



Ransum Sapi Potong

- Calf (milk replacer, calf starter)
- Growing (grower ration)
- Fattening (finisher ration)



Sapi Perah

- Calf (milk replacer, calf starter)
- Growing (grower)
- □ Heifer (heifer ration)
- □ Lactation (lactation ration)
- □ Bull (bull ration)



WinFeed - Feed Formulation Software

WinFeed - Feed Formulation Software





Program Win Feed

- Dikembangkan Laboratory of Nutrition, University of Cambridge, UK
- Program formulasi ransum sederhana yang dapat dipergunakan untuk menyusun ransum ungags atau ruminansia
- □ Metode formulasi ransum:
 - Linear Feed Formulation
 - Stochastic Feed Formulation
- □ www.winfeed.com



Prinsip Linear Program • **Minimisasi** $C_1X_1 + C_2X_2 + C_3X_3 + ... + C_iX_i$ Kendala c_i = harga bahan pakan • $a_{11}x_1 + a_{21}x_2 + a_{31}x_3 + \dots + a_{ii}x_i \ge b_1$ x_i = jumlah penggunaan • $a_{12}x_1 + a_{22}x_2 + a_{32}x_3 + \dots + a_{ij}x_j \ge b_2$ bahan pakan • • a_{ii} = kandungan nutrien • $a_{i2}x_1 + a_{i2}x_2 + a_{i2}x_3 + \dots + a_{ii}x_i \ge b_i$ dalam bahan pakan b_i = kebutuhan nutrien Asumsi • $X_1 + X_2 + X_3 + \dots + X_j = 1$ • $X_1, X_2, X_3, \dots, X_j \ge 1$ WinFeed - Feed Formulation Software

WinFeed - Feed Formulation Software

Cara Install WinFeed 1#
Click WINFEED283.EXE
WinFeed 2.8 Setup
WinFeed 2.8 Click NEXT > WinFeed_Eacd Formulation Software



Cara Install WinFeed 3#
D Juliskan license key
🖌 WinFeed 2.8 Setup
Winspeed Installation Key Enter installation key!
Please enter the installation key:
wf28-demo-7801-556127
The installation key can be obtained for free by hilling in a form at http://www.winfeed.com/download/demo.shtml
Nullsoft Install System v2.0
< Back Next > Cancel
Click NEXT >
WinFeed - Feed Formulation Software



Option (Menu Utama)

Options

- Den Previously Saved Formula
- 🕨 Select Animal Requirements and Feed Store 🌛
- New Formula with Selected Feed Store
- New Formula with Blank Feed Store
- Import Feed Store from Excel file
- Import Animal Requirements from Excel file
- Register WinFeed as a Full Version
- 🕨 Help

- Buka Formula Sebelumnya
- Pilih Kebutuhan Nutrien dan Bahan Baku
- > Formula Baru dari Bahan Baku Terpilih
- > Formula Baru dari Database Baru
- Import Bahan Baku dari File Excel
 - Import Kebutuhan Ternak dari File Excel
- Register

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Help

WinFeed - Feed Formulation Software







Membuat Ransum Baru (New Formula with Selected Feed Store)	
Pilih data base bahan pakan (Select the feed Store)	
Select the Feed Store	
Description Files of type: WinFeed Feed Store (*,fst) Cancel	
WinFeed - Feed Formulation Software	

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C Searc Feed St	ch / Look for Q	Ingradient Description				
		Win	Feed - Feed	l Formul	ation Software	

WinFeed Main Window Save GoTo Formulate View Cha 📲 💼 😒 🛛 📎 🍫	nts Help	0 2 ().						
© Linear Formulation © Stochastic Formulation		Probability 50	(%)	Date & Time	e e 4 0 E	 As Fed Basis C Dry Matter Basis 			
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Dedak Halus				Protein					
Bekatul				Lemak Kasar					
Jagung				Serat Kasar					
Pollard				BetaN					
Onggok				TDN					
Ampas Bir				Calsium					
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Bekatul			16.58		Ahu			9.043	
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