

## Insects

### Oat shells

Oat shells are a co-product of oats and are obtained when de-hulling oat grains. Oat hulls are known for their positive effect on intestinal health. The product complies with laws and regulations. Mycotoxins, insecticides, pesticides and herbicides are tested according to the GMP+ FSA. The product is non-GMO (according to Regulation (EC) 1829/2003 and 1830/2003).



**Valid from 13 September 2021**

Downloaded on 02 February 2026

Dry matter %	89.4
pH	6.3
Crude protein	44
Crude fat	15
Crude fibre	325
Crude ash	44
Starch total	116
Sugar	4
Calcium (Ca)	2.5
Sodium (Na)	0.1
Chloride (Cl)	1.0
Potassium (K)	5.5
Phosphorus total (P)	1.1
Dig. Phosphorus	0.0

	AID	SID
Dig. Lysine	0.3	0.7
Dig. Methionine	0.2	0.3
Dig. Methionine + Cystine	0.5	0.8
Dig. Threonine	0.0	0.6
Dig. Tryptophan	0.1	0.2
Dig. Isoleucine	0.3	0.6
Dig. Leucine	0.8	1.3
Dig. Valine	0.4	0.9
 VEM		
557		
 VEVI		
494		
 DVE		
17		
 OEB		
-41		
 Energie value		
0.34		
 NE pigs, kcal		
706		
 ME Schw., MJ		
4.0		

Levels are based on averages and stated in grams per kg of dry matter, unless stated otherwise. Changes in product composition are reserved.

### Feeding advice based on DS of total ration

Weaned piglets (up to 25 kg)	max 5%
Fattening pigs (25 - 50 kg)	max 7.5%
Fattening pigs (from 50 kg)	max 15%
Sows	max 20%
Dairy cattle	max 3 kg product in ration
Beef cattle	max 0,3 kg product / 100 kg body weight

### Logistics & Storage

Transport	Bulk with walking floor, tipper or container truck
Storage	Store in a dry, dark and cool place or in a closed dry feed silo. Clean storage areas regularly.
Shelf life	1 year
Nipple worthy	No