

Miniature Horse Quarterly

Issue Number 17
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OFFICIAL PUBLICATION OF THE INDEPENDENT MINIATURE HORSE REGISTRY INC.

Independent



Miniature Horse Registry inc.
www.minihorseinfo.com

*In This
Issue ...*

*** COLOUR
GENETICS
- OVERO**

*** FOAL BRAG**

Plus ..

- * CONCLUSION OF BROODMARE ARTICLES**
- * NEWS FROM THE HUNTER SHOW SCENE**
- * QLD STATE CHAMPIONSHIPS & MORE**

Images & Design
Tracey Bavinton

Lot-sa Fun

(imp)
Tru Snapshot

I.M.H.R
Queensland

Supreme of
Supreme
Champions

www.ElegantArtShowHorses.com

* REMINDER *

The next issue of the IMHR MHQ magazine will be the **NATIONAL SHOW** edition.

Get your adverts ready to promote your horses, tell us who you are taking, etc. There will also be the final inclusions for the Foal Brag for this season, so get those gorgeous baby photos to the editor before February 1 2010. Gee 2010...seems a long way off but it will be here before you know it!

Good luck to everyone for the remainder of the foaling season.

Publishing Rates & Deadlines

Black and White (per issue)

Full Page	110.00
Half Page	60.00
Quarter Page	35.00
Business Card	7.00
Classifieds (text only)	7.00

Colour (per issue)

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Half Page	70.00
Quarter Page	40.00
Centre Spread	180.00

Ad Design 60.00

Stud profiles are free and are limited to one photo to a maximum article size of half page. No sales or advertising is permitted in stud profiles.

Issue	Deadline	Print
Jan/Feb/Mar	1st Feb	mid-Feb
Apr/May/Jun	1st May	mid-May
Jul/Aug/Sep	1st Aug	mid-Aug
Oct/Nov/Dec	1st Nov	mid-Nov

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Front Cover Photo:

Welcome New Members

697	SIMONE CARDENAS
698	LEE McDONALD
699	VICKI BRIDLE
700	*NFP
701	SHELLEY LAIT
702	CHERYL LAIT
703	PETER BARCHAM
704	NICOLE & MATTHEW SWIFT
705	ALISON GREEN
706	MELISSA & LEE BATES
707	KIM MALKUS
708	*NFP
709	CAMERON AYRTON
710	CYNDY STEELE
711	LYNDAL GREEN
712	NINNA & JASON DAVIS
713	*NFP
714	LYN COLLINS
715	PATRICIA CONWAY

*** Thank you ***

A **HUGE** thank you from your editor!!

All magazine content was received on time for this issue, which made it so much easier to meet with publication deadlines, and all computer program issues have now been rectified, which in turn, meant you received this magazine ON SCHEDULE!

Please keep up the good work - get your inclusions for the magazines to the editor before the closing deadline. These are listed on the previous page, top right. Jot the dates down on your advertising calendars to avoid missing out, as deadlines will be adhered to.

PATS ON THE BACK ALL ROUND FOR SUCH GREAT SUPPORT OF YOUR MAGAZINE!!

* NFP = Not for Publication

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Please contact these people for information about IMHR or shows and activities in your area.
Contact the Secretary if you would like to be an Area Co-Ordinator.

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Presidents Report

By the time you receive this issue, your Annual General Meeting will have concluded and you will have some new faces on Committee and potentially some changes to our Constitution. Thank you to everyone who has participated in this valuable process and welcome to new Committee members.

We are also fortunate to have Wayne Hipsley back on our shores to facilitate some judging / exhibitor clinics. Don't miss these valuable opportunities to increase your knowledge about Miniature Horses and perhaps become an internationally recognized Miniature Horse judge. Our accredited judges have been in high demand for opportunities in New Zealand so if you are interested, come to the clinic and learn more.

The NSW State Show is coming up in December so hopefully the weather will be kinder to us this year. Hope to see everyone in Taree !

National Show planning is well underway with our confirmed start date of Thursday 8th April. Paint Horse have the venue at Easter so we have to wait for them to finish before we can bump in. We won't be able to arrive prior to 6th April. All parking, camping and stabling will be managed by IMHR this year. We would really like to hear from anyone who would like to help out the Committee at the Nationals ! By all accounts it will be bigger and better than last year. Show Premium will be available shortly. Keep an eye on the website for details.

Regards, *Leanne Williams*
President IMHR Inc.



2009 AGM Results

President: Leanne Williams
Vice President: John Bellette
Treasurer: Marie Bimr
Committee 1: Kerrie Pendred
Committee 2: Desley Rumpf
Committee 3: TBA

Resolution 1 - Passed
Resolution 2 - Passed
Resolution 3 - Passed
Resolution 4 - Passed



More details in the next issue.



Whispering Breeze Miniatures

Shangrila SE Grand Edition

Whispering Breeze
Silver Illusion



Standing at stud
IMHR, AMHA & MHAA registered

Adrian & Leonie Boehme
02 4829 2209 or 0412 301 811

∴ Stock now available ∴

www.whisperingpines.net.au/whisperingbreeze.html



Photos from recent shows

For full results on these and other shows, please log on to our website at www.minihorseinfo.com or visit the PowerBoard



IMHR Wide Bay Regional Show (Maryborough) Qld
Supreme Miniature Exhibit Bogart Park Chrysta - A Hewlett
Photo Mellisa Bates



IMHR Wide Bay Regional Show (Maryborough) Qld
Supreme Small Horse Exhibit Kildaire Lillypilly - M Odger
Photo Mellisa Bates



Warrumbungles Sub Branch APSB All Breeds Regional Show
Supreme Overall Led Miniature Exhibit
Supreme Future Stars Junior Miniature
Champion Best Coloured Overall Horse
Crystal Park Monarchs Sienna Summer - R & P Blinkhorn

Why don't you send us your
show results?

