

PANTO® Kälbergold A7

Universal

- ✓ with fermented à soy protein concentrate
- ✓ suitable for the entire rearing phase, from colostrum-feeding period until weaning

Analytical components and contents

20,00 % Crude protein	9,00 % Crude ash
1,75 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ^{*)}
100 mg Vitamin E	Trace elements ^{*)}
150 mg Vitamin C	Acid combination ^{*)}
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations

- ✓ suitable for automatic feeders
- dosage: 130–150 g per 1 litre of water
- dissolving temperature: 20–42 °C (thermo-variable)
- feeding temperature: 15–39 °C
- pH-value: 5,5

PANTO® Kraftmilch A13

Rich in energy

- ✓ whey-based milk replacer with fermented soya protein concentrate
- ✓ à especially suitable for rearing bull calves
- ✓ subsequent milk replacer following Startergold A12 / A7 / A15

Analytical components and contents

21,00 % Crude protein	7,00 % Crude ash
1,70 % Lysine	0,80 % Calcium
20,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ^{*)}
100 mg Vitamin E	Trace elements ^{*)}
150 mg Vitamin C	Acid combination ^{*)}
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations

- ✓ suitable for automatic feeders
- dosage: 130–150 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 39 °C
- pH-value: 5,7

Specialities and additional feed

PANTO® Kolostrum-Plus

Supplement for colostrum milk

- ✓ supports the development of the calf's immune system against infections and stress load
- ✓ stabilizes and stimulates the healthy intestine flora

Additives per 1 kg

100.000 I.U. Vitamin A	350 mg Iron
15.000 I.U. Vitamin D ₃	B-vitamins ^{*)}
1.200 mg Vitamin E	Trace elements ^{*)}
2.200 mg Vitamin C	encapsulated acids ^{*)}
17,5 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations

- during first week of life: 50 g/l colostrum milk from 1st milk feeding on
- in stress situations: 50 g/l milk replacer for approx. 3 days
- dissolving temperature: 40–42 °C (warm feeders)

PANTO® Kälberkrone

Supplement for milk

- ✓ for supplementing full-cream and skimmed milk with vitamins, trace elements and gut-stabilizing lactic acid bacteria
- ✓ preservable for 1 day

Additives per 1 kg

125.000 I.U. Vitamin A	500 mg Iron
25.000 I.U. Vitamin D ₃	B-vitamins ^{*)}
500 mg Vitamin E	Trace elements ^{*)}
7 x 10 ⁹ CBU lactic acid bacteria	organische Säuren ^{*)}

Feeding recommendations

- dosage: 30–35 g/l milk drink (equivalent to 200 g per head and day)
- directly soluble in milk
- pH-value: 4,7

^{*)} further information upon request

PANTO® Kalbacid

Acids combination for calve drink

- ✓ safety for ad libitum storage milk
- ✓ reduce pH-value in milk drink
- ✓ acts bactericide – to inhibit the developing of unwanted germs and to decrease the germ load
- ✓ negative influence on intestine flora clearly reduced – coli resulted by diarrhea can be reduced
- ✓ hygienic improvement of milk drink – makes milk stable

Additives per 1 kg

Combination of synergic acting organic acids

Feeding recommendations

- dosage: suitable for automatic feeders colostrum- and unskimmed milk drink: 10g/l drink skimmed milk powder drink: 10g/l drink

PANTO® Kälbermüsli

Crispy and fully-balanced prestarter

- ✓ with Wisan®- Lein, Wisan®- Raps and other ingredients of the highest quality
- ✓ crispy components and chewable texture to encourage mastication
- ✓ thermally treated raw materials for better digestibility
- ✓ with vitamins, mineral nutrients and trace elements
- ✓ high palatability

Analytical components and contents

18,50 % Crude protein	0,70 % Calcium
4,50 % Crude fat	0,65 % Phosphorus
8,80 % Crude fibre	0,20 % Natrium
4,90 % Crude ash	11,0 MJ ME / kg

Additives per 1 kg

13.000 I.U. Vitamin A	B-vitamins ^{*)}
1.300 I.U. Vitamin D ₃	Trace elements ^{*)}
65 mg Vitamin E	

Feeding recommendations

- PANTO® Kälbermüsli is fed in addition to milk and milk replacer
- begin offering PANTO® Kälbermüsli from second day ad libidum

