



All India

MARWARI

Horse Society



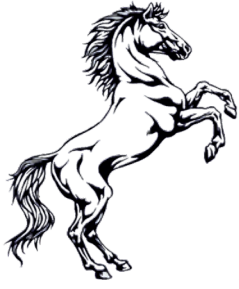


RANIA STUD FARM

AMANDEEP SINGH GILL S/O S.SARDOOL SINGH

V.P.O RANIA, TEH NIHAL SINGH WALA, DISTT MOGA 142001, PUNJAB

SUNNY 9815000303 | S.SARDOOL SINGH 9803239625



NOOR GARH STUD FARM
MOGA

• **GOLDEN ROCK** •



Proprietor:

Sunny Gill,
(98140-77486)

Noor Gill,
(70500-00060)

Honey
(99147-40969)

Marwar Studs



Photo: Raj Kirti (Mare), Marwar Stud



BALSAMAND LAKE PALACE, JODHPUR
Tel: 91-291-2572321



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2022

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HIS HIGHNESS MAHARAJA GAJSINGH II
JODHPUR - MARWAR
FOUNDER, PATRON-IN-CHIEF



H.H MAHARAJA GAJSINGH II
MAHARAJA OF MARWAR-JODHPUR

UMAID BHAWAN PALACE
JODHPUR 342006

It is good to see the Souvenir 2022, back in the saddle after the lull caused by COVID.

I wish to extend my appreciation for those who are dedicated to breeding and rearing this beautiful indigenous breed; despite the many hardships induced by the Pandemic, it is heartening to see that the love and popularity of this majestic breed has only increased over time.

The aim of the All India Marwari Horse Society is to promote and preserve, I am happy to note that the Society has done its job well from almost at the brink, the Marwari is now one of the most popular breeds among Indian horse lovers. Apart from being a popular show breed, the Marwari has to and is making a name in equestrian sports and events - Hack Riding, Show Jumping, Dressage, Tent Pegging, Endurance Ride etc. or to be used in Mounted Services. The Marwari is making its stride and with the help of all its supporters, the breed is now spread across all of India.

The stellar efforts of the Society are further strengthened by the Equestrian Federation of India, the Ministry of Animal Husbandry (Government of India) and the Indian Armed Forces & Remount Veterinary Services (RVC). All this collaborated effort has reaped benefits in the field of scientific research & study that will ensure a safe, healthy future for the Marwari Horse.

I wish the Society, the Breeders, proud Owners of the Marwari, all the very best and wish to see this native breed reclaiming its rightful place in the equine order.

H.H. GAJSINGH II
Maharaja Of Marwar-Jodhpur
Founder Patron
All India Marwari Horse Society
Marwari Horse Stud Book Registration Society of India



HRH THE DUCHESS OF CORNWALL
Patron of the All India Marwari Horse Society



As the proud Patron of the All India Marwari Horse Society, it gives me great pleasure to introduce the 2022 Souvenir and Annual.

The Society has done wonderful work to preserve the Marwari Horse, a breed famous for its loyalty and courage that was the pride of the Indian Cavalry in Europe and Palestine during the First World War. I was delighted to learn that the Marwari Horse Stud Book Registration Society has now registered 2,147 Marwari Horses that conform to the true breed standards.

This must be immensely encouraging for the Society as it strives to bring back these beautiful horses from near-extinction to take their rightful place in sporting and ceremonial life. I wish you all an enjoyable Horse Show in March, and continued success for many years to come.

Camille



YUVRAJ SHIVRAJ SINGH

UMAID BHAWAN PALACE
JODHPUR 342006



My sincere congratulations to the All India Marwari Horse Society, it's committed team of office-bearers, volunteers & breeders far & wide; for bouncing back after the Pandemic with not only a wonderful souvenir as always, but a very successful Horse Show as well.

I know how difficult it has been to keep going through these difficult times. One can only hope we have ridden the storm and are through it. It is imperative that we are able to hand the reins of our beloved Marwari intact to our children.

With my best wishes,

Yuvraj Singh

Yuvraj Shivraj Singh
CHAIRMAN
All India Marwari Horse Society

Editor's Desk

Horses are an integral part of history; the World owes so much to these four-legged beings, who neither speak nor laugh nor cry - yet understand us more than anyone and bond with us better than anyone.

The Souvenir 2022 is back after the dreaded Pandemic, having gallantly galloped across the months that saw immense human and animal suffering.

This Edition is an endeavor to bring you perspectives from around the globe, which shall undoubtedly give us a surer footing when it comes to the care and nurturing of these gentle, equine giants.

The All India Marwari Horse Society is the flagbearer and beacon for all horse lovers; it is this passion that has helped restore and revive the Marwari Horse to its former glory.

As the World faces testing times and geopolitical strife threatens mankind once more, it is left to the voiceless creatures – animals and such - to remind us that '*less is more*'.

Bajji Hukum has paved the way for all to follow and it is his dedication that has helped garner strength for the AIMHS.

AIMHS has not only been instrumental in uplifting and elevating our beloved Marwari, but has been on the cutting edge of technology to connect all stakeholders. To that end, you must download *Marwari Horse Society*- our official application, to stay in touch with AIMHS and assist in doing your bit in spreading the word about the noble cause for the upliftment of the Marwari- our majestic, beautiful beasts!

We hope you enjoy the Magazine and continue to lend it your valuable support.

Dr. Col. Umaid Singh Rathore, Editor-in-chief
Ankur Mishra, Editor





अशोक गहलोट
मुख्यमंत्री, राजस्थान



मुझे यह जानकर प्रसन्नता है कि 'ऑल इण्डिया मारवाड़ी होर्स सोसायटी' जोधपुर के तत्वावधान में सातवें मारवाड़ी होर्स शो-2022 मारवाड़ी नस्ल के अश्वों की प्रदर्शनी का 12 व 13 मार्च 2022 को जोधपुर में आयोजन किया गया।

मारवाड़ के उन्नत नस्ल के अश्वों की पूरे संसार में अपनी खास पहचान रही है। सेना, पुलिस एवं अन्य सैन्य बलों में उन्नत नस्ल के अश्वों का योगदान सदैव महत्वपूर्ण रहा है।

आशा है मारवाड़ी अश्वों की प्रदर्शनी की उन्नत नस्ल के अश्वों के संरक्षण की दृष्टि से उपयोगी सिद्ध होगी।

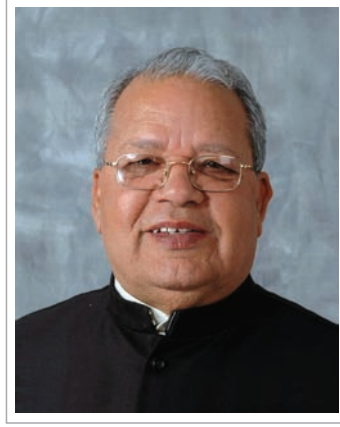
मैं इस आयोजन की सफलता के लिए अपनी शुभकामनाएं प्रेषित करता हूं।

अशोक गहलोट



सत्यमेव जयते

राज भवन, सिविल लाइन्स,
जयपुर -302006



कलराज मिश्र
राज्यपाल, राजस्थान

मुझे यह जानकर प्रसन्नता हुई है कि 'ऑल इण्डिया मारवाड़ी होर्स सोसायटी' द्वारा सातवें मारवाड़ी होर्स शो-2022 के अवसर पर एक स्मारिका का प्रकाशन करने जा रही है।

मारवाड़ी घोड़ों का अपना गौरवमयी इतिहास है। बेहतर नस्ल के मारवाड़ी घोड़ों को पालकर उनकी घुड़सवारी के साथ ही विभिन्न खेलों में भी इनका उपयोग निरंतर किया जाता रहा है। यह सुखद है कि आपके द्वारा निरंतर मारवाड़ी नस्ल के अच्छे घोड़ों का शो ही नहीं किया जाता बल्कि भारतीय इतिहास से जुड़े इस सुंदर प्राणी के पोषण, संवर्द्धन और इसके सामयिक महत्व को लेकर निरंतर कार्य किया जा रहा है।