Have your horse here for all to
see and admire.

Please send your high
resolution photos to the editor
for inclusion in future issues of
your magazine.

We would love to see them!



Congratulations Spellbound Hocus Pocus
& Ashlee Peet
for achieving the first 2 levels in National Hi
Point Performance
Hokey Pokey has achieved Ruby and
Sapphire



Must have been hard work Ash!





2009 Christmas Raffle

Help send our new 2010 Aussie team to NZ to win back the ANZAC Challenge Cup !



2009 Team

The ANZAC Challenge is a friendly competition between Australian and New Zealand exhibitors. Teams consist of three adult and three youth competitors.

They compete in handler and performance classes with randomly selected horses.

Individual points are awarded in each event with the total team score deciding the winner.



First



Second



Third



Independent
Miniature Horse Registry Inc
www.minihorseinfo.com

All funds raised go to support our Australian team
Tickets are \$2.00 each and available from IMHR c
by calling 02 4844 6393.

IMHR thanks you for your support of our team !

DRAWN 18th DECEMBER 2009





Amazing Miniature Horses



Best Wishes To All For 2010



PROBLEMS OF THE BROODMARE

(continued from Issue 16)

Are there any good reasons for aborting a foal and when can it safely be done?

The reason mares are difficult to get in foal after human intervention is related to abortion and its problems, as discussed above. It is never completely safe unless performed before implantation has occurred.

There are very few 'good' reasons to abort a foal after 80 days; prior to this time, the effects are less traumatic and may be managed with slightly less risk.

All the nursing, post-operative care and drugs needed for a bad case of retained placenta have to be applied to induced abortions between 90 and 320 days.

Is it difficult to transport horse semen and is its use in AI successful?

There are two types of transportable horse semen - chilled and frozen. Chilled semen from fertile stallions remains fertile for at least 24 hours and up to 36 hours after collection and processing in highly fertile stallions. Results are excellent and equal to natural service.

There are problems, however. The mares must be inseminated on or about ovulation and the semen has to be transported by road or air, usually half way across Australia. This is usually the greatest problem - synchronizing travel arrangements, collection and the mare about to ovulate within 24 hours. It is successful but gives lots of people lots of hassles and, because of this, can be expensive.

Frozen semen. The technology is still not very good and at best it is only 40% fertile. The mare has to be palpated twice or more times daily and inseminated within 6 hours of ovulation – very frustrating, expensive and not to be recommended lightly until fertility figures improve. More research is required into the freezing of stallion semen.

Both these techniques are still unable to be legally used in thoroughbred mares.

What sort of mares benefit from embryo transfer? Is it successful?

Young high performance mares that do not want a year off to carry a foal are ideal donors for embryo transfer (ET). The embryos are viable, the mares fertile and it is highly successful.

Many people try to use ET to salvage old mares that won't carry a foal normally, either due to early abortion, infection etc. Well, the mare has to conceive, the semen has to pass through the lumen of the uterus, and so this has to receive a lot of attention in old mares. Provided fertilization occurs and the embryo returns to the uterus on 6th or 7th day, the uterus has to be receptive, or it kills the embryo. Or due to the old mare, the embryo is fragile and will not stand the transfer.

Success is related to the viability of the product. Young mares are likely to be very successful whereas old mares require time, treatment, and patience. There are high financial rewards if a live foal can be produced.

Is it possible to tell from a mare's size and conformation whether she will carry a foal easily?

A normal well-developed mare with good bone structure that conceives to a normal sized stallion of good conformation rarely has trouble foaling. Over fat, under-exercised, lazy mares often are responsible for some foaling troubles.

Sires that have large foals are another problem.

Viral diseases like Akabane virus and Ross River virus have been blamed for contracted joints and

excess grain feeding can cause bent-legged foals at birth.

What services do vets offer to help achieve maximum fertility?

Every reproductive practice has good services to offer, which cover entire health programmes for your breeding stock and these usually can be tailored to suit a particular need. Full and open discussion with your veterinarian BEFORE the season is a very wise move, as this sets the scene before the action begins.

Elaborate tests and apparatus are available but, unlike the medical profession, we do not have Medibank or Medicare and these tools have to be provided either by the veterinarian or the horse farm. Consequently, where horse numbers are low, veterinarians cannot afford the luxury of expensive items like ultrasound scanners. Unfortunately, cheap models are available, but with these, while they often detect pregnancy, it may be as late as 30 - 40 days and may not be powerful enough to detect abnormalities, such as cysts, twins or uterine fluid.

A good talking relationship with your veterinarian will be to your mutual benefit.

That is the conclusion of the articles 'Problems of the Broodmare', we hope you have enjoyed them. We look forward to bringing your more reference material in future issues.



