



## **Optivia White NA 22/20 Calf Milk Replacer**

**(For Dairy Replacement and Red Veal Calves)**

**This feed contains added selenium at 0.3 mg/kg**

**Feeds Act Reg. No. 510618**

### **GUARANTEED ANALYSIS**

<b>Crude Protein</b>	<b>(Min)</b>	<b>22.0%</b>
<b>Prot. from Milk Sources</b>	<b>(Min)</b>	<b>22.0%</b>
<b>Crude Fat</b>	<b>(Min)</b>	<b>20.0%</b>
Crude Fibre	(Max)	0.15%
Ash	(Max)	8.5%
Calcium	(Actual)	0.95%
Phosphorus	(Actual)	0.70%
Sodium	(Actual)	0.60%
Vitamin A	(Min)	40,000 IU/kg
Vitamin D3	(Min)	4,000 IU/kg
Vitamin E	(Min)	150 IU/kg

### **INGREDIENTS**

A list of ingredients used in this feed may be obtained from the manufacturer or registrant

### **MIXING DIRECTIONS:**

1. Water temperature should be 43-45 °C (109-113 °F)
2. Dispense half the desired water into the mixing container
3. WEIGH milk replacer powder at a concentration of 150g of powder per liter of water and add to the mixing container
4. Mix by hand to initiate the dispersion of powder and bring it into solution; a quick whisking will avoid loose powder from being wasted
5. Add the remaining water to the mixing container

6. Mix again, now using a drill mixer for 2 minutes to fully integrate the powder into the total solution
7. Feed milk at 36 – 37 °C (97 - 98 °F)
8. Wash and disinfect mixing and feeding utensils following feeding.

### **FEEDING DIRECTIONS (amount/calf/day):**

These amounts should be split into three feedings daily. (Note: in extreme cold or adverse environmental conditions, an additional feeding of 3 litres of milk replacer solution may be required. Provide ad libitum water (start after 3 days of age) to the calf to encourage calf starter consumption.

<b>Daily Feeding Rates</b>		
<b>Calf Age</b>	<b>Milk Replacer Powder</b>	<b>Milk Replacer Solution (powder + liquid)</b>
<b>Birth (0-2 hours)</b>	<b>Colostrum</b>	<b>3 Litres</b>
<b>12 hours</b>	<b>Colostrum</b>	<b>3 Litres</b>
<b>24 hours</b>	<b>Colostrum</b>	<b>2 Litres</b>
<b>Day 2-3</b>	<b>Transition Milk</b>	<b>6 Litres</b>
<b>Day 4-7</b>	<b>900 grams</b>	<b>6 Litres</b>
<b>Day 8-35</b>	<b>1350 grams</b>	<b>9 Litres</b>
<b>Day 36 to 56</b>	<b>900 grams*</b>	<b>6 Litres</b>
<b>Day 57-63</b>	<b>450 grams*</b>	<b>3 Litres</b>

### **Weaning Directions:**

\*When feeding 3 times per day remove one feeding at day 36, a second feeding at day 57 and wean day 63.

Begin feeding CALF STARTER in addition to milk replacer in the first week. Feed Starter twice daily to appetite. Hay can be offered once a calf is consuming 1 kg of dry starter feed. Keep Calf Starter fresh at all times.

**CAUTION:**

1. Directions for use must be carefully followed.
2. Do not use in association with another feed containing supplemental selenium.

BECAUSE INDIVIDUAL RESULTS FROM THE USE OF THIS PRODUCT MAY VARY DUE TO MANAGEMENT, ENVIRONMENT, GENETIC, HEALTH AND SANITATION DIFFERENCES. TROUW NUTRITION CANADA INC. AND ITS DISTRIBUTION SYSTEM DO NOT WARRANT OR GUARANTEE INDIVIDUAL RESULTS.

**Manufactured by:** Grober Inc., Cambridge, ON

**Registrant:** Trouw Nutrition Canada Inc. Suite 200 150  
Research Lane Guelph  
ON N1G 4T2

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**Net Weight: 20kg**

Lot number appears on side of bag

**0800**

