

# MUSCLE AND JOINT

The HAPPY range products has been implemented with a new one especially designed to answering to athlete horse requirements usually undergone to harsh training with continuous muscle and articular stress. This condition can be reduced and prevented introducing in the horse diet by a single dosing all the nutritional elements needed particularly indicated to satisfy trainers of reining, trot and galloping sector. The sulphate glucosamine, obtained from the combination of glucose and glutamine, is the starting point for glycosaminoglycans and proteoglycans setting up, being the basic components of cartilage and connective tissue. In cases where this kind of amino monosaccharide is particularly detectable, it is possible to reduce and prevent osteoarthritis degenerative processes of the cartilage besides having effects on tendon and ligaments. Methylsulfonylmethane permits a valuable anti-inflammatory action by tidying free radicals produced by these processes and also inhibiting their development.

Chondroitin sulphate plus glucosamine are able to constrain cartilaginous deterioration also enhancing the synovial fluidification. L-carnitine, used as an energetic source, facilitates the flow of fat acids for mitochondrial functions enlarging cellular respiration as well as strengthening work resistance and decreasing muscle stress. MUSCLE AND JOINT should be administered on the basis of the kind of activity executed or of the musculoskeletal stress level suffered. This supplement can be utilized just under veterinary supervision and consequently dosing period and the bodyweight relevant quantity have not be provided. This aliment is advised to be included in the horse diet especially during specific period of the athletic career when an higher integration of the above mentioned elements is required. The exceptional recipe of this feedingstuff will work up horse appetite without incurring in formulation mistakes permitting dosing it easily by the riding staff avoiding manger left-overs as often happens with supplementary addition not pleasant to horses.

In addition to the verified and already well-known nutritional value of these formulas they have been integrated with a percentage of "yucca" extracts. In the livestock sector that plant finds widely use in the production of pet animals food (dogs, cats and ferrets) seeing that it is a gut functionality regulator. Beneficial property of this phyto derivative is mainly represented in the capability of relieving the orthopedic problems that affecting vaulting horses (arthritis, tendinitis, etc.). The saponins percentage provided by "yucca" grants the improvement of gastrointestinal transit identifying the water particles in the gut. There is subsequently a preventative effect in regard to colic syndrome.



## ANALYTICAL COMPONENTS % AS:

Moisture	10,40%
Crude Protein	14,50%
Crude oils and fats	5,01%
Crude Fiber	11,50%
Crude Ash	4,70%

Vitamin A	UI	10500,00
Vitamin D3	UI	1050,00
Vitamin E	mg	275,00
Vitamin B1	mg	17,50
Vitamin B2	mg	16,80
Vitamin B12	mg	0,01
Choline chloride	mg	63,00
Folic Acid	mg	1,05
Iron	mg	14,00
Phosphorus	mg	0,01
Magnesium	mg	0,01
Calcium-D-pantothenate	mg	1,05
Copper	mg	10,50
Manganese	mg	72,77
Zinc	mg	60,86
Iodine	mg	0,21
Selenium	mg	0,09
Calcium	%	0,15
Sodium	%	0,10
BHT	mg	0,60
Ethoxyquin	mg	0,30
Chondroitin sulphate	mg	10,00
Acidironic	mg	70,00
L-Treonine	mg	600,00
L-Carnitine	mg	200,00
Biotine	mg	0,28
Glucosamine	mg	1000,00
Methylsulfonylmethane	mg	500,00
L-Lysine	mg	1200,00

with addition of  
SPIRULINA,  
ACTIVE  
FERMENT  
and YUCCA



Anti-inflammatory adjuvant for traumatic diseases of the sport horse, pre- and post-training and competition.



Safe digestion



Cooking a vapor



Greater immune defenses



Shiny fur



Prolonged effort



Concentrated energy supply



Weight optimal form

Pack of  
25 Kg.