Silver Oak Miniatures

www.silveroakminiatures.com
Currawang NSW
Ph: 02 4844 6393

... Paris

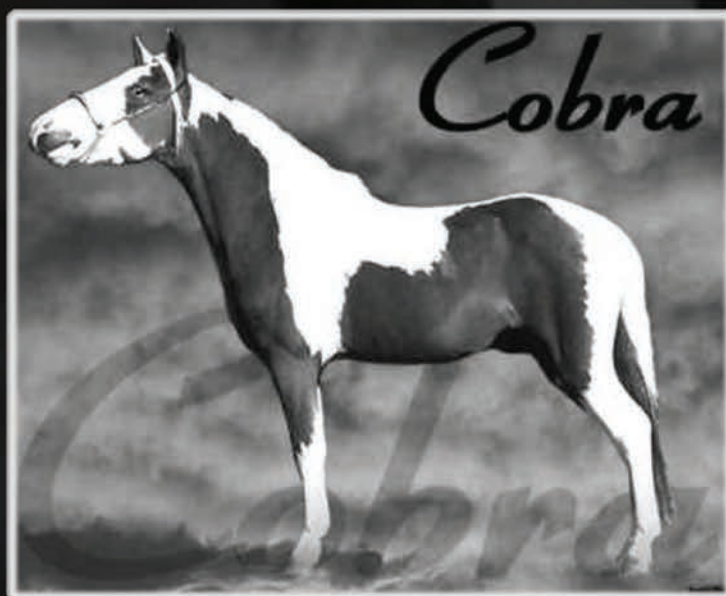
... Nikki

Introducing his first foal crop....
more photos and information available
on our website

QLD State Grand Champion & Multi Supreme
:: Pint Size Tanzarmani ::
(Photo: Horses and People)

HOWLING WOLF RANCH

Home of Circle S Bright King Cobra USA IMP
Breeding correct and coloured miniature horses.
Sire of ribbon winners and a national champion himself.

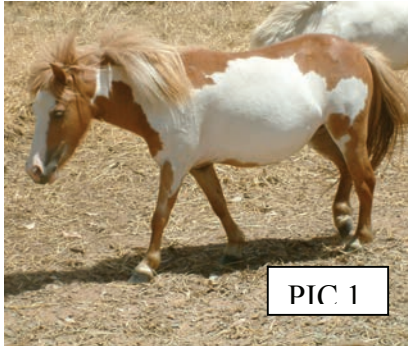


COMING SOON:
NEW STALLION AT HWR AND COBRA HITS THE SHOW RING

If you want colour and type Cobra is the horse for you.....
www.howlingwolfranch.com howlingwolfranch@yahoo.com

Frame

The name 'frame' describes the usual appearance, which looks like the horse has been "framed" in colour. It is white patches centred in the body and neck, framed by coloured areas, leaving the topline, tail and legs coloured. The head often is marked by extensive white. Blue eyes are common even if surrounded by areas of colour. Overo can occur with any coat colour. Frame overo horses can range from mostly white to minimal white individuals.



Pic 1 at left. Frame overo, with solid legs & typical "framed" appearance.

Frame overo must have at least one parent carrying the frame overo gene. Nearly all white frames exist known as 'medicine hats'. These are overo/sabino or tobiano/overo crosses. Some believe blue eyes are only present in frame if the sabino gene is also present.

A frame overo will always have four solid legs unless another 'white' gene is present i.e. sabino or splashed white.

Breeding frame to frame may result in a white foal which will die soon after birth due to the lethal white genes linked to the frame overo gene in its homozygous form. Research shows that all frame overo horses carry the gene for lethal white foals. A test is available to determine if a horse carries the lethal white gene (LWO). It is safest to never breed frame to frame.

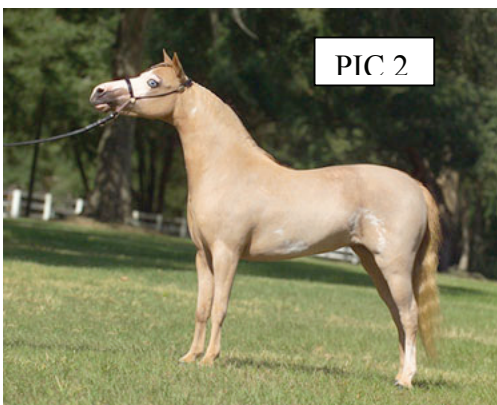
So-called "crop-out" coloured horses from solid parents in reality show that either the sire or dam are minimally marked sabino, splash or frame overo. Horses may, & often do, carry both frame and sabino genes.

SABINO

In general, sabino is a generic description for a group of similar white spotting patterns. They are the result of the sabino pattern of white on any base colour. Typical markings include include high white stockings on all four legs, often extending up the legs with jagged edges (even socks/stockings suggest Splash), roaning at the edges of white markings, "lacing," and white patches on the lower barrel that may extend to the flanks. This roaning may not be present at birth, but can develop as a horse matures.

Sabino's are well known for having extensive white facial markings, from a large blaze to "bonnet", "apron" or "bald" faces. There is most commonly white on the chin and/or lower lip. They often will have mottled skin. Most consider blue eyes to be a characteristic of the type.

Sabino is now known to be due to several different genes. This would account for the variability of expression in sabino horses- why some are roany, some have crisp markings, and still others have jagged edged, irregular markings. So, a horse might express just one of the sabino complex genes, a combination, or all of them. Eventually, all of these genes may be located by geneticists and given new names, but for now they are all collectively lumped under the "sabino" label.



At this time only one of the sabino complex of genes can be tested for, Sabino1; so just because a horses tests negative for SB1 it does not mean they are not sabino.

