



ROYAL  
HORSE

# ATHLETE EFFORT RECOVERY

C-600

*ATHLETE EFFORT RECOVERY is a feed supplement for horses that supports muscular exertion and promotes the horse's recovery during pre-training, training in preparation of exertion and during all periods of repeated effort (competition season, sequences of races, etc.). This product is intended for horses subjected to intense and repeated exercise.*



**ATHLETE EFFORT RECOVERY's active properties are based on the combination of two active ingredients: a microalgae species with high DHA (Omega 3 fatty acid that improves heart function) content, and AOELITE®, a plant-based antioxidant complex.**



SUPPORTS MUSCLE PERFORMANCE



IMPROVES HEART FUNCTION



PROMOTES THE ELIMINATION OF TOXINS

ATHLETE EFFORT RECOVERY is manufactured using a cold granulation process which maintains the integrity of the compounds found in its formula for maximum efficiency.

This innovative product was designed by the Royal Horse team of nutritionists and equine veterinarians who work on developing ever more effective nutritional products for better welfare.

The effectiveness of ATHLETE EFFORT RECOVERY's active ingredients has been demonstrated in the results of a study conducted on horses under real conditions.



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## INGREDIENTS

Seaweed, alfalfa, aromatic plants, lithothamne, and dehydrated melon pulp.



Negative Laboratory Control

## ANALYTICAL CONSTITUENTS %

Moisture.....	4.0
Crude fibre.....	5.0
Crude protein.....	7.6
Crude ash.....	9.1
Crude oil and fat.....	26.8

## ADDITIVES

### VITAMINS mg/kg or IU

3a700 Vit E.....20,000

3a300 Vit C.....50,000

### TRACE ELEMENTS mg/kg

3b810 Selenium (organic

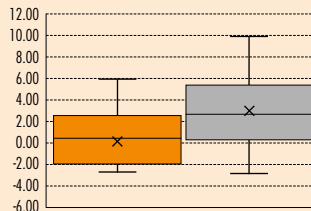
S.cerevisiae CNCM 1-3060).....1.5

### FLAVOURING COMPOUNDS

2b17034 Glycine.....2%

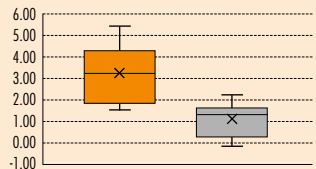
## RESULTS

### Average heart rate (bpm) at rest, standard deviation



**Average heart rate remains constant** in the C-600 group while it increased by 3 bpm\* in the control group.

### Average V200 (km/h) in activity, standard deviation



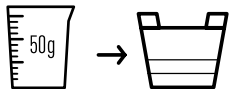
**The V200 average of the C600 group is significantly higher** than that of the control group.\*

Indices are useful to compare the horses with each other or to follow the evolution of training. V200 is one of these indices. It expresses the speed of a horse at 200 beats per minute.

■ C-600 ■ Control

## INSTRUCTIONS FOR USE

Administer ideally with the evening ration.



2 doses of 50 g/day

## Demonstration of a decrease in CK and AST activity which are markers of muscle stress

Decrease in muscle enzymes CK (Fig. g,  $P = 0.01$ ) and AST (Fig. h)

Fig. g CK (plasma, IU/l)

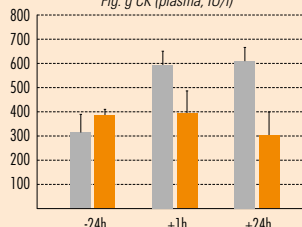
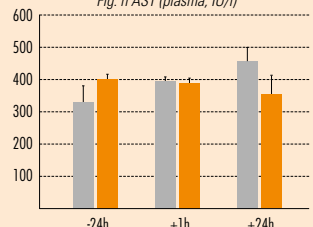


Fig. h AST (plasma, IU/l)



**Promotes the elimination of toxins** generated by intense exercise.\*

**Helps prolong exercise** time in optimum conditions for the muscle.

Error bars represent the standard error of mean

■ AOELITE® ■ Control

\* in the experimental conditions of the trial.