



## BRETT'S DRY COW MINERAL RANGE



### KEY COMPONENTS IN A PRE-CALVING MINERAL AND VITAMIN SUPPLEMENT

- Magnesium in dry cow diets is essential for calcium mobilisation and helps prevent milk fever
- As the level of phosphorus in conserved forage has been falling in recent years, phosphorus supplementation is required
- Vitamin D3 regulates the transport and absorption of calcium from both the diet and skeletal reserves of cows playing a crucial role in milk fever prevention
- Vitamin E is an antioxidant that improves cow immunity and calf health
- Biotin and Zinc build up hard and healthy hooves thus reducing the incidence of lameness in early lactation
- Biotin improves liver function and is critical in preventing the onset of ketosis
- Selenium is an antioxidant and helps boost cow and calf immunity. Feeding adequate organic selenium yeast and vitamin E will help prepare the mammary gland for the next lactation and reduce the incidence of mastitis
- Iodine cannot be stored by the cow and it must be supplemented daily, an iodine deficiency can lead to still born calves
- Copper is involved in the creation of red blood cells and is key to maintaining successful immune function pre-calving
- All trace minerals are important for the subsequent reproductive cycle and a successful outcome to the breeding season

**Bretts Supreme PIP Dry Cow Cube** has been developed to fulfil the nutritional, mineral and vitamin requirements of cows and heifers in late pregnancy. This complementary feed is suitable for feeding in conjunction with silage and/or straw and will help reduce the amount of silage consumed by dry cows. Feeding PIP Dry Cow Cubes from 8 weeks pre-calving, at 2 kgs per cow per day, will provide sufficient minerals and greatly reduce the incidence of retained cleanings, milk fever and calving difficulty.



## MINERAL SPECIFICATIONS

	BRETTS PIP DRY COW MINERAL	ACORN PRE-CALVER ELITE MINERAL
<b>VITAMINS</b>	<b>SPECIFICATION PER KG</b>	
Vitamin A IU/kg	600,000	500,000
Vitamin D3 IU/kg	250,000	175,000
Vitamin E mg/kg	15,000	10,000
Biotin mg/kg	100	-
Vitamin B12 mcg/kg	-	1,000
<b>TRACE MINERALS</b>	<b>MG / KG</b>	
Copper (Total Added)	3,000	3,000
Copper Chelate (Protected)	1,500	1,500
Zinc (Total Added)	5,000	5,000
Zinc Chelate (Protected)	2,000	2,500
Manganese (Total Added)	2,000	2,000
Iodine (Total Added)	500	500
Cobalt (Total Added)	95	95
Selenium (Total Added)	50	50
Selenium (as Organic Selenium Yeast)	20	20
<b>MACRO MINERALS</b>	<b>%</b>	
Magnesium	28	25
Phosphorus	4	4
Sodium	Min 7	Min 7
Seaweed Carrier	Yes	No
<b>RECOMMENDED FEEDING RATE</b>	<b>100 GRAMS / COW / DAY</b>	

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