Typically in the heterozygous state, i.e. one copy of the Sabino1 gene, the



sabino coat pattern usually involves a horse having two or more white feet or legs, often with white running up the anterior part of the leg, an extensive blaze, spotting on the midsection, with jagged or roaned margins to the pattern. See Pic 2 above left. Sabino (also carries frame) Note the white chin and "roaning" on underbelly and flank. Unusually this sabino filly has 3 solid legs because of her frame gene.

The addition of white hairs in the mane and tail is one of the sabino characteristics; it is "sabino roaning" that is located in the mane and tail. See Pic 3 on previous page. This mare carries frame overo, but could possibly also

Continued page 20...



News From The Hunter

Hunter Valley Regional Appaloosa Club held their first Show for the 2009 - 2010 Season

Wow what a day 67 Horses in total. 22 + were miniatures WOOHOO!!

It was wonderful to see some new faces, a big welcome to Sharon, Jaydon, Karen, Shane, Sam, Cathy, Dianne and Jamie.

Renee from Anyssa Park attended as well with her stunning filly Anyssa Park Rowdy's Swan Song, placing 1st in the small horse filly under 2years. She is the last foal from the Stunning La Vista Rowdy Remark (IMP) sadly deceased.

Champion Miniature Spellbound Hocus Pocus Reserve Chevelier Park Blue Print

Champion Small Horse Halfmile Laella Reserve Weebelong Shiners Nightcap

Champion Little Horse Fantasy Farm X Rated Reserve Spellbound Shooting Star

Fantasy Farm X Rated went on to win Supreme.

Well-done Debbie Meyrick

Jnr Youth Showmanship was won by Dane Peet and 2nd Claire Gilroy, they were up against some stiff competition against 3 very large Quarter Horses they both did the miniatures proud.

Jnr Miniature Trail won by Crystal Park Wind in the Mist

Snr Miniature Trail won by Spellbound Hocus Pocus



Dane with Unique Park Peek A Boo

Upcoming Shows

29 November 2009 HVRAC 'A' SHOW

27th – 28th February 2010

2-Day show includes jumping events

Hi Point jnr and snr horse over 2 days Sponsored by IMHR

Hi point jnr and snr youth Sponsored by IMHR

Contact Donna Gilroy if you need any more information
donnamaylea@netcentral.com.au

Programmes can be found here: <http://hvrac.com/> There are a limited amount of stables so if you intend to come along please book them early through the HVRAC Website. There is an online entry form you can use. Miniature Ponies have been added to the new programme which can be downloaded at the HVRAC website. Also new to this years programme is miniature Longreining and all jump classes will ONLY be held at the 2-day shows.



One of Scouts Fans



Some New Faces at Lochinvar





Centaur Stud

Forging the Key to Your Future



2009 Show Season so far:



Centaur Stud & Coolaroo Stud have had a very successful show season, taking a Supreme Exhibit at every show we have attended. Not an easy task as we have had a high standard of horses & handlers to compete against.



A BIG thank you to everyone in the ring, breed associations & show committees who have given their time & made the effort to raise money to put these shows together.

Stud News & Future Breeding Seasons:

In our last advert we mentioned that we would be offering some new innovative stud deals. In conjunction with Centaur, Coolaroo & Rapidash Studs we have put together a selection of imported & Australian stallions with a mix of top breeding lines that will stand at Centaur Stud. This means breeders will have a large selection of quality stallions to select from in one place. The breeding program we have put together is to assist breeders & make it more affordable to send their mares away to stud.

Breeding Program Offered:

Mares are sent to Centaur Stud for two breeding seasons or more.

Each breeder pays a stud fee to the stallion of their choice (all stud fees carry a live foal guarantee). Agistment cost for each mare will be \$320.00 a year this includes feed, vaccinations, hoof trimming, drenching & foaling down of the mare (note: any emergency vet cost will be up to the owner). Resulting foals will be handled & imprinted at no cost to the owner, foals will be weaned at four months ready for sale or shipment to the breeder.

Centaur Stud will also show any resulting foals at cost price to the owner.

Stallions Standing at Stud for the 2010 Season:

- | | |
|-------------------------------------|---|
| ❧ A F Black Majesty (imp USA) | ❧ Aloha Acres Prince of Thieves (imp USA) |
| ❧ LTD's Strange Magic (imp USA) | ❧ Bluegables Rowdy's Keepsake (imp NZ) |
| ❧ MRF Dreams Chivas Regal (imp USA) | ❧ Cascade Chrombes Eldorado (Aus) |

NOTE: Ads have been placed for these stallions in the last magazine & in this edition see over...



Black Majesty



Stunning Arabian Type 32" Miniature Stallion (Imp USA)

Now in Australia



Time & time again Majesty has proven himself by producing small refined Arabian type miniatures. His progeny purchased by studs all over the world, Germany, Spain, France, England & America.

🌀 Stud Fee: \$2600.00 🌀 Foals due this season.

Owned & imported by: Centaur Stud (NSW)

Phone: 0428 653 206 /centaurministud@bigpond.com

Below is just a small sample of Majesty's progeny.



Mature Filly
only 28"





Cascade
Chrombes Eldorado

Impressive, refined 36" Overo stallion.



Clipped winter coat, recent photo.

