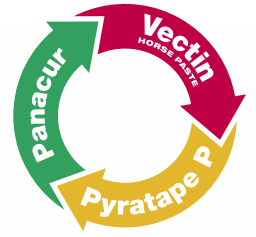


active3
3 year worming plan



The long term plan for
reliable worm control



You want your horses to be
healthy and **worm-free**

But worming horses properly can be
complicated and confusing...



...and worms can become
resistant to worming products

active3

3 year worming plan

makes worming horses
simple, **effective** and **reliable**

Active3 is a comprehensive worm control plan devised to protect the long term health and well-being of your horses.

It consists of a three year programme of dosing using three well-trusted **Intervet** worming products of proven reliability – **Panacur**®, **Pyratape P**® and **Vectin**® **horse paste** – effective target wormers in their own right.

Because it uses a combination of three different worming products, **Active3** is effective against all major infective parasitic worms and larvae, including...

- **Small redworm** (Cyathostomes)
- **Large redworm** (*Strongylus vulgaris*)
- **Roundworm** (*Parascaris equorum*)
- **Tapeworm** (*Anoplocephala perfoliata*)
- **Pinworm** (*Oxyuris equi*)
- **Bots** (*Gasterophilus*)

By using the **Active3** three year worming plan, you will be reliably controlling all of the above parasites in your horse, with the added peace of mind of knowing that you're helping delay any resistance to worming products developing on your pasture.

The **Active3** programme is simple and straightforward to follow, and new horses can enter the programme at any time of the year.

The wormers used in the **Active3** three year worming plan are palatable to your horse and easy to administer.



worms, what they can do to your horse...

It's easy to ignore **the damage** that internal parasitic worms and their larvae can do to your horse, because the effect is not always immediately apparent.

And, let's face it, they're not the most pleasant things to think about. **But you must.**

Because, left untreated, worms can have a **devastating** effect on your horse's health...

Small redworm (Cyathostomes)

Larvae can collect in the gut wall. Hundreds of these larvae can then emerge simultaneously, causing severe damage to the gut leading to colic, diarrhoea and weight loss.

Worst case scenario: serious disease, gut wall damage, death.



Large redworm (Strongylus vulgaris)

The larvae actually migrate within the arteries of the horse, causing major tissue damage and discomfort.

Worst case scenario: serious colic requiring surgery, blood clotting (thrombosis) leading to death.



Roundworm (Parascaris equorum)

Roundworm (also called Ascarids) infest the small intestine. They can slow a horse's growth, cause it to cough badly, and make its coat dull and patchy.

Worst case scenario: rupture or blockage of the gut leading to death.



Tapeworm (Anoplocephala perfoliata)

Tapeworm live inside your horse's bowels, causing irritation of the gut wall. This may lead to colic.

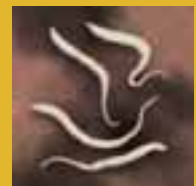
Worst case scenario: twisting or rupture of the bowel, serious colic requiring surgery, death.



Pinworm (Oxyuris equi)

Pinworm passes through the horse's body and lays eggs around its anus. Your horse will become very troubled and constantly rub its backside in an attempt to find relief.

Worst case scenario: dull coat, lost appetite, damaged tail.



Bots (Gasterophilus)

Bots are actually the larvae of flies that lay eggs on the forelegs of your horse.

The eggs hatch and the larvae enter the horse's mouth when it is grooming itself. When in the horse's mouth the larvae burrow into the tongue or cheeks and migrate to the stomach, where they reside and grow.

Bots attach to the stomach wall and can cause irritation leading to stomach ulcers. A horse infected with bots may suffer a general decline in condition.

Worst case scenario: stomach ulcers, peritonitis leading to death.



...and how we **fight** their **resistance** to some wormers

Faced with this alarming range of parasites, developing one wormer that treats them all has so far proven impossible.

To make matters worse, some types of worm have shown themselves able to develop and pass on a genetic immunity to any one chemical that is used year after year.

