



## **NASEM Feed Library Consultation**

## Rev. 1 of 30/03/2022 EN

**NDS** is now able to read the **NASEM Feed Library**, for data examination through the platform. In order to use this new feature, the NDS user has to have **NASEM-Dairy-8** software installed on his device. Once this requirement is met, a new tab called "**NASEM Feed Library**" will be available in the **Feeds** section.

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Ny Fee	eds	Utility	Elda System	NASEM	Feed Library
Source		F Forag	jes * entrates *	All	Search in Feeds *
All feeds	-	Miner	rals/Vitamins *		
Filter [7620	1	Pa	rtitions	Feeds	Search [7620]
				Feeds	

By selecting this tab, **NDS** will automatically search for the **NASEM-Dairy-8** installation. If this software is properly installed, the NASEM Feed Library will be read and displayed in a grid, otherwise, it will be necessary to specify the installation folder manually or using the selector.

Once the library is loaded successfully, the custom installation path will be saved and used for subsequent openings.

	¢	¥ ¥Feeds ∰U		Elda System NAS	SEM Feed Library					Cattle	Database: C:\RUMEN(NDS3)	📔 Close
Install	ation fi elect ti	iolder C:\NASEM\N he folder	IASEM-D	airy-8	Forages * C Concentrates * Minerals/Vitamins *	s al	Search in Feeds	•				
					Partitions	Feeds	Search					
		Code			Feeds				Description		Туре	^
1	: NF	RC16F1	1	Alfalfa meal				Alfalfa meal			Plant Protein	
1	C NRC16F2 2 Almond hulls					Almond hulls			By-Product/Other			
19	NF	RC16F1069	253	Ammonium chlo	oride			Ammonium chloride			Vitamin/Mineral	

The grid will show all the NASEM feeds. Each row will display in the following order:

- Feed's division
- NASEM Code
- NASEM Index
- Feed's name
- Feed's description
- Feed's type (or category)

It is possible to filter the feeds list in different ways:

- Through the division buttons, where we can also specify the feed's category.
- Through the **search** feature, by specifying the column and entering some characters.
- Through the column **caption**, where is possible to sort the data in ascending/descending order and much more.
- By clicking the "All" button we can then remove all the applied filters.

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	,	👌 Feeds 🛛 🧐 Utility	Elda Syste	m NASEM Feed Library						
Perci	orso in Gelezia	stallazione C:\NASEM\N	ASEM-Dairy-8	F Forages *	ns *	Search in Feeds ×				
				Partitions	Feeds	Search	1			
		Code			Fe	eeds				
MSR.	1	NRC16F1068	252	Zinc, organic generic			Zinc, orga			
155	С	NRC16F1088	272	Calf grower 14CP (Fed	to calves d	only)	Calf grow			
10	С	NRC16F1093	277	Calf grower 16CP (Fed	to calves d	only)	Calf growe			
10	С	NRC16F1094	278	Calf starter 18CP high	starch (Fed	to calves only)	Calf starte			
10	C	NRC16F1089	273	Calf starter 18CP low s	Calf starte					
15	С	NRC16F1096	280	Calf starter 22CP high starch (Fed to calves only)						
10	C NRC16F1095 279 Calf starter 22CP med starch (Fed to calves only)									

By clicking on one of the feeds, the user will have access to its nutrients specs proposed by NASEM.

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inst	allati Sele	on folder C:\NASEN	INASEM-	Dairy-8	F Forages * C Concentrates * Minerals Attamins *	N al	Search in Feeds	-
					Partitions	Feeds	Search	
-		Code			Feeds			
5	F	NRC16F1	1	Alfalfa meal				Alfalfa meal
5	c	NRC16F2	2	Almond hulls	-			Almond hulls
5	I	NRC16F1069	253	Ammonium chlo	oride			Ammonium chloride

The data shown in the analysis are obtained from calculations made on the NASEM nutrients values. For each nutrient, the table will also show the corresponding NDS nutrient, if available.

Main 🗱 Almond hulls 🐔	]									
Almond hulls [NRC16F2] Almond hulls Partition: Concentrates By-Product/Other -										
Nutrient	NASEM ID Codes	Nutrient NDS	Unit	As Fed		D.M.				
DM	Fd_DM	D.M.	96 As Fed		88,201					
DE, Base	Fd_DE_base	DE	mcal/kg		2,147	2,434				
ADF	Fd_ADF	ADF	96 DM		24,378	27,639				
NDF	Fd_NDF	aNDFom	96 DM		29,111	33,005				
NDFD48	Fd_DNDF48_NDF		% NDF				43,940			
Lignin	Fd_Lg	ADL	96 DM		8,406	9,530				
СР	Fd_CP	Total CP	96 DM		4,631	5,250				
Starch	Fd_St	Starch (B1)	96 DM		0,819	0,928				

The NASEM specs will be shown based on their units and when it is appropriate, shown both on D.M. and As Fed basis, otherwise, the value will be displayed in the last column.

It is worth underlining that the functionality has only consultation purposes to allow the verification of what NASEM proposes for what concerns the feed characterization. NASEM feeds are not available for formulation.