जोधपुर में आयोजित किए जा रहे मारवाड़ी घोड़ों के आयोजन और प्रकाश्य स्मारिका के लिए मेरी हार्दिक बधाई और शुभकामनाएं हैं।

कलराज मिश्र
कलराज मिश्र

अशोक चाँदना
राज्यमंत्री

युवा मामले एवं खेल (स्वतंत्र प्रभार),
नियोजन एवं उद्यमिता विभाग (स्वतंत्र प्रभार)
कौशल एवं जनसम्पर्क विभाग, आपदा
प्रबंधन एवं सहायता विभाग
प्रशासनिक सुधार और समन्वय विभागए
सांख्यिकी विभाग एवं नीति निर्धारण प्रकोष्ठ



कार्यालय
कक्ष संख्या 2204-2205
द्वितीय तल, मु.भ., शासन सनिवालय
जयपुर-302005
दूरभाष-0141-2385733



अशोक चाँदना
राज्यमंत्री

मुझे यह जानकर खुशी हुई कि ऑल इण्डिया मारवाड़ी होर्स सोसायटी जोधपुर के तत्वाधान में मारवाड़ी नस्ल के अश्वों की प्रदर्शनी का दिनांक 12 व 13 मार्च 2022 को जोधपुर में आयोजन किया गया है।

मारवाड़ी नस्ल के उन्नत अश्व राजस्थान की पहचान है और इन्होंने देश-विदेश में अपना एक स्थान बनाया है। मैं आशा करता हूँ कि यह प्रदर्शनी मारवाड़ी नस्ल के अश्वों के संरक्षण में उपयोगी सिद्ध होगी। मैं इस आयोजन के सफल होने की हृदय से कामना करता हूँ।

सद्भावी
अशोक चाँदना
राज्यमंत्री

निवास: 18-ए, सिविल लाईन्स, जयपुर



Mahipendra Singh



The Covid Pandemic was a great setback to all activities. The Marwari Horse Society could not hold shows and various events for the past two years. Now with things getting back to normal we hope to make up for lost time.

Wishing the Marwari Horse Society a great success in the coming horse show.

With best wishes

**Mahipendra Singh
Bhavani Villa,
Danta Bhavangadh,
District- Banaskantha,
North Gujarat- 385120**

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डॉ. नारायणसिंह माणकलाव
पूर्व सांसद (राज्य सभा)

अन्तर्राष्ट्रीय मानवीय त्रासदी कोरोना काल के फलस्वरूप दो साल के अन्तराल के पश्चात 'मारवाड होर्स शो' का आयोजन सम्पूर्ण भारत के मारवाडी नस्ल के अश्वपालकों के लिए अत्यन्त सुखद एवं शुभ समाचार है। मारवाड़ी अश्व प्रजाति के संवर्द्धन एवं विकास हेतु मारवाड़ के महाराजा श्रीमान गजसिंहजी साहेब द्वारा प्रदन्त जीवंत सरक्षण, मार्गदर्शन एवं गहरी अभिरुचि हमारे 'मारवाड़ अश्व शो' को अन्य अश्व शो से एक विशिष्ट स्वरूप प्रदान करता है। मारवाड़ी अश्व के विकास की इस यात्रा के प्रमुख सरक्षण एवं संवाहक हमारे बापजी हुकम ही है।

में इस विशिष्ट आयोजन की सफलता की हार्दिक कामना करता हूँ।

डॉ. नारायणसिंह माणकलाव



Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry and Dairying
Krishi Bhawan, New Delhi-110001



Dr. Praveen Malik
Animal Husbandry Commissioner



It gives me immense pleasure to learn that the All India Marwari Horse Society is organizing the " VII Marwar Horse Show 2022" on 12th & 13th March 2022 at Jodhpur and will be publishing their Souvenir to showcase its activities and achievements in the year 2021 -2022. I am aware of the activities of the Society for many years, as a scientist at Indian Council of Agricultural Research (ICAR) and now as Animal Husbandry Commissioner.

The Society has supported the endeavours of the Department of Animal Husbandry & Dairying (DAHD), Government of India towards conservation, development and promotion of the Marwari Hoise Breed by regularly organizing Marwari Horse Shows. The work of the Society for projecting full potential of Marwari Horse in sporting, recreational and ceremonial equestrian activities-is appreciable. The efforts of the Society further need to be augmented through technical support of ICAR institutes to provide scientific base to the interventions.

I expect that the Society will continue with their dedicated efforts to highlight the qualities of the breed nationally and internationally and preserve this heritage of India. I wish all the success to the Seventh Manrwar Horse Show 2022.

Dr. Praveen Malik
Tel.: 23384146

Director
ICAR-National Research
Centre on Equines, Hisar



Dr Yash Pal
ICAR-National Research Centre on Equines, Hisar



I extend my heartfelt wishes with pleasure to the All Indian Marwari Horse Society, for organizing the Seventh Marwar Horse Show-2022.

It is an occasion of pride and joy for equine lovers around the Nation. It is also heartening to know that the Marwari Horse Stud Book Registration Society of India is registering the Marwari Horses to keep record of pedigree with the long term objective of conservation and propagation of true to breed animals of this elite germplasm. Owning and caring for a horse can be a source of great enjoyment but it is also a big responsibility to maintain the records of their pedigree

The endeavour of this Society is positively a central step towards the achievements of their objectives of projecting the Marwari Horse towards attaining its full potential in sporting, recreational and ceremonial equestrian activities.

I convey my best wishes for a grand success of the Event, and for all their future endeavours.

Dr Yash Pal

VISION to FRUITION



H. H. Maharaja Gaj Singh II
Chief Patron, Chopasni Shiksha Samiti



Lieutenant-General His Highness
Sir Pratap Singh Sahib Bahadur,
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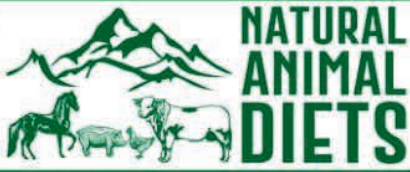


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✉ | karwarkot5555@gmail.com

📷 | karwad_kot



COLT ABHIJEET



Achievements

1st
position

in milk teeth category
(Jodhpur Horse Club Show-2022)

1st
position

in milk teeth category
(Nagaur Cattle Fair-2022)

2nd
position

in milk teeth category
(Team Gujarat Horse Show-2022)

2nd
position

in milk teeth category
(Jasra Horse Show-2022)



JO HUKUM



BHAGYASHREE



PADAMSHREE

INDROKA STUD & STABLES

ABHIJEET SINGH / ABHISHEK SINGH
9928021544 / 9461006961

342306 INDROKA , TIWARI ROAD
JODHPUR (RAJASTHAN)



ALL INDIA MARWARI HORSE SOCIETY

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- Her Royal Highness The Duchess of Cornwall Patron
- Shri Narendra Singhji Tomar Patron
Hon'ble Minister of Agriculture & Farmers Welfare

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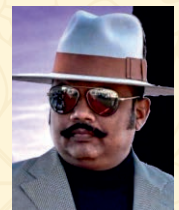
Stud Farm Address

RITURAJ SINGH CHAUHAN (KITS)
PADHARIYA-DHAMANVA APPROCH ROAD,
NEAR VASAI (GOJARIYA),
DIST. MAHESANA (N.G.)
MO. : 9913999990,
9978497474



Postal Address

THA. DINESH SINGH CHAUHAN
(D.S.P. GUJARAT POLICE)
A-404, AKSHAT ICON,
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ALL INDIA MARWARI HORSE SOCIETY 2020



The Sixth Marwari Horse Show was held on 08th and 09th February, 2020 at the Maharaja GajSingh Sport Foundation Polo Ground under the aegis of the All India Marwari Horse Society and Marwari Horse Stud Book Registration Society.