Experts believe that in order to prevent this resistance to chemicals being passed on from one generation of worms to the next, treatment must be changed at a critical time of the year.

By carefully changing the active ingredients in the treatment given during the summer months, **rotated over a three year period**, we minimise the chances of genetic immunity being passed on – **and your horse remains healthy.**

We call this programme...

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3 year worming plan

The three active ingredients

To date, three “chemical families” have been discovered that can be used as routine wormers. The active ingredients in these chemical families include...

IVERMECTIN

PYRANTEL

FENBENDAZOLE

...and it is these that we rotate as part of the **Active3** three year worming plan.




simple, effective and reliable...

active3
3 year worming plan

The Active3 worming plan advises the rotation of different chemical families annually during summer months. Please refer to the chart overleaf for details.

month	date	treatment
january		
february	14	Panacur EQUINE GUARD
march	31	Pyratape P DOUBLE DOSE
april		
may		
june		
july		
august		
september	17	Pyratape P DOUBLE DOSE
october		
november	1	Panacur EQUINE GUARD
december	15	Vectin HORSE PASTE



The **Active3** three year worming plan is **simple, effective** and **reliable**.

It advises you to follow a simple regime of dosing over a three year period – as you can see set out on the card shown here. Every year the programme is the same, except between April and August. During these summer months you must give your horse **Vectin Horse Paste** in year one, **Pyratape P** in year two, and **Panacur** in year three.

By rotating these three products, **Active3** helps prevent intestinal parasites building up a resistance to any one of the active chemical ingredients.



The summer months...

In year one, give your horse **Vectin Horse Paste** on the dates shown in the table below. Then give **Pyratape P** in year two, and **Panacur** paste or granules in year three.

By rotating these three products, **Active3** helps prevent intestinal parasites building up a resistance to any one of the active ingredients.

NOTE: Pyratape P summer dosages

Pyratape P is used at double the dosage in March and September specifically as a tapeworm controller.

However, for **summer month** worming, the **Pyratape P dose is a single dose** – see dosage tables on the back cover.

Vectin every 8-10 weeks

year 1

april		
may	12	Vectin HORSE PASTE
june		
july	7	Vectin HORSE PASTE
august		

Pyratape P every 4-6 weeks

year 2

april		
may	14	Pyratape P
june	25	Pyratape P
july		
august	6	Pyratape P

Panacur every 6-8 weeks

year 3

april		
may	14	Panacur
june	25	Panacur
july		
august	6	Panacur



the products used in the **Active3** three year

Panacur

Panacur is a single dose horse wormer (available as a paste or in granules). It is also available as **Panacur Equine Guard**, which is a five day course of treatment. All **Panacur** products contain the active ingredient **fenbendazole**.

Equine Guard is effective against...

- encysted small redworm larvae
- migrating small redworm larvae
- small redworm adults and immatures
- large redworm adults
- pinworm

Single dose Panacur is effective against...

- small redworm adults and immatures
- large redworm adults
- pinworm



Vectin

Vectin Horse Paste is a single dose horse wormer containing the active ingredient **ivermectin**.

This product is effective against...

- bots
- migrating large redworm larvae
- large redworm adults
- small redworm adults

- pinworm
- lungworm
- threadworm



worming plan...

active3 3 year worming plan

Pyratape P

Pyratape P can be used as a single or double dose horse wormer. It contains the active ingredient **pyrantel**.

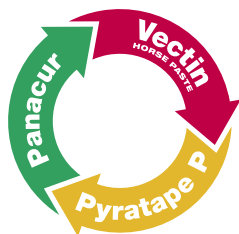
In **double** doses, it is effective against...

- tapeworm
- large redworm adults
- small redworm adults
- roundworm
- pinworm



In **single** doses, it is effective against...

- large redworm adults
- small redworm adults
- roundworm
- pinworm



...each effective
target wormers
in their own right

The **Active3** three year worming plan will dramatically reduce the threat of parasitic worms and larvae if implemented properly throughout the life of the horse.