- ✧ Multi Supreme Champion.
 - ✧ American & Australian bloodlines.
 - ✧ Breeding small refined, coloured foals.
 - ✧ Stud fee: \$1000.00 ✧ Progeny available.
 - ✧ Owned by: Centaur Stud (NSW)
- Phone: 0428 653 206.
 Email: centaurministud@bigpond.com



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All other photos taken in full coat



Centaur Stud

Forging the Key to Your Future



Blueables

Rowdy's Keepsake ^{imp}

MHAA Multi National Grand Champion.
Now standing at Centaur Stud, breeding till
February 2009 don't miss out. Bookings also
being taken now for 2010 breeding season.
Stud fee: \$1500.00 / fee includes agistment.

Owned & Imported by: Michelle Newell



33" of Refined Elegance



Crannage Fire Cracker

As a baby he was divine, as a mature stallion he is just magnificent.
Multi National Grand Champion in halter & at liberty.
MHAA Miniature Horse of the Year.



Merry Christmas & Happy New Year

We would like to wish all a Merry Xmas & prosperous New Year.
A very special thank you to our clients, associations and studs
who have supported us throughout the year.

For any information contact us on Phone: 0428 653 206

Email : centaurministud@bigpond.com





We are 'kicking' butt this season with some really beautiful foals. If you would like to see your little treasures here, please send high resolution jpegs to the editor by February 1 in time for the next issue!



Pioneers Rest Apache



Coomba Midnight Gambler



Cra-Mer Park by Buck



Anyssa Park Merlin the Magician



Cra-Mer Park by Imanozy Buckaroo



Waya Lilai Man in the Mirror (right) and Waya Lilai MJ's Moon Walk (left)



Forget Me Not Orions Shamelessly Happy



Waya Lilai Red Warriors Blanket



Minimania Pharoahs Lil Empress



Minimania Thats Me Boy



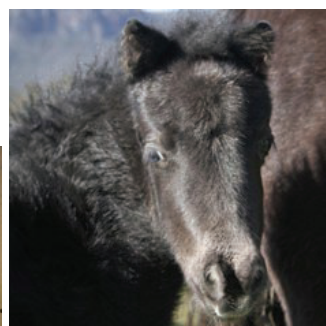
Elbar Lacey Lady



Jedarras Lucky Charm



Howling Wolf Ranch Rowdys Dark Diva



Alkina Winter Moon



Alkina Sunshine's Pride (left) and Alkina Winter Moon (right)



Lyle Park Shonfay's Magic Shadow



Minimania Sacred Lady



Larapinta Eagle Rock



Crystal Park Knights in Sexi Sox

carry sabino as she has white hair in the roots of her mane & forelock and a distinct pattern of white hairs on her R) upper flank, as seen in this photo.

A minimal sabino may only have as little as one of the traits associated with sabino horses. In the homozygous state, i.e. carrying 2 copies of the Sabino1 gene, the white often covers greater than 90% of the horse's body. This is referred to as sabino white.

These sabino horses with the maximum expression of the pattern are nearly all white, but usually retain a small patch of their base colour on the ears or along the topline. Sometimes there is no coloured hair, just coloured skin showing through white hair. See Pic 4 below left - Sabino white mare. Note the mottled black skin on her chest. This black pigment would not be present if this horse was a Cremello or Perlino. (She would have all pink or pumpkin coloured skin.) This mare was born with coloured ears only, which have "roaned" out.



Quick Facts

- Sabinos are regularly classified with overos. They are also often confused with roan. However sabino is genetically distinct from both overo and roan, and is caused by different genes.
- Sabino occurs in many breeds. Clydesdales are exclusively sabino, though the markings may be limited to white face and leg markings.
- Minimal sabino may occur as roaning, speckled areas or larger white patches. They may only have a star, chin spot and/or a low jagged-edged sock.
- Minimal sabino is a common source of so-called "crop-out" loudly marked horses from supposedly solid-coloured parents.
- The addition of sabino has proven to increase the chances of obtaining a loud coloured foal, and, since neither a minimal or extreme sabino carry the Lethal White gene, they are a valuable way to safely increase a breeder's chance of high white in their breeding plan with frame or splashed white overo.

SPLASHED WHITE

Splashed white or splash is a horse coat color pattern that produces pink-skinned, white markings. See Pic 5 below. These white markings are smooth edged and spread upwards from the horse's underside. The horse looks as though it was dipped, feet-first, with head down, in white paint. They often have a white or white-tipped tail. Splashed white must have at least one parent carrying the splash gene. Blue eyes are a hallmark of the pattern, and Splash may account for otherwise "solid" blue-eyed horses.



Pic 5. This splashed white has the distinctive mask-like full white face, blue eyes, stockings, partial white tail and belly splashes.

Horses without excessive white markings can still have the potential to produce "high white" or distinctly coloured offspring. Splashed white horses are especially well-known for producing generations of "solid-like" horses, followed by an errant, classically-marked splashed white. The most minimal expression of the splashed white pattern can include just a snip and/or hind coronets, sometimes only a single blue eye. Often horses that are thought to be "solid" have lighter areas of hoof horn visible only when their otherwise black hooves are viewed from the bottom. This is thought to be a white marking that simply did not extend up onto the limb. Tiny snips of no more than a few hairs are

frequently missed, as well.

When only minimal markings are present, a few qualities can suggest splashed white. Stars and snips may lopsided, off-center, or otherwise strangely placed.

Blazes are usually straight-edged and bottom-heavy; in contrast, sabino blazes are often hourglass-shaped or tapering with feathery or jagged edges.