PANTO® Kälbergold Bambino

Highly palatable prestarter pellet

- ✓ with Wisan®- Lein, Wisan®- Raps and other enhanced special products (maize, grain)
- ✓ supplies essential nutrients, minerals, vitamins and trace elements
- ✓ 3 mm pellet, well accepted by calves
- ✓ stimulates early intake of supplementary feed during suckling phase
- ✓ enhances rumen development
- ✓ ensures early and careful weaning of milk replacer

Analytical components and contents

20,00 % Crude protein	0,80 % Calcium
5,50 % Crude fat	0,50 % Phosphorus
7,00 % Crude fibre	0,30 % Natrium
6,50 % Crude ash	11,4 MJ ME / kg

Additives per 1 kg

16.000 I.U. Vitamin A	B-vitamins ^{*)}
5.000 I.U. Vitamin D ₃	Trace elements ^{*)}
75 mg Vitamin E	

Feeding recommendations

- in colostrum period, PANTO® Kälbergold Bambino is fed in addition to milk (from 3rd day)
- begin offering PANTO® Kälbergold Bambino ad libitum; during first days feed in small portions

PANTO®-LYT

Dietary feed

- ✓ for effectively combating water and electrolyte deficiencies from E.coli-related diarrhea
- ✓ with pectins and plant extracts for rapid normalization of gastric function

Feeding recommendations

- dosage: 1 g/kg live weight per day
- in strong cases: 2 g/kg live weight per day
- soluble in milk and water

PANTO® Pansen-Start

Special dry-TMR for calves

- ✓ made of special calves concentrate and best chopped straw
- ✓ concentrate components initiate growing of rumen villi
- ✓ chopped straw stimulates rumen activity
- ✓ without selective feeding, high palatability – good and high feed intake – best growing calve
- ✓ supports early rumen development
- ✓ hygienic and work economically advantages

Analytical components and contents

16,50 % Crude protein	1,00 % Calcium
6,00 % Crude fat	0,40 % Phosphorus
11,90 % Crude fibre	0,35 % Natrium
7,50 % Crude ash	10,2 MJ ME / kg

Additives per 1 kg

12.500 I.U. Vitamin A	B-vitamins ^{*)}
4.000 I.U. Vitamin D ₃	Trace elements ^{*)}
60 mg Vitamin E	flavouring material ^{*)}

Feeding recommendations

- PANTO® Pansen-Start to serve in milking phase (starting 2nd week of live)
- able to be complete feed in first 10–12 weeks

IBEKA® IDEAL 40

Heifer concentrate for the first year of life

- ✓ 3 mm pellets ideal for young animals
- ✓ ideal follow-up feed to PANTO® Kälbergold Bambino
- ✓ contains highly nutritive protein to ensure optimal growth
- ✓ supports intestine flora and rumen villus development

Analytical components and contents

20,00 % Crude protein	1,50 % Calcium
3,80 % Crude fat	0,65 % Phosphorus
6,00 % Crude fibre	0,30 % Natrium
7,50 % Crude ash	11,2 MJ ME / kg

Additives per 1 kg

12.500 I.U. Vitamin A	Trace elements ^{*)}
1.250 I.U. Vitamin D ₃	
75 mg Vitamin E	

Feeding recommendations

- after weaning, IDEAL 40 is fed from the 3rd until about the 12th months of life, using 1 to 2 kg per head per day.

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Quality from A to Z

Spitzenprodukte
der Tierernährung



Your partner for
first-class animal feed



Photograph: ©Nina Kleemann

Subject to changes

11/2016

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PANTO® Milk replacers...