However, for horses that need immediate, effective worming treatment, all three of the **Active3** products are equally as effective as **target wormers**...

- for **bots**, use **Vectin Horse Paste**
- for **tapeworm**, use **Pyratape P**
- for **encysted small redworm**, use **Panacur Equine Guard**

worming **questions** answered

How should I treat new horses?

Treat any new horse with a five day course of Panacur Equine Guard and a double dose of Pyratape P on the sixth day. They can then enter the **Active3** three year worming plan at any point in that year.

Do I have to remove dung from my horse's paddock?

Dung removal is absolutely essential in the fight against worms. It should be done at least twice a week in summer and winter in order to keep the level of infective larvae as low as possible. Priority should be given to paddocks where young horses run.

Infective larvae love paddocks that are wet and muddy, so dung collection is even more important in these conditions.

Is harrowing a good idea?

Harrowing is a great idea when conditions are dry and hot, as it exposes the larvae to sun where they will dry out and die.

However, in wet conditions, harrowing will actually make matters worse, as it spreads the infective larvae wider around the pasture.

If you're in any doubt, then don't harrow.

Is it safe to graze sheep and cows with horses?

Grazing sheep or cattle with horses is a great idea, for two very good reasons.

Firstly, these animals share few parasites with horses, and so act as "bio-hoovers" making the pasture safer for horses.

Secondly, sheep in particular will often tackle the tougher patches of pasture that horses are fussy about, so improving the quality of the pasture for the horses overall.

Is there any point in resting a pasture?

Resting a pasture will be helpful in keeping down levels of small redworm, but a minimum of five months rest is necessary. Worm larvae can survive for years, even on a pasture that has been reseeded, so resting a pasture should not be relied upon. It is probably better to fight worming by maintaining a good worming programme like **Active3** and diligent dung collection.

Should I exercise a horse that has been dosed?

A horse that is on the **Active3** three year worming plan can be exercised as usual, unless your vet has said otherwise.

How old should my foal be before worming starts?

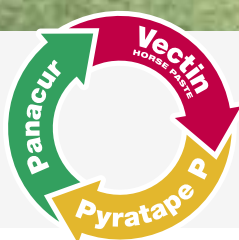
There is no minimum age for using **Panacur**. **Pyratape P** can be used from 4-6 weeks old, while **Vectin Horse Paste** can be used from 6-8 weeks old.

Try to keep foals away from paddocks that have been recently used by adult horses, and foals should ideally not graze pastures that have been used by foals in the preceding year.

Can I worm a pregnant mare?

Yes, all of the products used in the **Active3** three year worming plan are licensed for use in pregnant mares.

for **healthier** horses...



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3 year worming plan

Vectin Horse Paste

Legal category: **PML**

Presentation: Vectin contains ivermectin PhEur 1.87% w/w.

Contra-indications and warnings: Some horses carrying heavy infections of *Onchocerca microfilariae* have experienced oedema and pruritus following dosing, assumed to be the result of death of large numbers of microfilariae. These signs resolve within a few days but symptomatic treatment may be advisable.

Animals must not be slaughtered for human consumption during treatment. Horses and donkeys may be slaughtered for human consumption only after 21 days from the last treatment.

The product has been formulated specifically for use in horses and donkeys only. Dogs and cats may be adversely affected by the concentration of ivermectin in this product if they are allowed to ingest spilled paste or have access to used syringes.

Extremely dangerous to fish and aquatic life. Do not contaminate surface waters or ditches with product or used containers. Drug containers and any residual contents should be disposed of in accordance with any guidance from an appropriate waste regulation authority.

Pyratape P

Legal category: **PML**

Presentation: Pyratape P is a ready-to-administer oral wormer for horses and other equines. Each syringe contains 11.4g pyrantel embonate as active ingredient.