Sabinos with a bold blaze almost invariably have white



Continued next page...

on the lip or chin, and this is not the case for the facial white of a minimally-marked splash; the upper lip typically remains colored.

Leg markings in a minimally-marked splashed white range from hind coronets to high-whites on all four, or marked hind legs and unmarked forelegs, while sabino leg markings are often tapering with distal patches, the leg markings on a splashed white are crisp but "straight across" or blunt.

The most reliable identifier of the splashed white pattern is one or more blue or parti-colored eyes.

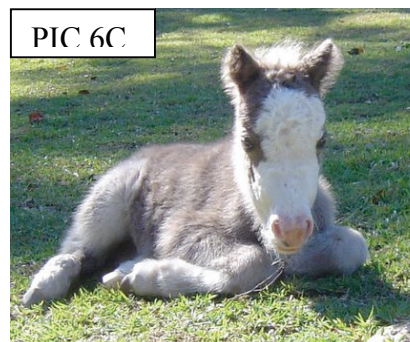
The consistent appearance of blue or partial blue eyes in a family or bloodline is, at this point in time with no test for splash available, our "best guess" that splash is present in a given individual.

Who would have picked this mare as a minimal Splashed White? (See Pic 6A & 6B at left).

But note the 'bottom heavy' snip with no chin white and even hind socks. This mare has just produced what appears to be a Splashed White foal – Pic 6C below. Apart from the bald face, she has one blue eye and one even hind sock.

It is likely that many splashed whites go unidentified, whether because their markings are too minimal to easily identify, confusion with sabino, or the confounding effect of multiple white spotting patterns. These effects also likely account for the apparent lack of homozygous splashed whites, as suspected homozygotes can still produce unremarkably-marked offspring.

It seems likely that splashed white is the result of an incomplete dominant gene, ie dominant with variable penetrance, with homozygotes exhibiting the characteristic splashed white phenotype. (Phenotype is the actual look of the horse).



Getting a splash gene from both parents is thought to result in a full-blown (homozygous) expression of the splash pattern. See Pic 7 at left.

Mare is incomplete splashed white, her sire was a loud splash and she is the dam of the above black mare. She has one partial blue eye, blaze but no chin spot, and hind socks (note...both socks are fairly even, not jagged). Foals sire is splashed white.

Some theorize that there are genes that restrict expression of white, even when the genes for a white pattern are there and conversely, some experts believe the degree of expression of splash is intensified when another pinto pattern, like sabino is present as well.

This is something I have definitely noticed myself when breeding my splashed white stallion to sabino mares.

FRAME/SABINO

Horses carrying both frame and sabino genes can be expected to show characteristics of both patterns. Frame alone is not responsible for white leg markings, a frame-sabino blend might have frame body markings and white markings on the legs.

Blue eyes in a frame suggests to many the presence of sabino, particularly if white is also present on the legs. Frame in conjunction with sabino &/or tobinao pinto can produce the "medicine hat" pattern, where only the ears and poll and sometimes the topline may have pigment.

SPLASH/SABINO

Splash-sabino blends will have characteristics of both patterns, such as jagged patches and roaning, blue eyes and blocky white markings.

In horses which minimally express both, accurate identification can be very difficult, and without a DNA test for splash, is primarily conjecture.

TELLING THE DIFFERENCE

Sabinos with a lot of leg white will generally have white lower lip/chin and bottom heavy snip, while splash are more likely to have a full white head or solid bottom lip or chin.

Continued next page....

...continued from previous page

Sabino leg white generally comes to a point at the front of the leg, not blunted off like Splash. Minimally marked sabinos are not generally confused with frames since sabinos are characterized by the presence of white on the legs, while frames have dark legs.

A tail that is white from the bottom and solid on the top half near the body will always determine a horse carries Splashed White. Neither sabino, frame nor tobiano pinto will show this pattern on their own. I have seen several breeders call their horse, with a white dipped bottom of their tail, a sabino. These horses are obviously splashed white. Of course they may carry sabino as well.

It is also difficult to determine, when horses have only a small amount of patterning, just which overo pattern is present.

In the case of minimally marked frames, the gray area tends to be with those horses that have a lot of facial white and one or more blue eyes.

Horses such as these could be minimally marked frames or splashes; the only real test is to look at the ancestors or offspring. Splashes will tend to very reliably pass on their blue eyes from generation to generation, whereas the presence of blue eyes in frame overos is more sporadic.

REFERENCES

This article written by Gayle Donaldson of Atlanta Stud and she says -

I hope this article was of some use to Overo breeders or even those just interested in these fascinating patterns. There is very little current colour research available re these patterns. The only new research has been the "accidental" finding of the sabino1 gene while researching 'high white' in tobiano pintos.

If you have a colour you would like discussed in an upcoming issue, please send a request in to the MHQ editor.

Next article we will address the Champagne dilutes.

Much of this information is sourced from website www.morgancolors.com with kind permission from Laura Behning

As well as these sites:

www.EquineColor.com.

The Colourful World of Paint & Pintos by J. Piercy on IRC website.