- ✓ are based on high quality milk products
- ✓ are easily digestible
- ✓ are easily soluble and suitable for automatic feeders
- ✓ are well accepted
- ✓ contain all essential vitamins, mineral nutrients and trace elements for growth and health
- ✓ stabilize the digestive function by means of organic feed acids and probiotics

Nutritive content and guaranteed analysis of PANTO® Milk replacers

PANTO®	Proteinsource					Fat content
	SMP contain	skimmed milk powder	whey powder	vegetable protein	Protein content	
SMP contain						
Kälbergold A11	> 75	50 %	> 25	–	20,5	15,0
Kälbergold Profisan	> 75	50 %	> 25	–	20,5	15,0
Kälbergold A30	> 70	30 %	> 40	2,5	21,0	15,0
Kälbergold A12	> 75	25 %	> 50	–	21,0	15,0
Kälbergold A23	> 70	12,5 %	> 55	7,5	23,0	18,0
Zero replacer						
Startergold	> 75	–	> 75	–	20,0	15,0
Kälbergold A15	> 70	–	> 65	5	20,0	17,0
Kälbergold A7	> 55	–	> 50	17,5	20,0	15,0
Kraftmilch A13	> 45	–	> 40	20	21,0	20,0

Feeding schedule ad libitum

week of life	drinking trough	milk replacer (CMR) concentration g/litre		feeding quantity per day	feeding frequency
1.–5. Day	colostrum or full-cream milk			ad lib. 6 litre	ad lib.
5 th day–3. week	CMR with SMP (A11, A12, A30, or Profisan)	160–180		ad lib.	ad lib.
4	CMR with SMP (A11, A12, A30, or Profisan)	160–180		9 litre	3–4
5	CMR with SMP (A11, A12, A30, or Profisan)	160–180		8 litre	3–4
		CMR without SMP**	CMR with SMP		
6	CMR	140	160	7 litre	3–4
7	CMR	140	160	6 litre	3–4
8	CMR	140	160	5 litre	2–3
9	CMR	140	160	4 litre	2–3
10	CMR	140	160	2 litre	1–2

* colostrum milk ** skimmed milk powder During winter month the feeding quantity can be increased. In summer month acidity with PANTO® Kalbacid.

PANTO® Kälbergold A11

Skimmed milk drink

- ✓ with very high amount of skimmed milk powder
- ✓ valuable protein from highly nutritive milk components
- ✓ suitable special as a starter drink direct after colostrum

Analytical components and contents

20,50 % Crude protein	8,50 % Crude ash
1,90 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 150–180 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 38 °C
- pH-value: 6,3

Additional feed: calve hay, silage, water ad libitum

PANTO® Kälbergold Bambino, PANTO® Kälbermüsli, PANTO® Pansen-Start

Feeding schedule conventional

week of life	drinking trough	milk replacer (CMR) concentration g/litre		feeding quantity per day	feeding frequency
1. Day	colostrum milk			ad lib. 6 litre	3–4
1	mixed milk*/CMR with SMP			6 litre	3–4
2	CMR with SMP (A11, A12, A30, or Profisan)	160–180		7 litre	3–4
3	CMR with SMP (A11, A12, A30, or Profisan)	160–180		7 litre	3–4
4	CMR with SMP (A11, A12, A30, or Profisan)	160–180		7 litre	3–4
5	CMR with SMP (A11, A12, A30, or Profisan)	160–180		6 litre	3–4
		CMR without SMP**	CMR with SMP		
6	CMR	140	150	5 litre	2–3
7	CMR	140	150	4 litre	2–3
8	CMR	140	150	3 litre	2–3
9	CMR	140	150	2 litre	1–2
10	CMR	140	150	2 litre	1–2

* colostrum milk ** skimmed milk powder During winter month the feeding quantity can be increased. In summer month acidity with PANTO® Kalbacid.

PANTO® Kälbergold Profisan

In- Stall prophylaxis

- ✓ with very high amount of skimmed milk powder
- ✓ for use directly after the colostrum-feeding period or when integrating external calves
- ✓ stabilization of the intestine flora due to lactic acid bacteria

Analytical components and contents

20,50 % Crude protein	8,50 % Crude ash
1,90 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	B-vitamins ¹⁾
5.000 I.U. Vitamin D ₃	Trace elements ¹⁾
100 mg Vitamin E	Acid combination ¹⁾
150 mg Vitamin C	
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 150–180 g per 1 litre of water
- dissolving temperature: 40–42 °C (thermo-variable)
- feeding temperature: 38 °C
- pH-value: 6,3

