PRODUCT INFORMATION SHEET

ProPath® Mn 150

A nutritional feed ingredient for animal feed. When used as a commercial feed ingredient, it must be declared as manganese amino acid complex. Association of American Feed Control Officials (AAFCO) No. 57.150. Canada Reg. No. 991299.

ZINPRO®

TYPICAL ANALYSIS

MINERALS	**Manganese**	15.0%
PROXIMATES	**Moisture**	1.5 - 2.5%
	Ash	33.0%
	Crude Protein	36.0%
AMINO ACIDS	**Glutamic Acid**	22.7%
	Lysine	20.2%

PHYSICAL CHARACTERISTICS

Color	Tan-brown
Texture	Granular
Particle Characteristics	Free flowing, slightly hygroscopic
Density	41 - 46 lb/ft^3 / 660 - 740 kg/m^3
Solubility	Active product is water soluble
Particle Size	150 µm < 85% < 355 µm
Package Type	Multiwall bag
Package Weight	55.1 lb / 25 kg

SAFE HANDLING & STORAGE

When correctly used, there is no toxicity hazard in the use of ProPath® Mn 150. Refer to the SDS for more detail. Store in a clean and dry environment. Follow label directions and rotate inventory to ensure fresh product.

Shelf Life: 5 years after the date of manufacture

FEEDING INSTRUCTIONS

		g/hd/d	g/US Ton	g/MT	PPM (mineral)*
DAIRY CATTLE	**All**				20
BEEF CATTLE	**Creep Feed**		225	240	
	Weaned Calves				20
	Cows and Bulls	1.34			
	Feedlot Receiving				20
	Feedlot Finishing				20
SHEEP	**All**	0.14			
GOATS	**All**	0.2			
HORSES	**All**	1.34	305	335	
SWINE	**Nursery**		125	150	
	Grow/Finish		125	150	
	Sows and Boars		125	150	
POULTRY	**All**		250	275	
AQUACULTURE	**Salmonids and Marine Fish**		181	200	
	Tilapia and Freshwater Fish		181	200	
	Shrimp		242	267	
COMPANION	**Canine**		150	175	
	Feline		90	100	
SPECIALTY	**Deer**	1.34			
	Elk	1.34			
	Llamas	0.4			

* PPM of mineral provided in the complete diet.

BEEF CATTLE: Creep feed recommendation based on daily intake of 1% body weight.

HORSES: All recommendations based on a mature horse of 500 kg body weight consuming 4 kg of complete feed.