The horse shows are held to promote, popularise, and bring up this beautiful Marwari Breed.

BY COL. UMAID SINGH
Hony. Secretary







The All India Marwari Horse Society's endeavour is to protect and uplift the Marwari breed of Horse, which is our heritage and the most important indigenous horse breeds famous for its loyalty, bravery and appearance. The horses - Chetak of Rana Pratap and Arbud of Durga Das - are the pride of Indian History. Our efforts are to highlight the qualities of the breed and popularize the Marwari Horse both within the Nation and internationally.

As desired by participants and spectators to have more numbers of participants during the Sixth Marwar Horse Show apart from the class judging, we had the sports oriented events like Tent Pegging, Hack Obstacle Ride, Show Jumping and Dressage to introduce these equestrian sports to the breed; a very impressive performance was given, which was much appreciated by the breeders, horse owners and spectators.

In the events like show Jumping, Tent pegging, Dressage, Obstacle Ride and gigs driving, the entries were good, much more interest and enthusiasm was observed in the participants.

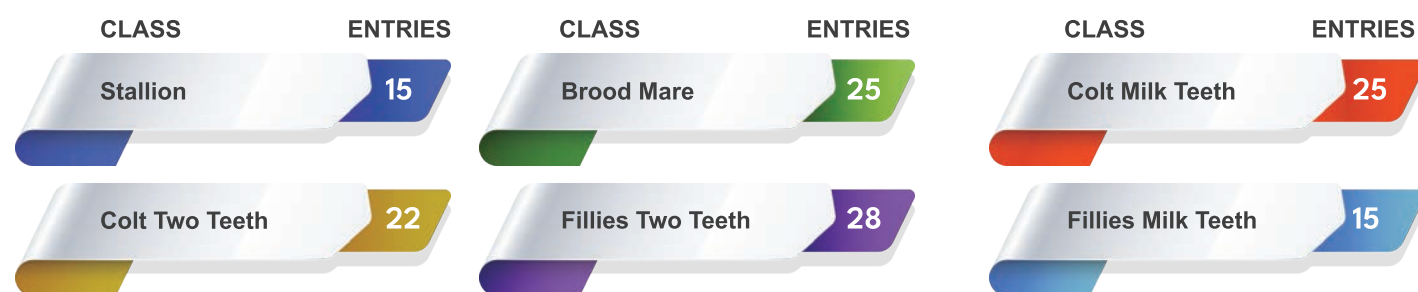
The Show was inaugurated at 10 AM on 08th February 2020 by His Highness Maharaja GajSingh of Marwar-Jodhpur in the presence of His Highness Maharana Mahipendra Singh of Danta. Distinguished guests from Europe, from Jodhpur and from many parts of Rajasthan and other states were present. Yuvraj Shivraj Singhji of Jodhpur and Yuvrani Gayatri Rajye visited and graced the Show on 09th February, 2020.

The Marwari Horses from Marwar Stud owned by His Highness Maharaja GajSingh Jodhpur, Jaisa Stud Ransigaon, Kelwa Stud Rajsamand, Nimbera Stud Jodhpur, Hukumgarh Stud, Hameer Stud, KC Stud Hanumangarh, Nasik Stud, Jai Rewat Stud Narlai, Jodha Stud Narlai and Gandhi Stud Farm Ahmedabad participated; three bands were present from Mehrangarh Fort, the Army Pipe Band of Guards and Sunder Band who played melodious tunes during the marchpast. Folk dancers, drumbeaters and trumpeters added to the charm of marchpast procession.

The pavilion was full to its capacity, the young students of Rajmata Krishna Kumari Girls School, Mayoor Chopasni School and Chopasani School came to witness the inauguration ceremony.

The entries were in good number as given under. The quality of horses in each competition was very good.

TOTAL HORSES COMPETING: 147



MARWAR HORSE SHOW

2020 AT JODHPUR ON 08TH AND 09TH FEBRUARY 2020

Colt Milk Teeth Class

Saptash Trophy

Presented by Shri Kumar Bhai Thakor
Ahmadabad

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|-------------------------------------|
| First | Alfaz | Shri Parmendra Singh Punjab |
| Second | Jingal | Shri Ajay Singh Kachhawah, Pali |
| Third | Punjab | Shri Gurpratap Singh, Punjab |
| Fourth Consolation | Karni Bax | Shri Ronak Sukhla, Mehsana, Gujarat |

Colt Two Teeth Class

Presented by Th. Devi Singh Kelwa
Kelwa Trophy

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|------------------------------------|
| First | Udairaj | Shri Narayan Singh Rathore, Nagore |
| Second | Bharat Ratan | Shri Gurlqbal Singh Punjab |
| Third | Rahu | Shri Alop Patel Gujarat |
| Fourth Consolation | Shiva | Shri Jitesh Patel, Gujarat |

Brood Mare Class

Presented by Shri Sardar Amandeep Singh Gill (Sunny)
(Rania Stud Punjab)

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|-------------------------------------|
| First | Alfaz | Shri Parmendra Singh Punjab |
| Second | Jingal | Shri Ajay Singh Kachhawah, Pali |
| Third | Punjab | Shri Gurpratap Singh, Punjab |
| Fourth Consolation | Karni Bax | Shri Ronak Sukhla, Mehsana, Gujarat |

Filly Milk Teeth Class

Presented by Ms. Margaret Annet

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|---|
| First | Krishna | Shri Hiren R. Patel Gujarat |
| Second | Morni | Shri Hukum Singh Hukumgarh, Jalore |
| Third | Ashwa Khalifa | Shri Baba Gangandeeep Singh Mohali Punjab |
| Fourth Consolation | Khazana | Shri Ronak Sukhla Gujarat |

Filly Two Teeth Class

DS Stud Farm Trophy
Presented by Shri Kumar Bhai Thakor
Ahmadabad

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|--------------------------------------|
| First | Ranijinda | Shri Narayan Singh Rohina Nagore |
| Second | Fulandevi | Baba Gangandeeep Singh Punjab |
| Third | Sarangi | Shri Parvinder Singh Patiala, Punjab |
| Fourth Consolation | Naina | Shri Uday Bhan Singh, Rohet Pali |

Stallion Class

Presented by Shri Narayan Singh Rohina
Bhomiya Sa Stud Farm

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|-------------------------------------|
| First | Khuda Bax | Shri Ranjit Kher, Pune, Maharashtra |
| Second | Kazim | Shri Aziz Abdein, Maharashtra |
| Third | Pawan Raj | Shri Hukum Singh Kawla, Jalore |
| Fourth Consolation | Rewat | Shri Mohan Singh Nagore |

THE JUDGES

Th. Sidharth Singh Rohet, Shri Anant Singh Kelwa,
Kr. Gajendra Pal Singh Posana, Dr. Mahendra Singh,
Rathore, Kr. Sawai Singh Ransigaon and Th.
Ghanshyam Singh Patodi.

Annual Souvenir:

The annual Souvenir of 2020 of All India Marwari
Horse Society was released by H.H. Maharaja Gaj
Singh of Jodhpur on 09th February, 2020.

