



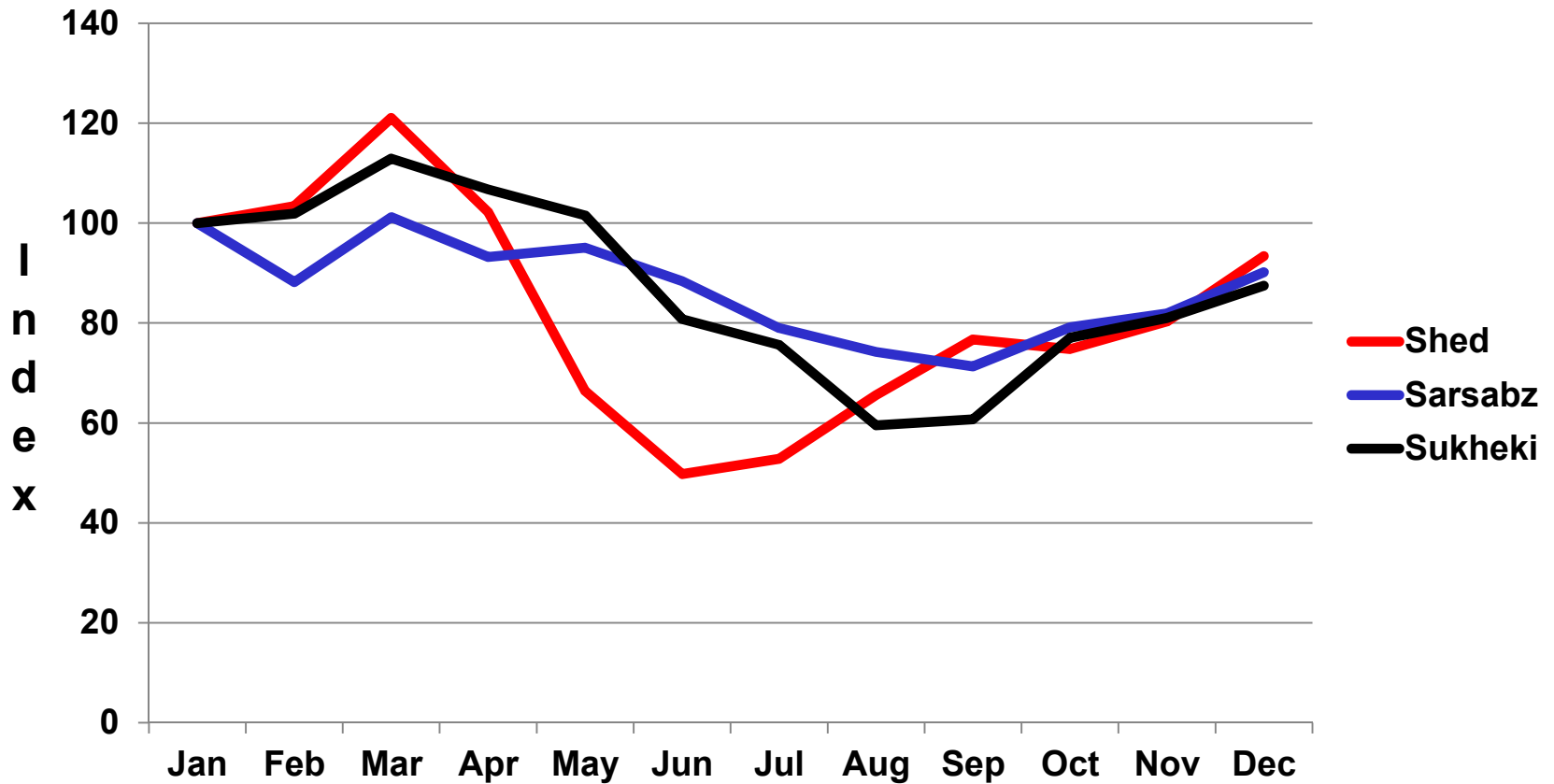
Fodder Flow Planning

Dr Japie Conradie
Nestlé Pakistan





Monthly Milk Flow





Pillars of Dairy Development



Level 1	Level 2	Level 3
Cow comfort		
	Healthy cow	
		MILK
	Pregnant cow	
Balanced nutrition		

Diagram illustrating the Pillars of Dairy Development across three levels:

- Level 1:** Cow comfort, Balanced nutrition
- Level 2:** Healthy cow, Pregnant cow
- Level 3:** MILK

Red brackets indicate that Cow comfort, Healthy cow, and Pregnant cow are grouped under Level 1. Similarly, Healthy cow and Pregnant cow are grouped under Level 2. The word MILK is positioned between Level 2 and Level 3.



Cow Nutrition from...



**Most
expensive
with limited
effect**





Cow Nutrition to...



Insurance!!





The Interpretation of Dry Matter



1. **What is Dry Matter?** → **The material which remains after all moisture has been removed**

2. **What is “Effective Fiber”?** → **Material that has little nutrient value but is needed to provide a rumen scratching effect**

3. **What is the difference between “Good” and “Poor” Dry Matter?**
 - **“Good” Dry Matter has a high nutritional content**
 - **“Poor” Dry Matter has a low or zero nutritional value**

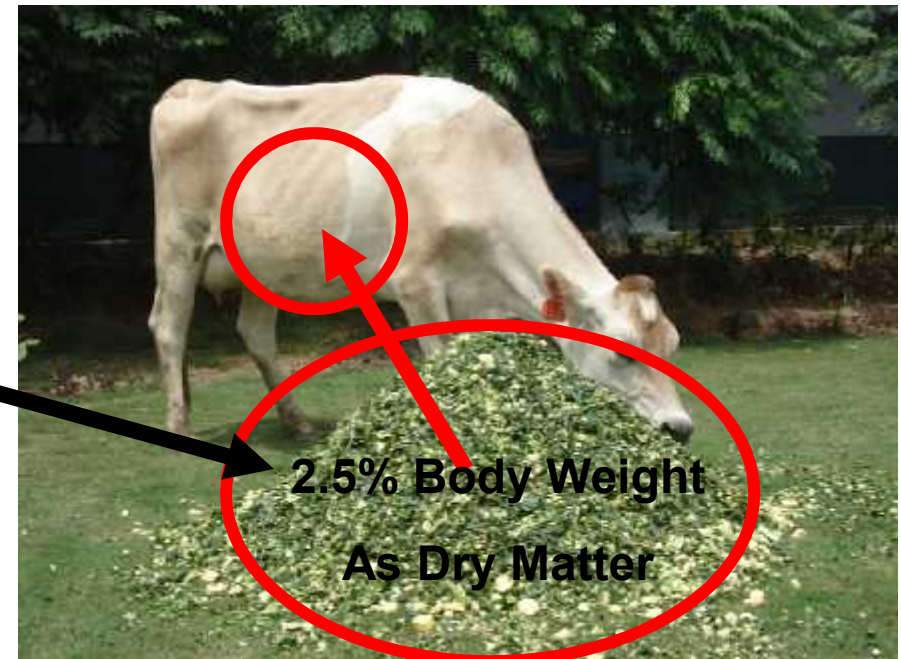
4. **Dry Matter Intake calculation of the dairy animal**
 - **Based on body weight, milk yield, pregnancy, maintenance**
 - **Between 3 to 4% of Body Weight (ave 3.5%)**



Daily Forage Requirement 1000 Cow Herd



100 tons green
per day



2.5% Body Weight
As Dry Matter

Plus 5 – 6 Kg Concentrate, Minerals & Vitamines

Total = 18 to 24 kg Dry Matter



Thank you