Contra-indications and warnings: Do not administer to horses intended for human consumption. Do not use in severely debilitated animals. Combined administration of pyrantel and levamisole or piperazine is not recommended.

Avoid contact with the skin. Wash hands after use.

The same syringe should only be used to dose two animals if they are both healthy and are either grazing together or are on the same premises and in direct contact with each other.

Pyratape P is safe for horses and ponies of all ages, including suckling foals, pregnant mares and stallions.

Impaction of the small intestine may occur in foals heavily-infected by ascarids. Colic symptoms may be seen as soon as 30 minutes after treatment.

Panacur

Legal category: **PML**

Presentation: Panacur Equine Guard is a 10% suspension of fenbendazole as a ready-to-administer oral anthelmintic for horses. 1ml Panacur 10% suspension contains 100mg active ingredient fenbendazole. Available with or without apple flavour.

Panacur Equine Granules is 22% granulate formulation of fenbendazole as a ready-to-administer oral anthelmintic for horses. 1g Panacur Equine Granules contains 0.22g active ingredient fenbendazole.

Panacur Equine Paste is syringes containing 24g of an 18.75% paste formulation of fenbendazole as a ready-to-administer oral anthelmintic for horses. 1g Panacur Equine Paste contains 0.187g active ingredient fenbendazole.

Contra-indications and warnings: Do not use in horses intended for human consumption.

Direct contact with the skin should be kept to a minimum. Wear suitable protective clothing, including impermeable rubber gloves. Wash hands after use.

Dispose of used containers safely. Do not contaminate ponds, waterways or ditches with product or used container.



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3 year worming plan

dosage charts

horse types

weight	type
up to 100kg	miniature ponies
101-300kg	shetland, other small ponies, donkey, foals
301-400kg	new forest, dartmoor, welsh ponies
401-500kg	light hunters, arabs
501-600kg	thoroughbreds
601kg plus	heavy hunters, drey horses

Vectin[®] HORSE PASTE

weight	dosage
up to 100kg	syringe mark 100kg
101-300kg	syringe mark 300kg
301-400kg	syringe mark 400kg
401-500kg	syringe mark 500kg
501-600kg	one full syringe
601kg plus	one full syringe plus 100kg syringe marks for each extra 100kg body weight

Panacur[®] EQUINE GUARD

weight	dosage
up to 100kg	25ml/day for five days
101-300kg	25ml/day for five days
301-400kg	30ml/day for five days
401-500kg	45ml/day for five days
501-600kg	45ml/day for five days
601kg plus	45ml plus an extra 5ml for each extra 65kg body weight/day for five days

Pyratape[®] P DOUBLE DOSE for tapeworm

weight	dosage
up to 100kg	syringe mark 200kg
101-300kg	one full syringe
301-400kg	one syringe + 200kg
401-500kg	two full syringes
501-600kg	two full syringes
601kg plus	two full syringes plus 200kg syringe marks for each extra 100kg body weight

Panacur[®] EQUINE PASTE summer months

weight	dosage
up to 100kg	syringe mark 100kg
101-300kg	syringe mark 300kg
301-400kg	syringe mark 400kg
401-500kg	syringe mark 500kg
501-600kg	one full syringe
601kg plus	one full syringe plus 100kg syringe marks for each extra 100kg body weight

Pyratape[®] P summer months

weight	dosage
up to 100kg	syringe mark 100kg
101-300kg	syringe mark 300kg
301-400kg	syringe mark 400kg
401-500kg	syringe mark 500kg
501-600kg	one full syringe
601kg plus	one full syringes plus 100kg syringe marks for each extra 100kg body weight

Panacur[®] EQUINE GRANULES summer months

please note that horse weight increments are different on this chart	
weight	dosage
up to 150kg	half a sachet
151-300kg	one sachet
301-450kg	one and a half sachets
451-600kg	two sachets
601-750kg	two and a half sachets
751- 900kg	three sachets

Further information available on request.

® Registered trademark



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