

**Q Selenium and Chromium are both in fully 'Organic Chelate' form. Why?**

**A** This is important for optimum uptake and safety of these essential trace-minerals. Selenium is an important antioxidant nutrient which is inter-related to Vitamin E in metabolic and muscle function. Organic forms are more efficiently absorbed and less toxic to the environment if excesses or residues are eliminated in the droppings. Inorganic chemical forms, such as selenites or selenates, are less well absorbed and recent studies suggest they have a pro-oxidative effect in the tissues to increase oxygen waste, rather than the antioxidant effect of organic selenium as selenomethionine contained in **Cell-Provide®**.

**Q There is a wide range of vitamins in Cell-Provide®. Are these in stable form for long term storage?**

**A** Yes. Many vitamins, such as Retinol (Vitamin A), tocopherol (Vitamin E) and thiamine (Vitamin B1) are prone to oxidation and damaging reaction in contact with incompatible, oxidising inorganic or chemical forms of trace-minerals, especially cheap oxide forms.

**Cell-Provide®** contains coated forms of these important vitamins which act to prevent oxidation during storage and reaction with trace-minerals, which is also minimised by the amino acid shielded organic forms in the separate trace-mineral pellets added to the feed. The vitamin pellets only contain compatible vitamins and are acidified to further aid their long term stability.

**Q Cell-Provide® is recommended for aged or senior horses. Does it meet their special needs?**

**A** Horses over 16 years of age are likely to absorb less calcium from their feed to maintain bone density and skeletal strength. **Cell-Provide®**, containing a separate bone mineral Supplet®, provides additional calcium to make-up shortfalls in a well absorbed, acidified form.

**Q What pack sizes is Cell-Provide® available in?**

**A Cell-Provide®** is available in a 1.4kg pack, 3.5kg and 10kg.



**Cell-Provide 1.4kg**



**Cell-Provide® Supplet® pellets can be given off the hand.**

All products are updated on a regular basis to incorporate the latest nutritional research findings, using NRC 2007 and INRA publications as the nutritional guidelines for specific classes of horses.

***Kohnke's Own®***

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**CELL-PROVIDE**



# CELL-PROVIDE

**Cell-Provide® is especially formulated to make up shortfalls of bone minerals, trace-minerals and vitamins in the pasture, hay and hard feed diets fed to lightly worked equestrian and pleasure horses, ponies and miniatures.**

**It is also highly recommended for aged horses as a palatable, easily assimilated dietary supplement. It is formulated to the National Research Council (NRC) (2007) USA nutrient recommendations for resting, lightly worked and aged horses and ponies.**

**Cell Provide® is an effective and economical 'ration balancer' to make-up shortfalls of micro-nutrients in both pasture and 'hard feed' diets.**

**Q. Why is it beneficial for lightly worked horses, ponies and miniatures?**


**A** **Cell-Provide®** is a unique dietary balancer, supplying not only bone minerals, but a full range of essential trace-minerals (many in organic or chelated form) and important vitamins, either lacking in forage, hay or dry feeds, or depleted during curing of hay and long term storage of fodder and grains. **Cell-Provide®** also provides the full range of micro-nutrients to help maintain optimum health, coat condition and vitality in horses and ponies on hay and dry food diets with minimal access to good quality pasture.

**Q Is Cell-Provide® different to other Dietary Supplements?**

**A** Yes indeed. Not only is it formulated to provide a wide range of nutrients to the NRC 2007 standards, it is a blend of three cold-pressed, colour coded **Supplets®** – an exclusive world-first innovation and patented concept by Dr John Kohnke BVSc RDA, a well known Australian horse nutrition advisor and author of popular books on horse feeding and nutrition.

The blend of three separate **Supplets®,** which are compounded into compatible nutrient groups within each type of **Supplet®,** help to avoid harmful nutrient interactions of trace-minerals, such as iron and copper, which can rapidly destroy Vitamins A, D and E when mixed together in a damp 'sweet' feed, powdered or liquid supplement.

 **White Supplets®** – provide calcium, phosphorus and magnesium for the bones.

 **Brown Supplets®** – make-up a full range of trace-minerals to supplement low or imbalanced diets to help maintain optimum muscle, joint and skeletal strength.

 **Golden-Yellow Supplets®** – supplement all essential vitamins for appetite, coat condition and vitality.

**Q Are there other benefits from the three Supplet® blend?**

**A** Yes. Being a blended **Supplet®** mix, **Cell-Provide®** incorporates easily into hard feed mixes. It does not sift out, eliminates dust and wastage from blow-away in outdoor feeders, does not sludge or precipitate to the bottom of a feed bin in dry feeds. Even in wet weather, the **Supplets®** resist moisture uptake, so in damp feed mixes they retain their form and do not disintegrate.

**Q Is Cell-Provide® suitable for show and ridden horses?**

**A** **Cell-Provide®** not only contains a full range of nutrients in balanced proportions, but it is also fortified with a high content of certain nutrients, such as copper, zinc, iron, selenium and chromium (both in fully organic form), as well as Vitamin A, Vitamin E and B group vitamins. All these nutrients have a role in normal coat condition, maintaining the appetite and vitality, as well as general health.

**Q Cell-Provide® contains a separate white calcium Supplet®. Why?**

**A** Many grass based diets without access to legumes, such as clovers and lucerne, which normally contribute calcium to help make up shortfalls, are low in calcium, magnesium and phosphorus. Vitamins A and D are also included in this separate bone mineral **Supplet®** as they have an important role in the uptake and balance of calcium and magnesium in the bone strength and development and are required for optimum metabolic function of both minerals.

**Q The trace-minerals in the formulation are included in amino acid organic chelate form. What are the benefits of organic trace-minerals?**

**A** Amino acid chelates are an organic form of a nutrient, similar to the natural forms found in plants and grains consumed by horses. The organic chelates are formed when chemical trace-minerals are incorporated as trace-mineral-amino acid complexes (chelates). The 'chelate' coating shields the trace-mineral to prevent interaction with vitamins in the same formulation and binding with other trace-minerals. The amino acid 'chelate' is also absorbed more effectively (more bioavailable), compared to inorganic chemical forms of the same trace-mineral.

## Handy Hint:

**Cell-Provide® is the most comprehensive dietary supplement and a true 'ration balancer' formulated to correct short falls in pasture, grains, chaff and hay. It is economic to use and well accepted by horses - many will take the Supplets® off your hand as a paddock supplement when horses are at pasture.**