



# ProfeLAC<sup>®</sup> GREEN

## MULTI-SPECIES FEEDING GUIDELINES



|                                                                                                                                                                                           |  | CALVES                                                                 |               | Mixing Rate: 125-150 g/L |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|---------------|--------------------------|-------------------------------|
| To support growth and health, research suggests feeding approximately 1.5% of the calf's bodyweight as solids.                                                                                                                                                             |  |                                                                        |               |                          |                               |
| AGE (DAYS)                                                                                                                                                                                                                                                                 |  | MIXING RATE                                                            | FEEDS PER DAY | VOLUME PER FEED          | DAILY DRY MATTER INTAKE (DMI) |
| 0 - 4                                                                                                                                                                                                                                                                      |  | Fresh, high quality Colostrum. Feed within the first 6 hours of birth. |               |                          |                               |
| Basic Feeding Guidelines                                                                                                                                                                                                                                                   |  |                                                                        |               |                          |                               |
| 5 - 10                                                                                                                                                                                                                                                                     |  | 125 g/L                                                                | 2             | 2.0 L                    | 500 g                         |
| 11 - 16                                                                                                                                                                                                                                                                    |  |                                                                        | 2             | 2.5 L                    | 625 g                         |
| 17+                                                                                                                                                                                                                                                                        |  |                                                                        | 2             | 3.0 L                    | 750 g                         |
| Performance Feeding Guidelines                                                                                                                                                                                                                                             |  |                                                                        |               |                          |                               |
| 5 - 10                                                                                                                                                                                                                                                                     |  | 130 g/L                                                                | 2             | 2.0 L                    | 520 g                         |
| 11 - 16                                                                                                                                                                                                                                                                    |  | 150 g/L                                                                | 2             | 2.0 L                    | 600 g                         |
| 17+                                                                                                                                                                                                                                                                        |  |                                                                        | 2             | 3.0 L                    | 900 g                         |
| To further promote average daily gain and health, once a calf is 60 - 70 kg, consider feeding 7 L @ 150g/L over two 3.5 L feeds per day (1050 g DMI). Aim for 1.5 - 2% of a calf's body weight in dry matter intake (150 g of ProfeLAC <sup>®</sup> GREEN = 150 g of DMI). |  |                                                                        |               |                          |                               |

|                                                       | LAMBS                                                                                                                                                         |               | Mixing Rate: 160-200 g/L |                           |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|---------------------------|
| Lambs should receive ~200 mL/kg (20%) of its body weight in milk daily. Smaller animals may require more feeds of lower volume in a day. |                                                                                                                                                               |               |                          |                           |
| AGE (DAYS)                                                                                                                               | MIXING RATE                                                                                                                                                   | FEEDS PER DAY | VOLUME PER FEED          | TOTAL MILK INTAKE PER DAY |
| 1                                                                                                                                        | COLOSTRUM - Feed colostrum at 15-20% of body weight in the first 24 hours spread over 2-3 feeds, with at least one feed within the first 6 hours after birth. |               |                          |                           |
| 2 - 4                                                                                                                                    | 160 g/L                                                                                                                                                       | 4             | 125 mL                   | 500 mL                    |
| 5 - 7                                                                                                                                    |                                                                                                                                                               | 4             | 175 mL                   | 700 mL                    |
| 8 - 10                                                                                                                                   |                                                                                                                                                               | 4             | 250 mL                   | 1,000 mL                  |
| 11 - 13                                                                                                                                  |                                                                                                                                                               | 3             | 400 mL                   | 1,200 mL                  |
| 14 - 21                                                                                                                                  | 200 g/L                                                                                                                                                       | 2             | 600 mL                   | 1,200 mL                  |
| 22 - 42                                                                                                                                  |                                                                                                                                                               | 2             | 700 mL                   | 1,400 mL                  |
| 43 - 49                                                                                                                                  |                                                                                                                                                               | 2             | 500 mL                   | 1,000 mL                  |
| Weaning                                                                                                                                  |                                                                                                                                                               | 1             | 500 mL                   | 500 mL                    |
| Wean lambs from 6 weeks of age when eating sufficient solid food and forage.<br>Weaning should take place over 7 days.                   |                                                                                                                                                               |               |                          |                           |



## KIDS

Mixing Rate: 160-200 g/L

Kids should receive ~200 mL/kg (20%) of its body weight in milk daily. Smaller animals may require more feeds of lower volume in a day.

| AGE (DAYS) | MIXING RATE                                                                                                                                                   | FEEDS PER DAY | VOLUME PER FEED | TOTAL MILK INTAKE PER DAY |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|---------------------------|
| 1          | COLOSTRUM - Feed colostrum at 15-20% of body weight in the first 24 hours spread over 2-3 feeds, with at least one feed within the first 6 hours after birth. |               |                 |                           |
| 2 - 4      | 160 g/L                                                                                                                                                       | 3             | 200 mL          | 600 mL                    |
| 5 - 7      |                                                                                                                                                               | 3             | 250 mL          | 750 mL                    |
| 8 - 10     |                                                                                                                                                               | 3             | 300 mL          | 900 mL                    |
| 11 - 13    |                                                                                                                                                               | 3             | 400 mL          | 1,200 mL                  |
| 14 - 21    | 200 g/L                                                                                                                                                       | 2             | 600 mL          | 1,200 mL                  |
| 22 - 42    |                                                                                                                                                               | 2             | 800 mL          | 1,600 mL                  |
| 43 - 49    |                                                                                                                                                               | 2             | 600 mL          | 1,200 mL                  |
| Weaning    |                                                                                                                                                               | 1             | 600 mL          | 600 mL                    |

Wean kids from 6 weeks of age when eating sufficient solid food and forage. Weaning should take place over 7 days.