OTHER EVENTS:-

Dressage Presentation

| Position | Name of Horse | Name of Owner |
|----------|---------------|-------------------------------|
| First | Sato | Viveka Kumari |
| Second | Jai Dhvaj | Shri Rajyavardhan Singh Kelwa |

Show Jumping

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|----------------------|
| First | Badal | Sayima Sayed |
| Second | Badal | Shri Vishwajit Singh |
| Third | Western Angle | Shri Rohit Gidwani |
| Fourth Consolation | Western Angle | Shri Mohit Brijwal |

Hacks Open

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|---------------------|
| First | Samrat | Shri Narendra Singh |
| Second | Alam | Miss Sayima Sayed |
| Third | Jawala | Miss Nitu Kanwar |
| Fourth Consolation | Badal | Shri Ronit Gidwani |

Tent Pegging

| Position | Name of Horse | Name of Owner |
|--------------------|---------------|----------------------|
| First | Samrat | Shri Pep Singh |
| Second | Jawala | Shri Jitendra Singh |
| Third | Ramdev | Ris. Rewa Ram |
| Fourth Consolation | Badal | Shri Vishwajit Singh |















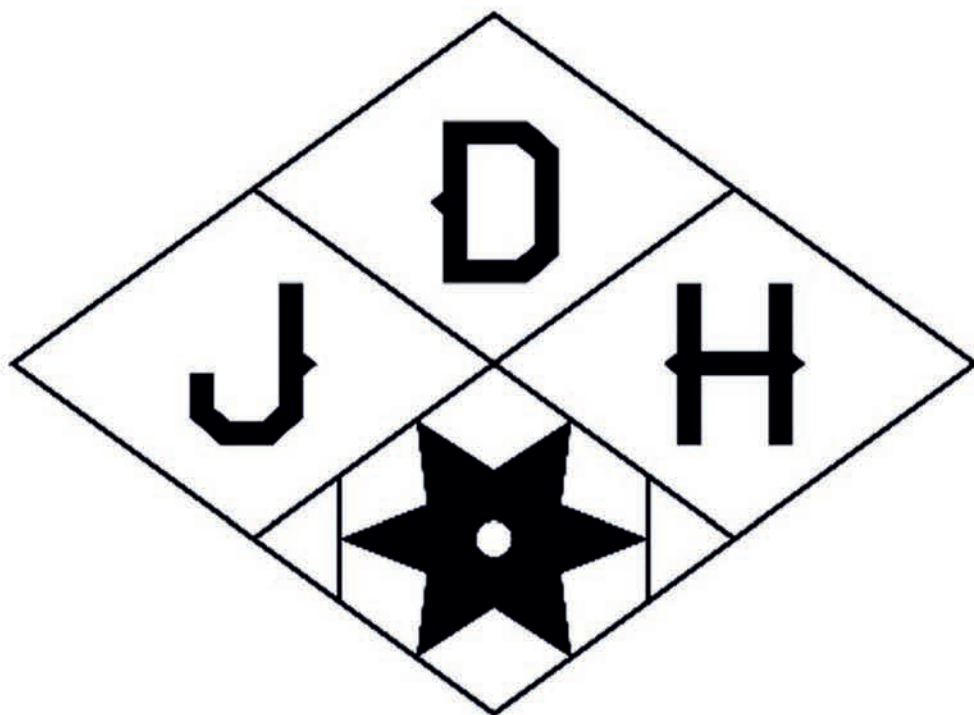


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Jodhana Heritage Resorts

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www.jodhanaheritage.com



BY ANKUR MISHRA

CRUSADING for MARWAR'S STEED

HH MAHARAJA
GAJSINGH II MARWAR-JODHPUR

Legends and folklore magnify the status of a creature or a man — manifold. It is, however, safe to claim that in the case of the Marwari breed of horses, these tales are no exaggeration. Bemoan the fact then, that come the latter part of the twentieth century, these magnificent creatures were on the verge of extinction. As per a 1992 livestock census as few as 3000 pure bred Marwari horses were believed to be alive.

It has been no simple task to assess and record, study and research this, one of six indigenous breeds. With no written records nor breed standards, characteristics were penned down based on common features discussed by well meaning, hardy, honest horse owners.

H.H. Maharaja Umaid Singhji, a man beyond his times, made the wise decision to buy Marwari stallions fearing their extinction after the British banned the export of the horses in the 1930. Blessed with his grandfather's foresight and vision, His Highness Maharaja GajSingh II, helped establish the All India Marwari Horse Society in 1998, that stellar bastion which commissioned research on a war footing under the wise tutelage of *Bapji Hukum*.







Going a step further to promote these horses, the Marwari Horse Stud Book Registration Society started by the Central Government came under the aegis of AIMHS in 2008. The Book became the official document that recorded details of studs, and is the bible of horse owners and breeders. It has helped in maintaining a record of individual horses according to breed standards and re-establishing the quality that had been emphasized centuries earlier.

The AIMHS under *Bajji Hukum's* able guidance decided to conduct the Marwar Horse Show, starting April 2013. Now in its seventh year, the Show is a great melting pot for all breeders in the Country who come to showcase their horses and gain knowledge about the latest medical & scientific advancements that can help secure their horses' future.

In 2014, the entire genome of the Marwari breed had been mapped - it became the first Asian breed to have made this distinction. Until then only Eurasian breeds had whole genome sequencing. The findings were also published in the distinguished journal BMC Genomics and had researchers from UK, USA & South Korea on the panel.





A prized genetic resource of India, the Marwari Horse today is well known worldwide, thanks to the efforts of the AIMHS. The roadmap for the future is rife with activity - including establishment of a semen bank for registered horses, make provisions for exporting a limited number of horses, in keeping with scientific breakthroughs with the National Research Centre on Equines in Hisar to make India Piroplasmosis free in order to make the export process easier. Even finer aspects like conducting training camps for farriers and breeders have been taken into consideration.

A dynamic website and Mobile App that details the process of registration for Marwari Breeds, their ancestry, details of stallions, stud farms, horses on sale etc. has been most relevant and a boon for all Marwari horse lovers.

Thus, aided by technology and ensuring a closer brotherhood amongst the breeders has augured well for the Breed as well as the AIMHS, thanks to *Bajji Hukum's* foresight and will to 'walk the path'.

One hopes that this prized Pride of Marwar thrives well, and basks in its rightful glory thanks to the tireless endeavours of His Highness Maharaja GajSingh II and all the devoted AIMHS members.





Kelwa Stud Farm - Kelwa

Bada Rawala, Kelwa. Cell: +91 94 141 74 186 / +91 98 281 44 006



Filly
Sire - Roop
Dam - Raj Kirti



**Mare - Tejroop
Bhooti (Guda)**
Sire - Hansraj (Varkana)
Dam - Rajroop (Bhooti)



Stallion - Shreeraj
Sire - Jairaj
Dam - Tejroop



Fateh Stud Farm - Kelwa

Jodhsagar Shooting Ranges & Country Club, Talai,
Kelwa, Rajsamand, Rajasthan. email: info@fatehgarh.in
Cell: +91 94141 71637 / 99506 61394 / 7300378915



Stallion - Roop
Sire - Sidthraj
Dam - Suder (Bakasar)



Rajyavardhan Singh Rathore
(Performing Advance Dressage At Delhi Horse Show On Marwari Stallion - Jaidwaj)

THE KISSAN STUD



MARWARI HORSES

Km stone 19, Jaisinghpur khera, Bawal Rewari Haryana 123401
Mobile - 8816004302 , 8708150221

THE OMNIPRESENT MARWARI HORSE

HH MAHARANA MAHIPENDRA SINGHJI OF DANTA

In my opinion the Marwari horse is the best *'all purpose animal'* that money can buy. With cost of maintaining a horse becoming more and more expensive with the passage of time, it becomes very important for an individual to have a horse which fulfills if not all, at least most of his requirements.

Generally speaking the Marwari horse is intelligent and faithful, he is fairly easy to train and if you ride it on loose reign on a track which is not smooth it will maneuver its way and negotiate the hazards without the rider having to maneuver it all the time. More often than not it knows the way back home, even if it is dark. It is a sure footed animal and this makes it a very good animal for the horse safaris in any sort of terrain.

When you have kept a Marwari horse for some time a bond develops between the rider and horse and the faithfulness is there for all to see. If a rider falls his horse would stand by his side and not let a stranger come near his master. We have known many a story of the Marwari horse bringing his injured master home from the battle field. There can be no better example of

this when a badly injured Chetak took Maharana Pratap to safety in the battle of Haldi Ghati before Chetak breathed his last.

The Marwari horse has plenty of stamina and this can be further developed with good feeding and proper exercise. If we see the results of the past few years we see that the Marwari horse has acquitted its self very well in the various endurance rides. We are yet to realize the full potential of the Marwari horse as an endurance animal. We now have plenty of opportunity for endurance riding and in due course of time i am sure the Marwari horse will prove its self to be an animal of international class endurance animal.

