, homogenised	Substrate mixture with diff. composition, quality often no specified		
Measurement	exact weighing of imput, accurate determindation of biogas amount and quality	Imprecise weighing and gas counter, gas quality often not measured		



Substrat	Eigenschaften (Substrat- zustand, Behandlung, Herkunft)	Richtwert					
		TM % FM	oTM % TM	Biogasertrag		Methan- gehalt	Methan ertrag
				l _n /kg oTM	m³ _n /t FM	%	l _n /kg oTM
Wirtschaftsdünge	er1)						
Geflügelmist	abhängig vom Stroh-Kot- Verhältnis, wenig gelagert	40	75	500	150	55	280
Rindermist		25	85	450	100	55	<mark>25</mark> 0
Rindergülle	mit Futterrest	8,5	80	380	25	55	210
Schweinegülle		6	80	420	20	60	250
Nachwachsende I	Rohstoffe						
Maissilage		35	95	650	210	52	340
CCM		65	98	730	470	52	380
Sorghumsilage		28	90	610	150	52	320
Getreide-GPS	mittlerer Kornanteil	35	95	620	200	53	330
Grünroggensilage		25 ²⁾	90	600	140	53	320
Sonnenblumen- silage		25	90	520	120	57	300