## FAWNS - Fallow Deer\*

Mixing Rate: 200 g/L

Fawns should receive ~200 mL/kg (20%) of its body weight in milk daily for the first 3 weeks, 15% (150 mL/kg) between weeks 3 - 6, and 10% (100 mL/kg) afterwards. *\*Red Deer calves require twice the feeding rates of Fallow Deer*

| AGE (DAYS)           | POWDER PER DAY                  | VOLUME PER FEED | FEEDS PER DAY | VOLUME PER DAY |
|----------------------|---------------------------------|-----------------|---------------|----------------|
| 1                    | COLOSTRUM - Feed 20% bodyweight |                 |               |                |
| 2 - 7                | 200 g                           | 200 mL          | 5             | 1,000 mL       |
| 8 - 14 (Week 2)      | 200 g                           | 250 mL          | 4             | 1,000 mL       |
| 15 - 21 (Week 3)     | 240 g                           | 300 mL          | 4             | 1,200 mL       |
| 22 - 28 (Week 4)     | 300 g                           | 375 mL          | 4             | 1,500 mL       |
| 29 - 42 (Week 5 - 6) | 300 g                           | 500 mL          | 3             | 1,500 mL       |
| 43 (Week 7)- Weaning | 200 g                           | 500 mL          | 2             | 1,000 mL       |
| Weaning              | 100 g                           | 500 mL          | 1             | 500 mL         |

Wean from 9-10 weeks of age, when eating sufficient solid food and forage. Weaning should take place over 14 days.



## PIGLETS

Mixing Rate: 160 g/L

Piglets should receive ~200mL/1 kg (20%) of its body weight in milk daily. For best results switch to ProfeLAC® PIGLET.

| AGE (DAYS)           | VOLUME PER DAY                                  | FEEDS PER DAY | VOLUME PER FEED | POWDER PER DAY |
|----------------------|-------------------------------------------------|---------------|-----------------|----------------|
| 1                    | COLOSTRUM - Feed 20% bodyweight, 30 mL per feed |               |                 |                |
| 2 - 4                | 360 mL                                          | 6             | 60 mL           | 58 g           |
| 5 - 7                | 500 mL                                          | 5             | 100 mL          | 80 g           |
| 8 - 14 (Week 2)      | 600 mL                                          | 4             | 150 mL          | 96 g           |
| 15 (Week 3)- Weaning | 800 mL                                          | 4             | 200 mL          | 128 g          |
| Weaning              | 400 mL                                          | 2             | 200 mL          | 64 g           |

Wean from 4-5 weeks of age (at least 6 kg body weight). Add milk replacer to solid feed to produce a gruel-like mix to aid solid food intake and early weaning. Weaning should take place over 7 days.



## PUPPIES

Mixing Rate: 200 g/L

Pups should receive 20 mL/100g (20%) of its body weight in colostrum on day 1 and daily milk thereafter for the first 3-4 weeks of life. Monitor weight regularly to determine daily feeding volume. Divide daily milk volume into 4 hourly feeds (6-8 daily feeds) for first 1-2 weeks; refer to table below. Gradually decrease feedings to 4 daily feeds by 4 weeks.

| BODY WEIGHT | VOLUME PER DAY | FEEDS PER DAY                                 | POWDER PER DAY |
|-------------|----------------|-----------------------------------------------|----------------|
| 100 g       | 20 mL          | Day 1 - 14<br>6 - 8 feedings                  | 4 g            |
| 250 g       | 50 mL          |                                               | 10 g           |
| 500 g       | 100 mL         |                                               | 20 g           |
| 750 g       | 150 mL         |                                               | 30 g           |
| 1,000 g     | 200 mL         | Day 15 - 28<br>Gradually reduce to 4 feedings | 40 g           |
| 2,000 g     | 400 mL         |                                               | 80 g           |
| 3,000 g     | 600 mL         |                                               | 120 g          |
| 4,000 g     | 800 mL         |                                               | 160 g          |

After 4 weeks, convert puppies from bottle to bowl feeding. Once puppy is eating well by lapping, begin mixing puppy food with milk replacer to produce a gruel-like mix. Gradually increase the proportion of puppy food until the puppy is on solid food.

### General recommendations (across all species):

- Colostrum intake in the first 24 hours of life is vital to survival.
- If colostrum is not available from the mother or another dam (same or different species), add a colostrum supplement (if available).
- Keep animals in an area that is dry and draft free.
- Quantities of milk replacer offered should be increased as body weight increases to maintain milk intake at 15 to 20% of body weight. Weekly adjustment is sufficient.
- Weigh infant animals regularly to ensure that milk intake is adequate for body weight.
- Frequent feeding of small amounts will decrease chances of digestive upsets.
- Where practicable milk feeds should be made fresh. Reconstituted ProfelAC® GREEN may be refrigerated up to 24 hours. Discard any unused portion after 24 hours.
- Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot (80°C) water, rinse with clean water (ideally a 10% bleach solution) and dry thoroughly with a 'clean' towel.
- Consult your veterinarian for any signs of disease, fever, parasites, poor performance etc.
- Fresh, clean water should be available for free choice at all times.
- Herbivores: if a starter ration is available, offer small quantities daily from 2 weeks of age. Offer good quality roughage (leafy material) and/or pasture on a free choice basis.

For more information, contact your local ProviCo Rural Young Animal Rearing Specialist

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