The Marwari horse being originally an animal of the desert is not a fussy eater and will do well on dry fodder and grain, if one can balance the diet and give it green fodder as well you will get optimum results. We know that in parts of western Rajasthan it is not possible to have green fodder all the year round in spite of this the Marwari horse does well.





Tent pegging is a sport in which the Marwari excels even if you have one horse you can compete in tent pegging at the national level. Pre independence Marwari horses were used for polo but in recent times the through bred is the preferred horse for polo. The Marwari is not considered to be a good jumper but he will do the basics in jumping. It is used extensively for marriages where it is a prolific dancer. A good dancing horse can fetch as much as 50000 Rs for performing in a single marriage. I suppose it can also be trained for dressage.

It is very difficult to separate the Marwari horse from the Mirasi in western Rajasthan and north Gujarat. In the past the Mirasi was a "chabak sawar" he would travel from one stable to another and fine tune your horse for your specific liking in riding. In recent times they have become more horse traders than horse trainers though some of them will do both fairly well. I would take the liberty of calling them the walking and talking stud book of the area in which they reside. To give you an example of someone whom I have known for more than 35 years - Bakshu Mir of Malan village of Banaskantha District in North Gujarat. He would have the details of which mare is in foal to which stallion. He would also know the preferred choice of various horse owners and contact the person concerned for a particular animal. He would barter animals with you or even go through with the

deal, which is part sale part barter. Needless to say that he has the gift of the gab and he will praise the animal he is selling sky high and make you feel that you are going to miss an opportunity of a life time if you don't purchase the animal he is offering. A mare with him is 5 years of age for the next 5 years till such time that someone will point out to him that 3 years back he had said that she was 5 years old. I have fondly christened him as the "holy crook" a name to which he responds!

The horse shows have done a world of good to the Marwari horse and I can say this without any hesitation that the general standard has greatly improved over the years. I was in the recent past judging a horse show in Ambod near Gandhinagar in Gujarat and the standard of animals was very good and the general condition was excellent.

The registration of horses by our society has helped in promoting the true to type horse and the benefit of this I am sure will be reaped by the breed in the years to come.

To conclude I would say, enjoy the Marwari horse as an all round package.

Nimbera Stud Farm



Late Stallion Ruaab

Add. :
Ranvijay Singh
Village Nimbera Kallan, Tehsil Raipur,
District Pali (Raj.)
M. 9928555995

THE COWGIRL SHAMAN

WAY FOR EXCELLENCE IN HORSE CARE



TERRI JAY

I was one of those horse crazy girls that was blessed by my parents with lessons from an early age. Once I got into my teenage years, I got my first horse and started going to horse shows. One thing led to another, and I always wanted to help kids so when the opportunity to provide horseback therapy to disabled kids came my way, I had found my calling. I did horseback therapy off and on for about 35 years.

It was while doing this program that I “heard” a non-verbal disabled child speak to me. It didn't occur to me that he was not speaking out loud because I could hear him as if he was. Once it was confirmed, the suggestion was made to learn to communicate with the horses because all animals are telepathic. I had no idea where the journey would lead me.

Once I had this opening, my abilities developed very quickly. I realized that I was hearing what the horses were saying, feeling and what their problems were. It was during this time that we began using the services of a holistic veterinarian who did acupuncture, chiropractic, and other holistic modalities. These modalities have been essential to the well being of my own horses and I always recommend these and other treatments to my clients' horses.

It may surprise some people, but horses were designed by nature to graze and run from predators. They were not designed to carry weight or do all of the sports that we ask them to do. In order to keep them comfortable, they must have chiropractic adjustments on a regular basis. This gets the bones in alignment, so they have the best chance of competing successfully.

Once the bones are in alignment, we must have a way of repairing and calming down the muscles, tendons, and ligaments so the adjustments hold and the pain in the soft tissue is reduced. These two modalities are NOT optional, yet many horses



go years and years without them, in pain, and with reduced performance in competition. In addition, the compounded pain produces behavior problems which can be life-threatening to the rider. People who are ignorant of the pain a horse can have and still function often believe it is a training problem and they resort to physical abuse when the horse is just in pain.

My clients come from all equine sports from flat racing to barrel racing, breed shows, team roping, dressage, hunter/jumpers, endurance to back yard horses. They are usually amazed at what the horses tell me.

Horses communicate with each other telepathically using visual images, tastes, smells, feelings, and sounds. We

can also communicate with them the same way. They can also learn words and often horses will request that their owners use more words so there is no doubt on the part of the horse what the owner wants the horse to do. They are usually happy to comply, as long as they are not afraid and not in pain. The reason people miss what their horses are trying to tell them is that they don't listen fast enough. As you are forming a mental question, the horse has already sent you the answer.

Thoroughbred racehorses will complain that they don't like dirt in their faces. Endurance horses wonder if their owner is lost because they just keep going and going down the trails. Hunter/jumpers often tell me that they hesitate going over fences because their rider is afraid. One jumper told me that his rider was sitting crooked. Barrel horses have shared that their owner is distracted during the run, so they don't know how fast to go or how

tight to turn. Rope horses complain that as their rider's rope hand goes up, the rein hand goes up and it is pulling back on the reins at the same time the rider is spurring the horse to go faster.

But the biggest complaints that I get from horses are undiagnosed pain. I highly recommend chiropractic adjustments from someone who is qualified and Acuscope treatments which are microcurrent therapy. It is also important to

have dental care every year since horses' teeth never stop growing. Once their teeth are floated, they can use a good chiropractic adjustment in their TMJ (jaw joint). TMJ issues are often the cause of rearing, head shaking and other behavior problems, as long as these are not rider-caused.

I love teaching these skills to others as it has a ripple effect and ends up helping other horses and their owners around the world. My book, "The Cowgirl Shaman Way – Seven Easy Steps to Develop Your Intuitive Ability," is available on Amazon and can teach anyone how to learn this essential way of communicating with their horses for a happier, healthier, more successful relationship.



FATEH



STALLION :- OCEAN

SIRE :- PRITHVIRAJ - S74(BAAG)
GRAND SIRE :- RAJHANS (BADAL STUD)
GREAT GRAND SIRE :-
RAJTILAK (UDAIPUR PALACE)
SUPER GREAT GRAND SIRE :-
RAJSRINGAR (UDAIPUR PALACE)
DAM :- DIAMOND - RR2(RR DASADA)