Glynis Scott at www.horse-genetics.com

www.sabinohorseregistry.com

And book:

Horse Color, by D. Phillip Sponenberg, DVM, PhD and Bonnie V. Beaver, TX A&M University Press, printed in 1983



Upcoming Events

21st & 22nd November	Miniature Horse Judging Clinic (Wayne Hipsley) @ Beacons field VIC (Agenda & booking form online)
4th – 6th December	NSW State Championship Show @ Taree NSW (Program & entry form online soon)
6th December	2009 NSW All Breeds Youngstock Show - Hawkesbury Showground
8th – 11th April 2010	IMHR National Show @ Tamworth (Show Premium online soon)

If you have events or activities in your area that would be of interest to our members, please advise our Secretary. Also, if you would like to have events or shows in your area, you need to contact our Secretary. If there is enough interest we can run Feature Shows in all areas once we have the support.



IMHR QLD STATE CHAMPIONSHIPS



SHOW

GALLERY

PHOTOGRAPHY BY TRACEY BAVINTON
WWW.HORSEPHOTOGRAPHY.COM.AU

For all the details of this show - please go to our website www.minihorseinfo.com

Training for Performance – Naturally Part 7

LUNGEING

This is a hard one to put into words so here goes.

Firstly you need to get rid of the old school concepts. Hitting their behind to make them go forward, the horses drive line is from the shoulder up so if you want them to go forward and around you that is where you need to focus your energy. Also I would recommend a round yard.



There are 3 steps when starting

1: Lead the nose of your horse in the direction you want to go, lift your hand the one with the rope in it up to shoulder height and out until your arm is straight and to the side of you

2: Place the same leg as the arm in the same direction so you look like your are doing a ½ star jump

3: Lift your communication stick up with the other hand and point toward the shoulder you will probably have your horse going by now if not a light tap with the string on the shoulder. When they are going stick and hand down immediately. They may only go ½ a circle but that's good enough just repeat the same thing. You will find foals and some horses will rear up this is natural just STOP calm them then ask again.



Ok now you have your horse circling, how do I stop them????

Remember how you learned to get your horse to turn and to face you

Yep, bend toward the rump if they are not paying attention stay in the bent position & slight pressure on the nose when they turn stand up and smile. Now try the other direction.

Regulating gait

Speeding up: Lead out ask for a walk if they tear out at a frightening speed wiggle the rope slow them down bend to stop them and ask them to go out again, they soon get it. You may need to do this several times.

Now your horse is happily walking around you, ask them to the trot same as when you start lift your hand up and out you can say trot if you like or click them up if no trotting lift the stick same as when you start and slap the ground in the direction of the shoulder NOT at the rump, remember when they are doing what you asked hand and stick down. It's like putting yourself in neutral once they are confident at this speed (that may take a few days or more) ask for the canter this is where a lot of horses loose it, they can stop completely, pull away of just flip themselves over. Just stop and reassure them then try again this is the stage I have found the round yard very beneficial stops them pulling you off your feet and I have found they feel more secure in the yard. You can progress outside the yard when you feel you both have the confidence, by this I mean your horse is going from a walk to trot to canter and back again, stopping on the slightest body bend, going out at a walk and not fast. Slowing down: just a slight wiggle on the lead, you may have to get a bit more of an assertive wiggle but don't rip or pull on it keep doing this until they come back to a trot or walk depending what speed they were at. Remember when they slow down STOP all wiggling.

Never do anymore that 4 laps in one direction you will end up with a very bored robot, keep changing things gait, direction, stop, start, keep their mind working ☺, wondering what you will do next.

Later add in small hurdles even trot poles a tarp for them to go over let your mind go wild with fun things to add, Note always make sure what you use is safe for your horse.

*Something out of the ordinary
Something special
Something to remember*

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Notice to Members

With the increasing number of registrations and transfers being received at the office, it becomes even more important to ensure that your paperwork is completed correctly and completely to speed up processing.

To assist with this, we have put together a handy reference guide to help you and give you useful tips to ensure that you have given us all the information we need.

The information is on the website **www.minihorseinfo.com** on the **FORMS** page. Please read this carefully and hopefully a lot of your questions will be answered. Do not hesitate to contact the Secretary if you require assistance.

Any incomplete or incorrect paperwork received at the office will incur a reprocessing fee.

Remember - do not email the office with your information - please print it and put it with your membership or registration paperwork. Due to the volumes, it is impossible for us to keep matching up the paperwork for you. You don't need to email us to tell us in advance that you have paid - just print the receipt and put it with your paperwork and post it in together.

Thank you all for your cooperation - it is very much appreciated.

Member Article

Founder and Laminitis

A Story about my Miniature Horse Tinkabell

I want to tell you a story about my miniature horse Tinkabell who has suffered founder off and on for the past 2 years. Every time I got her in foal she would lose it at about 3 mths and most of the day and night she lay or sit down in the stables. A couple of times she had been in so much pain I thought I would have to put her to sleep, as I couldn't see her suffer any more.



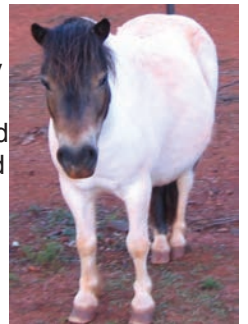
I'd ring the vet to come and see her, to see what he could do and he would tell me to give her Bute it will help her pain, and it did but how many times do you have to do this as too much is no good for her and it doesn't fix the problem. I'd lock her up at night and didn't let her eat any thing but oat chaff and give her minerals. Then one day a friend told me a story she had read about a miniature horse that founders just as bad as Tinkabell.

I read the story and I couldn't believe it. I thought since I had tried everything else I would give it a go.

