

**IFP**

INORGANIC FEED PHOSPHATES

Feed Phosphates digestibility

Apparent digestibility of feed phosphates*					
Pigs	MCP	MDCP	DCP.2H2O	DCP.0H2O	DFP
Grimbergen et. Al., 1985	90-82		72-70	64	
Mulder and Jongbloed, 1985	83-76			65	
Vandertol, 1987	76		65		76
Beers et al., 1993	69	72-74			73-74
Rodehutsord et al., 1994	91			87	
Damgaard Poulsen, 1995	64	72-65	59	52	50
Eeckhout and De Paepe, 1995	92		73	63	
Poultry					
Simons and van der Klis, 1990-1994	84-76	79	77	53	55
Huyghebaert and De Groote, 1996	85		83	70	
*products from different origins					



Relative availability of commercial dicalcium phosphates			
Sample	Ca content %	P content %	Relative P availability
1	21.8	18.8	100.7
2	20.6	19.0	87.6
3	21.4	19.0	77.2
4	20.4	19.1	85.7
5	24.0	18.5	78.9
6	22.2	18.4	75.1
7	23.0	18.6	87.4
8	23.0	19.0	76.3
9	21.2	18.9	106.3
10	20.8	18.9	98.6
11	20.0	19.0	94.1
12	20.6	18.7	93.1
13	22.2	18.0	104.8
14	22.8	17.7	104.0
15	18.1	18.8	96.0
16	18.8	20.1	95.1
17	20.4	19.0	81.8
18	21.4	18.8	77.7
19	20.6	19.1	91.7
20	20.8	18.9	95.6
Reference phosphate	18.1	20.6	100

Source: Waibel et al., 1984, Poultry Science 44:1302-1306