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TILAK HANS



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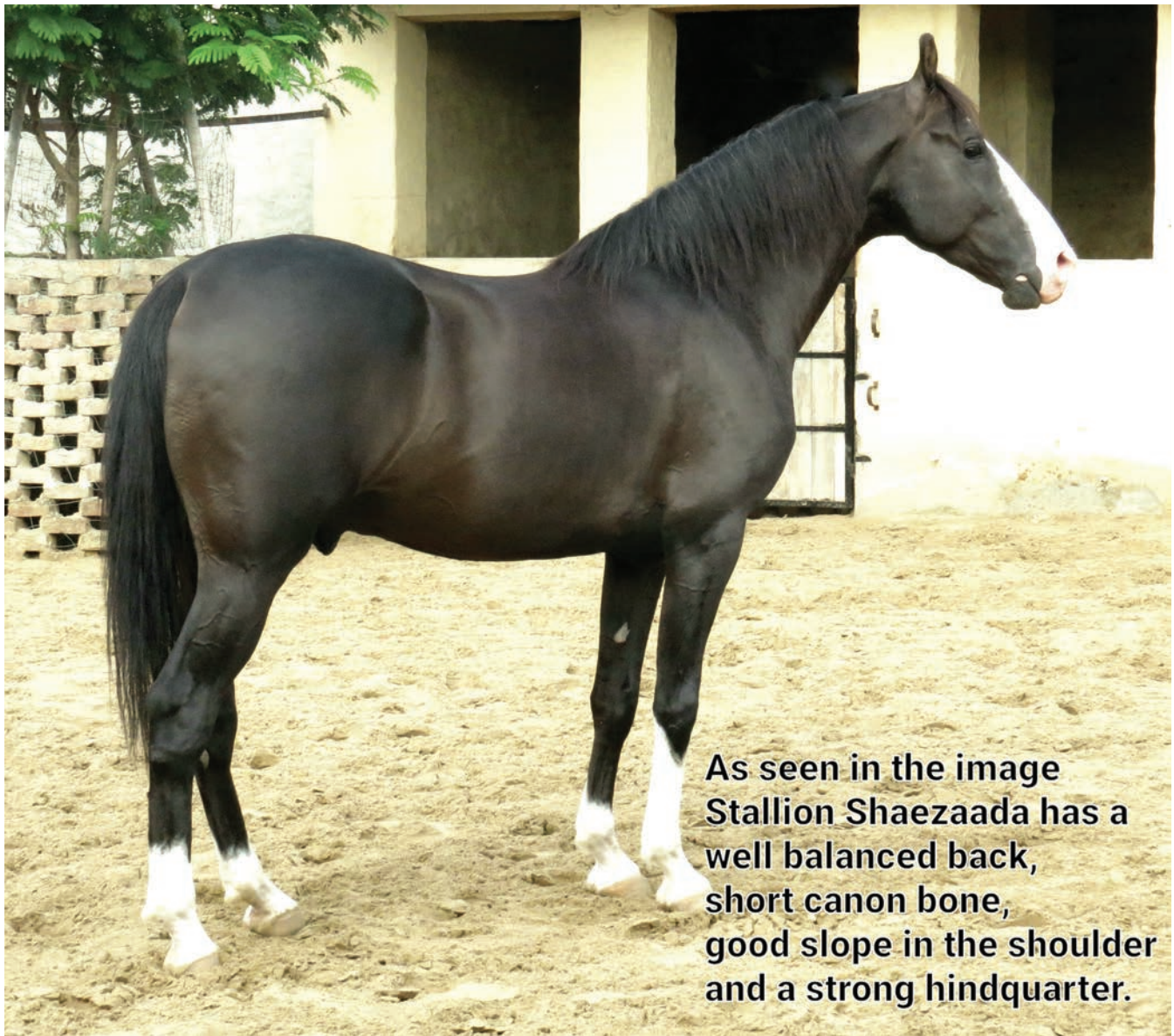


Specialist Marwari Horse breeders
CB Stud



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castlebijaipur@gmail.com



As seen in the image Stallion Shaezaada has a well balanced back, short canon bone, good slope in the shoulder and a strong hindquarter.

Breeding Better

MARWARI HORSES

Since time immemorial we have heard of the courage and valour displayed by our native war-horse "The Marwari". A versatile mount, whose physical abilities are equaled only by its large heart and superior intelligence.

Somewhere along the way, during the British rule, the Marwari Horse remained confined to the stables of a few select and passionate horsemen.

Today the Marwari Horse has attained its former glory with the onus upon us to accord this mighty animal its place as a formidable contender in equestrian sports.

Horse-shows have done their part in popularising the breed, its time opportune to move further.



BY UDAYBHAN SINGH ROHET

WHAT DO WE LOOK FOR IN A SPORT-WORTHY HORSE?

Conformation is key!

Conformation is the god given structure of a horse that he is born with. Not to be confused with coat and muscle tone.

There is never a horse with perfect conformation but we must go as close to the ideal as possible.

These are some of the ideal factors:

- Feet. All four feet/hoooves must be equal. (Not club footed or flat footed and must not be toe in/out.)
- Short pastern and a hoof/pastern angle of between 45 to 50 degrees.
- Short canon bone and long forearm.
- Big broad bone (a lot of Marawaris have a very fine, delicate bone structure.)
- Straight knees (some horses can be seen that are very crooked in the knee. They are turned in/out or forward/back in the knee).
- Wither to shoulder should have a 45 degree slope. This will result in a horse with a longer stride. (a lot of Marwaris have a straight shoulder resulting in a short and choppy stride)
- Long neck
- Ears should be alert
- Broad face (a horse with a narrow face is usually nervous and skittish as his field of vision is narrow).
- Large Nostrils for maximum air intake
- Throat latch should be able to accommodate your knuckle between the cheekbones as this allows for better air intake.
- Muscular wide chest with wide set legs.
- Balanced back length. (Shoulder to wither = wither to pelvis = pelvis to hip)
- Hind end
 - Tail should be set in and not up
 - Hock angle pointing down
 - Short canon
 - Wide set legs

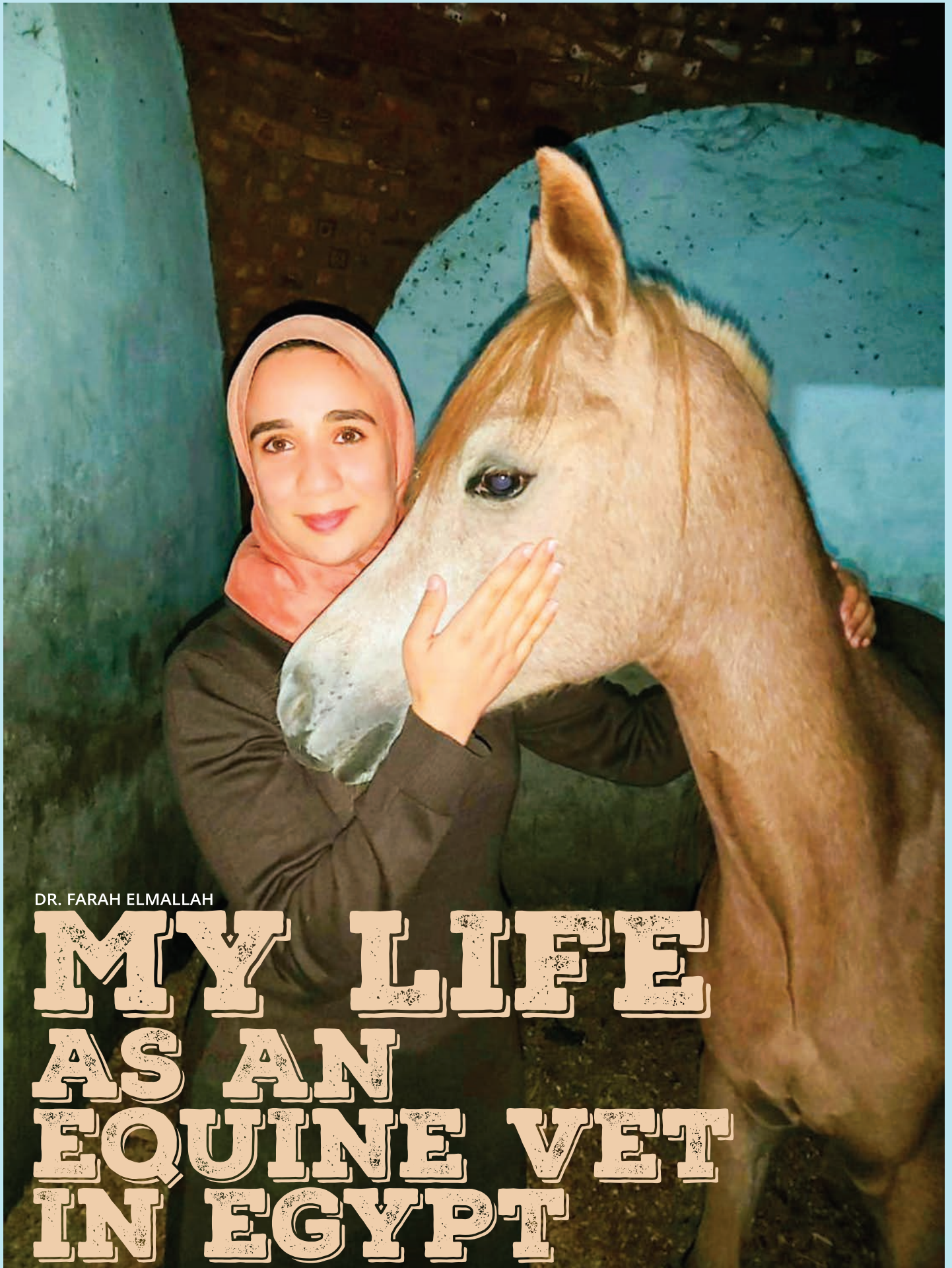
It is important to identify the conformational limitations of the animals you breed so as to restrict them from being passed onto their progeny by breeding them selectively.

