

RECOVERY HAND-FEEDING FORMULA

PSITTACINE BODY WT (G)	KCAL NEEDED PER DAY*	AMOUNT TO FEED (ML) 1:1 THICK PASTE**	AMOUNT TO FEED (ML) 1:2 SMOOTH GRAVY	AMOUNT TO FEED (ML) 1:3 THIN GRUEL
<50 grams - feed a 1:3 mixture until chick is hydrated and digesting normally.				
50	17	7.2	11.6	17.4
75	23	9.7	15.6	23
100	29	12	19	29
150	39	16	26	39
200	48	20	32	48
300	64	27	43	64
400	79	33	53	79
500	93	39	62	93
750	125	52	84	125
1000	155	64	103	155
1500	208	87	139	208
2000	256	107	171	256

*Amounts are estimated daily Kcal needs based on $154.6 \times BW^{0.73}$. Energy needs can vary dramatically based on the species, age, environment, health state, and activity level.
 **THICK PASTE not recommended for very young chicks.

Preparation instructions:

Mix one part of Recovery powder with either 1, 2, or 3 parts water, on a volume to volume basis using the tables above as a guide. Any mixed up formula should be discarded at the end of the day and made up fresh for the next day.

When scooped directly from the bag and leveled, each teaspoon contains approx 3.6 grams of Recovery.
 Metabolizable energy (calculated) = 4700 kcal/kg = 4.7 Kcal/g.
 1 level teaspoon (tsp, 5 ml volume) = 17 Kcal

THICK PASTE 1:1
1 tsp powder + 5 mls water = 7.5 mls
2 tsp powder + 10 mls = 14 mls
3 tsp + 15 ml = 20 mls
5 tsp = 25 mls = 35 mls

SMOOTH GRAVY 1:2
1 tsp powder + 10 mls of water = 11 mls of formula
2 tsp powder + 20 mls water = 22,23 ml
3 tsp powder + 30 ml of water = 37 mls of formula
4 tsp + 40 ml 47mls

THIN GRUEL 1:3
1 tsp powder plus 15mls water = 17 mls formula
2 tsp powder + 30 mls water = 36 mls formula
45 ml of water + 3 tsp powder = 51 mls of formula
60 mls water (4 tsp powder) = 70 ml

THICK PASTE - 1:1 powder to water (~ 2.5 kcal/ml)				
Approx volume of formula (mls)	Amount of powder (g)	Amount of powder (tsp)	Amount water (ml)	kcal/ml
7.5	4	1	5	2.363
10	6	1 1/2	7.5	2.658
14	7	2	10	2.215
20	11	3	15	2.437
35	18	5	25	2.278
50	26	7	35	2.304
70	37	10	50	2.342
SMOOTH GRAVY - 1:2 powder to water (~ 1.6 kcal/ml)				
Approx volume of formula (mls)	Amount of powder (g)	Amount of powder (tsp)	Amount water (ml)	kcal/ml
5	2	1/2	5	1.772
11	4	1	10	1.611
15	6	1 1/2	15	1.772
23	7	2	20	1.348
35	11	3	30	1.392
47	15	4	40	1.413
75	22	6	60	1.230
100	29	8	80	1.285
THIN GRUEL- 1:3 powder to water (~ 1.1 kcal/ml)				
Approx volume of formula (mls)	Amount of powder (g)	Amount of powder (tsp)	Amount water (ml)	kcal/ml
8	2	1/2	7.5	1.108
12	3	3/4	11	1.108
17	4	1	15	1.042
25	6	1 1/2	22.5	1.063
35	7	2	30	0.886
50	11	3	45	0.975
70	15	4	60	0.949
100	21	5 3/4	86	0.930