

Highly bioavailable organic iron supplement



COMPOSITION

Iron 20 mg/mL present as Ferric-Hydroxide-Sucrose complex

ACTIONS

Iron deficiency results in poor performance in horses.^{1,2} Iron deficiency has adverse effects on the immune system resulting in an increased risk of infection and reduced disease resistance.

Enzymes involved in eliminating toxic metabolites produced during hard exercise are reduced by iron deficiency.

Racing horses

Racing horses sweat profusely and significant amounts of iron can be lost in sweat. Haemoglobin controls the oxygen carrying capacity of blood and iron is essential for the production of haemoglobin. Skeletal muscle requires optimal oxygen delivery for maximal performance. Oxygen supply to cardiac muscle is also critical in order for the race horse to sustain the maximal stroke volume attained during racing. Thoroughbred racehorses treated with ferric hydroxide-sucrose injection showed increases in packed cell volume (PCV), red blood cell (RBC) count and haemoglobin concentration.¹ Similar improvements were seen in trials in Standardbreds.²

INDICATIONS

For the treatment of anaemia due to iron deficiency in horses

DOSAGE AND ADMINISTRATION

Adult Horse (450-500 kg): 20 mL weekly by slow intravenous injection or as required.

Intravenous injections should only be carried out by, or under the supervision of, a registered veterinarian.

WARNINGS

In extremely rare instances an anaphylactic reaction can occur. Appropriate treatment for anaphylactic shock should be instituted.

Meat Withholding Period: Nil

PRESENTATION

20 mL sterile glass multi-dose vial.

STORAGE

Store in a dry place below 25°C (Air Conditioning). Protect from light.

AVAILABILITY

For General Sale (APVMA 63024)

NOTES

If used in performance animals, the regulations of the relevant authorities regarding medication should be observed.

REFERENCES

1. Sanchez, M.R.P., *et al* 1967, *J. Prat. Vet. Eq.* 9, 63-67.
2. Hartikka, P. *et al* 1983 *Nord. Vet. Med.* 35, 245-256.3