Limitations such as club-feet, delicate bone structure, long canons, broken hoof/pastern angle, crooked knees, small weak hindquarters, cow/sickle hock, upright angle, straight shoulders are often found in Marwaris.

To breed a strong, versatile and sport-worthy animal, conformation plays a pivotal role.

If we are conscious of the above mentioned points, our Marwaris can be good at endurance (historically this horse has travelled great distances with heavy weight on his back), Show jumping (in the battle field, Marwaris were nimble and agile over obstacles), Dressage (these horses are naturally showmen and exude grandeur).

Let us ride our Marwari Horses to showcase their abilities and not just confine them to the stables for breeding. Let us not reduce the Marwari horse to just colour, markings, whorls and ears.



DR. FARAH ELMALLAH

MY LIFE AS AN EQUINE VET IN EGYPT

In Egypt, we see horses and interact with them daily. You go to a club and find a horse-riding school or a horse racing track. You visit the pyramids and take a ride on horseback. Even if you walk down the street – you will surely see a horse-cart; the number of our equine four legged friends is close to 1.7 million ! In addition to polo horses, endurance horses, dressage horses, dancing horses, private riding horses, farmers' owned and pleasure ponies, we have our own breed- the famous straight Egyptian Arabian horse.

Known for their beauty and resilience, straight Egyptian Arabian Horses have lived in Egypt for many thousands of years. Today there are approximately only 6000 purebreds worldwide and more than 80% of them are in Egypt. The Breed is recognized by the distinguished head and neck curves with the beautifully upturned tail and the outstandingly graceful moves. They have been so purely bred that you can trace 100% of their ancestry back to the horses bred by the Bedouin tribes of ancient Arabia; this makes it super expensive to own and to breed with prices up to \$150,000 for the top performing ones.

On the other hand, comes the typical crossbred horse that is usually used for transport and heavy work. It is commonly called a “Baladi” which means local breed. It is strong but patient and so calm-tempered that even children can handle it. In the countryside and urban areas, horses live indoors with their owners, help with

the field work, and are considered a dear member by the family, no matter how poor they are. This type of horse is shouldering the responsibility of earning a livelihood for the family, almost all by itself!

Show jumping is very popular among the elite. Its events are organised by the Egyptian Equestrian Federation. Usually, the breeds of horses used for this purpose are imported Hanoverians and Belgians that can jump up to 1.7 metres high. They live in well maintained stables and sport clubs and have a good standard of luxury compared to other equines.

As a veterinarian, I had worked in equine sport medicine for over three years before switching to serve working horses. I have encountered hundreds of cases and a lot of them are surprisingly avoidable. That's why I try to give extra care and time to educate the owners.



DEALING WITH THRUSH:

Every time I see a horse limping out of a hoof thrush, I speak to the owner about the basics of daily hoof care and show him how to pick his horse's limb and clean it properly.

Although it is not contagious, the anaerobic bacteria and fungi, if left untreated can result in temporary or even permanent lameness in the horse especially when it travels up to the inner layers of the hoof.

Proper trimming of hooves by a farrier and regular brushing can prevent the growth of these harmful bacteria.

Keeping the stable area dry and clean is important, as thrush and other hoof conditions thrive in damp and unhygienic conditions.

Awareness can help to prevent and simple to treat infection. Be careful to observe your horses closely for hoof dryness, dampness and discomfort when you pick its hoof.

THE CONNECTION BETWEEN DIET & COLIC

A common ailment, recurrent colic is a sign that the feed needs to be taken care of; usually the problem is easily prevented by providing good quality hay, adequate exercise, deworming and regular dentist-visits, adequate watering, and small points like this go a long way in keeping colic at bay!

The owners appreciate education about nutrition, management and first aid, they want to know what to feed, when and how much, they value their horses but often get false advice from breeders, trainers and other horse owners and do not know who to trust.

Most importantly, observe your horse keenly- any change in behaviour is a sure shot sign of underlying distress. Remember, knowledge is not only power, but in such situations, it is also a life saver!

THE DANGER OF TETANUS:

One of the hardest conditions I have to deal with is tetanus.

Unvaccinated horses are especially susceptible as bacterial spores enter through a deep wound releasing its toxins that affect the horse's nervous system. It can take three days to a few weeks for the infection to travel to the brain, causing a painful long-term disease with a significantly high mortality rate.

The muscles start to contract causing the characteristic stiff appearance. It may lead to a steady deterioration and quick death unless treated in the early stages with intensive care. It is always heartbreaking to see a horse so stiff that he can't walk, lay down or even open his mouth to eat and it makes me more determined to advise owners to make sure that they provide vaccination.

It seems obvious to state that all horses -as well as all creatures- should be equally treated and have a fair quality of life, but this is not the case. Gaps are enormous According to breeds, job, gender and even beauty. A horse might lie on a bed of cotton while another horse must work despite being unwell or even limping! It is never about how "precious" a horse is. All souls deserve mercy.



In my career I have learnt that horses are capable of stealing your heart at first sight, but it is a huge responsibility to have a life in your hands, to make a decision that may save a soul. It is a blessing and a test. And I try to rise to the challenge by continuous improvement and learning and by doing my best to never give up and always advocate for the voiceless. Proud to have such a meaningful career.



(Dr. Farah ElMallah graduated from the Faculty of Veterinary Medicine Cairo University 2017, and earned a Diploma of Equine Surgery and Medicine in 2020. She is currently working on a Masters degree in Equine Surgery. She has worked in the field of equine sport medicine for 3 years and is presently working in a clinic for working equids. Souvenir 2022 is grateful to Farah for contributing generously to the Magazine.)

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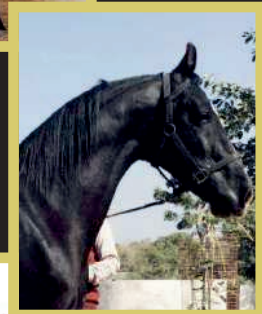
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Chauhan Stud Farm

(An equine establishment dedicated to preserve and breed true to the type Marwari Horses reclaiming their place in the regalia.)

