



# NRV

## Nutritional GAP of Waste/Whole Milk



NRV

- Ca
- ZN
- Mn
- Fe
- Cu
- I
- Se
- Co
- Vitamin D
- Vitamin E
- Thiamin
- Niacin
- Pyridoxine
- B12

### NRV Balancer 30/05

FORTIFIES Waste/Whole Milk to  
achieve 100% of all NRC requirements!

*The Balancer also improves the overall  
solids content of the final mix.*

- P
- Mg
- K
- Na
- Cl
- Vitamin A
- Riboflavin
- Pantothen
- Folic Acid
- Biotin
- Choline

**Waste/Whole Milk only meets  
these NRC nutrient requirements.**

## Whole Milk Nutritional Comparison to NRC Requirements

Units	Nutrient	NR	Milk (DM)	% of NRC
<b>%</b>	Ca	1	0.9	90%
	P	0.7	0.8	107%
	Mg	0.1	0.1	100%
	K	0.65	1.4	215%
	Na	0.4	0.4	100%
	Cl	0.25	0.8	320%
<b>ppm</b>	Zn	40	34	85%
	Mn	40	0.4	1%
	Fe	100	5.0	5%
	Cu	10	0.8	8%
	I	0.5	0.2	30%
	Se	0.3	0.2	67%
	Co	0.1	0.0	9%
	<b>IU/kg</b>	A	9,000	9,500
D		600	200	33%
E		50	6.0	12%
<b>ppm</b>	Thiamin	6.5	2.9	45%
	Riboflavin	6.5	12.4	191%
	Niacin	10	6.6	66%
	Pantothen	13	23.3	179%
	Pyridoxine	6.5	3.1	48%
	Folic acid	0.5	0.6	120%
	B12	0.07	0.0	43%
	Biotin	0.1	0.3	300%
	Choline	1,000	1,204	120%

NRC requirements for vitamins and minerals compared to composition of whole milk (uncorrected for dilution at different solids content).

Sources: 2001 NRC Nutrient Requirements for Dairy Cattle and USDA National Nutrient Database for Standard Reference:  
[http://www.nal.usda.gov/fnic/foodcomp/cgi-bin/list\\_nut\\_edit.pl](http://www.nal.usda.gov/fnic/foodcomp/cgi-bin/list_nut_edit.pl)

# NRV



*We take care of lambs, naturally!*

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NRV, Inc. is part of the Serval Family of Milk Replacers