PANTO® Kälbergold A30

Universal drink with skimmed milk powder

- ✓ with high amount of skimmed milk powder
- ✓ high protein content with high nutritional value
- ✓ designed form high quality milk components
- ✓ suitable for the entire rearing phase, from colostrum period until weaning

Analytical components and contents

21,00 % Crude protein	8,50 % Crude ash
2,10 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	flavouring material

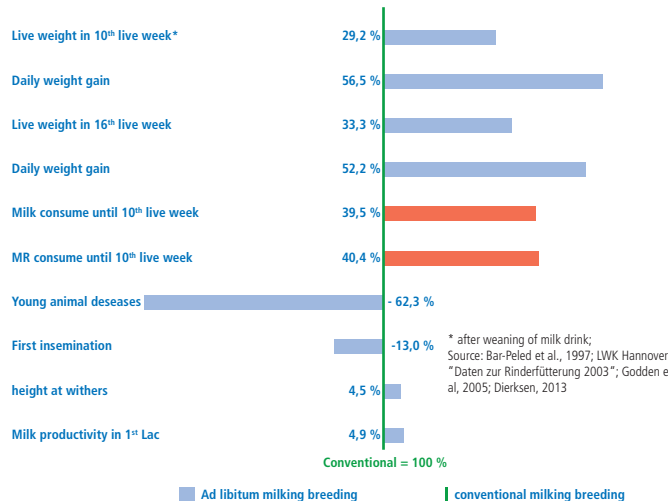
Feeding recommendations suitable for automatic feeders

- dosage: 150–180 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 37–39 °C
- pH-value: 5,9

In field tests calculate percentage changes various parameter

Conventional milking breeding was set as a basis

- Difference to ad libitum milking breeding by comparison in percent



PANTO® Kälbergold A12

Skimmed milk drink

- ✓ protein from highly nutritive milk components
- ✓ contains skimmed milk powder

Analytical components and contents

21,00 % Crude protein	8,50 % Crude ash
2,00 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 150–180 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 38 °C
- pH-value: 6,0

PANTO® Kälbergold A23

Rich in protein with skimmed milk powder

- ✓ high protein content with high nutritional value
- ✓ for accelerated growth of calves and to induce calving in young cows
- ✓ 2,2 % lysine promotes intensive growth
- ✓ with skimmed milk powder
- ✓ exceptional digestibility and acceptance

Analytical components and contents

23,00 % Crude protein	8,20 % Crude ash
2,20 % Lysine	0,60 % Calcium
18,00 % Crude fat	0,60 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 130–150 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 37–39 °C
- pH-value: 5,9

PANTO® Startergold

Starter milk replacer

- ✓ protein from highly nutritive milk components with casein
- ✓ exceptional digestibility; an ideal milk substitute for the first critical weeks of calf rearing
- ✓ recommended brand for the PANTO® early weaning process

Analytical components and contents

20,00 % Crude protein	8,50 % Crude ash
1,90 % Lysine	0,80 % Calcium
15,00 % Crude fat	0,70 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 130–150 g per 1 litre of water
- dissolving temperature: 15–42 °C (thermo-variable)
- feeding temperature: 15–39 °C
- pH-value: 5,6

PANTO® Kälbergold A15

Universal

- ✓ protein from highly nutritious milk components, with casein
- ✓ recommended milk replacer for the PANTO® early weaning process
- ✓ ideal for female calves

Analytical components and contents

20,00 % Crude protein	9,50 % Crude ash
1,80 % Lysine	0,90 % Calcium
17,00 % Crude fat	0,60 % Phosphorus

Additives per 1 kg

25.000 I.U. Vitamin A	100 mg Iron
5.000 I.U. Vitamin D ₃	B-vitamins ¹⁾
100 mg Vitamin E	Trace elements ¹⁾
150 mg Vitamin C	Acid combination ¹⁾
1,3 x 10 ⁹ CBU lactic acid bacteria	

Feeding recommendations suitable for automatic feeders

- dosage: 130–150 g per 1 litre of water
- dissolving temperature: 40–42 °C (warm feeders)
- feeding temperature: 39 °C
- pH-value: 5,7