I got in touch with Belinda and told her what was happening to my little one - Belinda sent me some forms to fill in which I did and sent them back to her. Within 4 days Belinda sent Tinkabell Natural Solution and she said Tinkabell should be fine within 3

days.

Well I couldn't believe it by the 2nd day she had improved so much it was incredible and by the 5th day I let Tinkabell go with the other mares. She was bucking, cantering and going on as though she was a young filly again and Tinkabell is still in foal so everything is going good. It has been 11 weeks now and she is getting better more and more every day. I still lock Tinkabell in the house paddock of a night and she gets oat chaff, copra, herbs, minerals, and I let her graze with the other mares of a day. Tinkabell could never do that before even eating a little bit of grass would have her laying down in her stables. If anybody has any horse that has Laminitis or Founder don't hesitate - please do give this a go, my Tinkabella has never looked back and it really does work. I'm so thankful to Belinda Atkinson.



Kind regards

Geraldine Peters

If anyone has any questions about this article and the treatment of Tinkabell, please contact Geraldine on algera01@exemail.com.au and I am sure she would be happy to give you more information. Editor.

Classifieds

Whispering Breeze Miniatures

www.whisperingpines.net.au/whisperingbreeze.html

Stud Reduction Sale!

Shangrila RE Pharlap

Red Chestnut Stallion

DOB 25/10/06

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Shangrila SE Rising Star

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DOB 10/09/06

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Dam: Shangrila DG Pretty Woman

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Whispering Breeze Miniatures

www.whisperingpines.net.au/whisperingbreeze.html

Stud Reduction Sale!

RNP I'm No Angel (PET ONLY)

Black Pinto Filly

DOB 23/10/08

Sire: Shangrila NR Born To Win

Dam: Shangrila Mystique

MHAA Reg

\$550



Whispering Breeze Miniatures

www.whisperingpines.net.au/whisperingbreeze.html

Stud Reduction Sale!

Pint Size Forget Me Not

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Members, please be advised that all horses must hold IMHR Inc. registration if they are advertised in this magazine.

IMHR Website

If you find that there are broken links or errors on the site, would you please report this to Brenda on silverstarmini@bigpond.com If you have any other requests, please direct these to our office on info@minihorses.com.au

DEADLINES FOR MINIATURE HORSE QUARTERLY

The deadline for advertising, articles etc is clearly written on the first page of the magazine above the Table of Contents. Please note this and have all your information to the editor **BY THIS DATE**. Please also have all inclusions **PRINT READY**, the editor will not be proof-reading, altering and/or retyping any inclusions, they will be printed as received. Thank you for your efforts. If you do not have the facilities to create your own advert, IMHR office offers a design service, please contact us for details.

REQUEST FOR SPONSORSHIP

We have been getting many requests for sponsorship of open agricultural shows.

We now require a form to be completed for all requests to enable us to ensure we are tracking this sponsorship and that it is fairly distributed.

The forms are now available for download from the website or you may request a form from the office. You must be a current financial member to request sponsorship.

Please note: be aware that even though IMHR may sponsor classes at a show run by another organisation, we do not assume jurisdiction in the event of a protest. You must follow the rules set down by the RAS, RNA or Show Society running that show. If unsure, please check with the Show Management or Show Secretary at that show.



Reminder!



We can't find you if we don't have your correct or current details!

If you have changed your address, email or phone number please let us know.

It is up to you to keep us updated, please take the time, it is only you who will miss out if you don't.

If anyone has any interesting articles they may have read or written and would like to share with other members, please send them to the editor on minifarm@tpg.com.au to be included in future issues.

These could be health issues, natural remedies that are tried and true, foaling anecdotes or tips, show tips, breeding tips or something similar. Whatever you think may be of help to another member or a new person into the industry - send it along.

Let's share and help one another if we can.

If any of the articles are not written by you personally, can you make sure you have permission for us to re-print them in the MHQ and give us the details of the author so we may give credit. Thank you.

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Colour Competition Results!



Winner of the 0-8 years section is
Amanda Cherry of Coonabarabran NSW



Winner of the 9-17 years section is
Dylan Howarth of Caboolture Qld

Congratulations to both winners!!

They will each receive \$20 Gift Certificate supplied by Wholesale Horsewear House Toowoomba QLD. If you would like to take part in the next competition, keep an eye on the website www.minihorseinfo.com under 'Competitions'



Atlanta Thunders Silver Lining



Nickurra Just A Sensation



Sputniks Mr Cassanova



Poco Clavo's Golden Touch of Magic



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Nickurra Im Smart N Ready



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'Pancho' bred by Painted Miniatures



Unnamed Colt Algera Miniatures



Spellbound Perfect Harmony



Spellbound Lady Cinemax



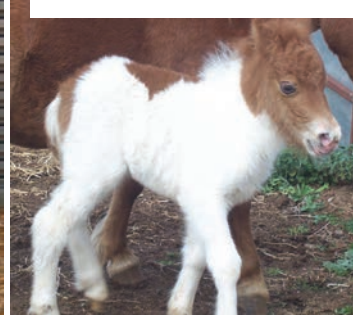
Larapinta Sweet Prince



Anyssa Park Flash from Heaven



Lai Lai's Impressive Review



Castrawes Ellsangel



Thank you to all the members who have sent in their foal brag photos...we have had such an overwhelming response all of them couldn't make it into this issue, but they will certainly be in the next one! They are such beautiful babies you should all be very proud of them! Well done!

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