Registered with Marwari Horse Stud Book Registration Society of India

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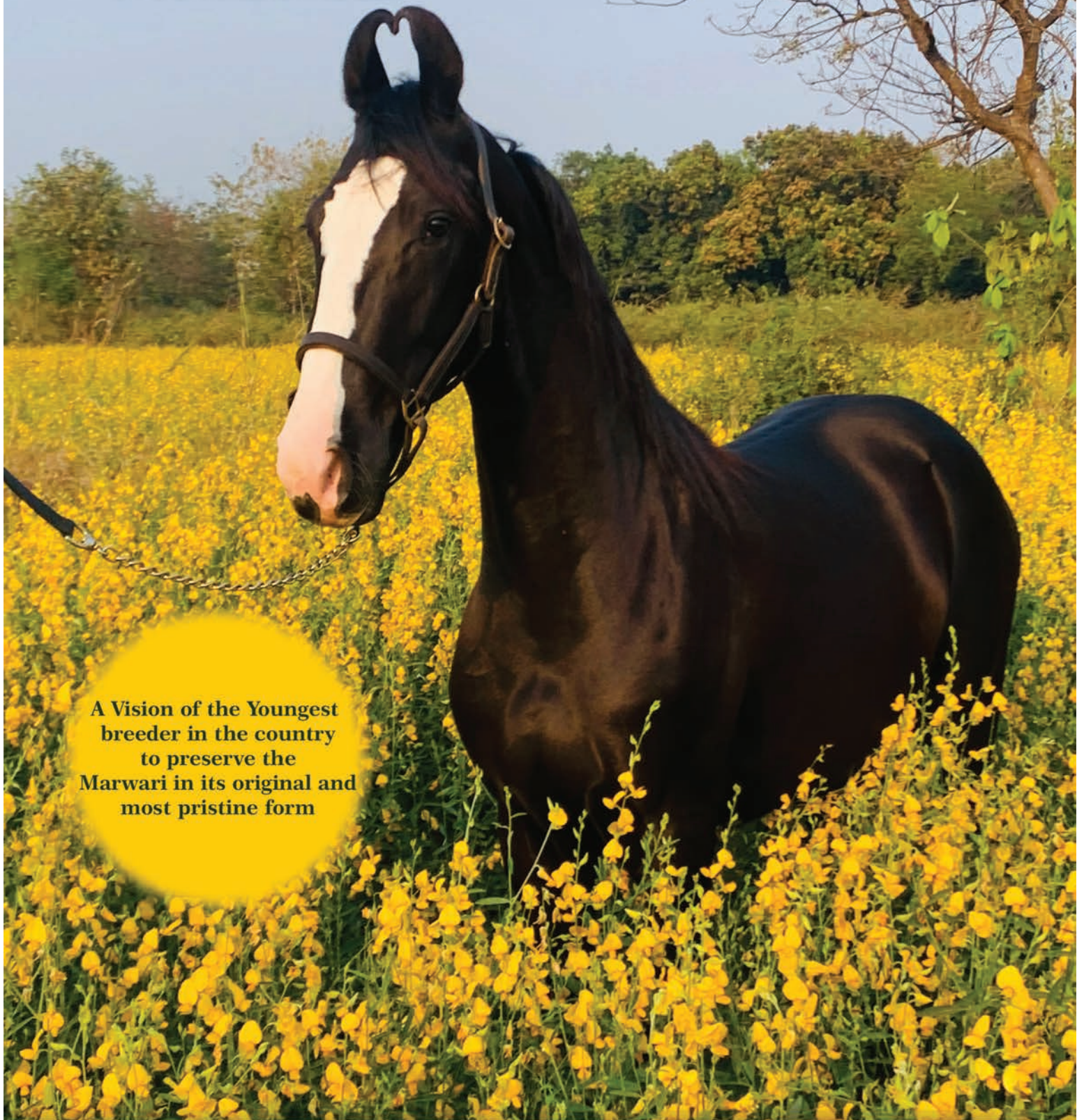
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BY GAURAV JOSHI

Endurance & the MARWARI Horse

*"To endure the endurance is an
enduring endeavour."*



The Endurance Ride is a long-distance competition internationally recognized by the Federation Equestrian International. It is a ride against the clock and track, testing the speed and endurance of a horse and challenging the rider over their effective use of gait, understanding of their horse's capabilities and ability to cross all kinds of terrain.

Needless to say, the ride involves team effort; each individual plays a crucial part, there is no room for error. In this discipline, the rider, coach, crew, and horse are a team. No one can complete the trail without team.

Due to its natural habitat, the Marwari breed of horses is an accomplished endurance ride. The ride was once part of the regular lifestyle of Rajasthan. Long walks in desert over the centuries have helped the Marwari horse develop its ability to maintain body temperature while retaining ample water for long distance rides and strong hoofs well adapted for any terrain.

The strenuous rides over sand dunes have evolved long upper arms and short cannon bones for longer strides. The elongated neck adds to the beauty of this breed and provides balance to the body which makes this horse a comfortable ride. Hence the Marwari is the most suited breed of horses for endurance rides.

It has also been observed that the horses have the unique ability to recover their vitality after a quick meal and a sand bath. If trained well, they possess the capacity to outperform even at below average haemoglobin levels.

CHALLENGES FOR MARWARI BREED IN ENDURANCE -

Endurance is a slow and steady process that cannot be achieved overnight. Proper training, an integrated team and focussed approach can make an endurance ride worth the experience that both the team and the spectator cherish. The natural way of keeping and now breeding horses is changing now a days. Horses are kept in small stables which do not provide enough space, restricting free movement of the horse essential for their muscle development and stamina building from young age.

In absence of a skilled coach, poor techniques are used to train horses resulting in muscle breakdown, bone spavin, and bog spavin which are a major hindrance in the performance of a horse during endurance rides.

The Marwari horses are genetically designed to be able to sustain hard terrains and long distances. All that is required is training and collaboration between the rider and the horse.



In the year 2011, the horse Alaknanda gave heartbeat recovery rate of 56 B/m in 3 mints at haemoglobin level 13 g/dl.

We owe our best to this faithful, beautiful steed. Both the Horse and the endurance ride event need nurturing!



In the year 2005 on a 120 km endurance ride, the horse Shanshah had a heartbeat recovery rate of 3 B/m at haemoglobin level 13 g/dl.



Photo: Raj Jwala (Geld), Marwar Stud

With the blessing of His Highness Maharaja of Jodhpur, Mr. Joshi coached 20 students for the National Equestrian Championship (2021-22), 40 km endurance ride and they have performed exceptionally well.



Photo: Raj Sujata (Mare), Marwar Stud

- Mandatar Singh - individual silver medal (open category)
Team of Sampat, Myank, Pratham, Richpal, Rahul secured
- Team gold (open category) competing against 8 teams including one team of the Indian army and a total of 52 participants
- Sanskar - individual Gold medal (junior category)
- Youvram- team Gold (junior category), the team class included 4 teams and 16 entities.
- Lakha Singh: individual gold (young rider)
- Lakha Singh, Kanchan Rajput, Vansh- Team Silver (young Riders)

In 60 km ride Dinesh Singh won individual Gold and in team event Anirudh Sinsinwar's team secured the gold medal In this competition Marwari was no inferior, Ganesh ridden by Puneet Choudhary, Devratan ridden by Chelaram, Mangal ridden by Naveen Punia won many medals. From Marwar Stud, RajSujata ridden by Raghvendra Indroka, Raj Jwala ridden by Vivek Singh, Jwala by Lakshya Singh and Jitendra Singh also won many accolades.

Hina ridden by Ankit, Sapphire of Neeve also won repute in junior category.

In its endeavor to support Marwari Horse, Mr Joshi assist many organization and Individuals to compete and win awards. To name a few, Arman Malik Jainabad, Rushabh Dharod, Pruthvi Patil, Ravindra Singh from HRG Stable Ahemdabad and Sara Farms Mumbai.



VAJAPAR

STUD FARM

Stallion Kesariya

Vajapar stud farm subscribes to the belief in breeding a beautiful and functional Marwari horse, in a contemporary way, a way where the world of straight this or pure that has, for the most part, long since ended.

It is the blend of all beauty that creates the modern, innig and valuable Marwari for today.



CHARANJEETSINH MAHEDU
9879107030 | vajaparstudfarm@gmail.com



DR. AKRUTI CHOKSI

EVERY
HORSE
EVERY
YEAR!

Myth 01

HORSE DENTISTRY IS A NEW SCIENCE!

There are many myths that surround the field of horse dentistry, and one wonders how that has come to be! It is interesting to note although it has been practiced for over 3000 years, it is still as intriguing as it was earlier!

A great deal is lacking in terms of awareness with regard to equine or horse dentistry. Despite the fact that there is evidence of its existence as early as 600 BCE in China! The Ancient Greeks practiced it; Roman writer Vegetius makes a mention in his manuscript 'The Veterinary Art'.

In India, too it was practiced in ancient times – it was as common a practice as farrier care! But lack of awareness bids us think that it is a 'new science'! although it has evolved, yet it isn't a new practice.



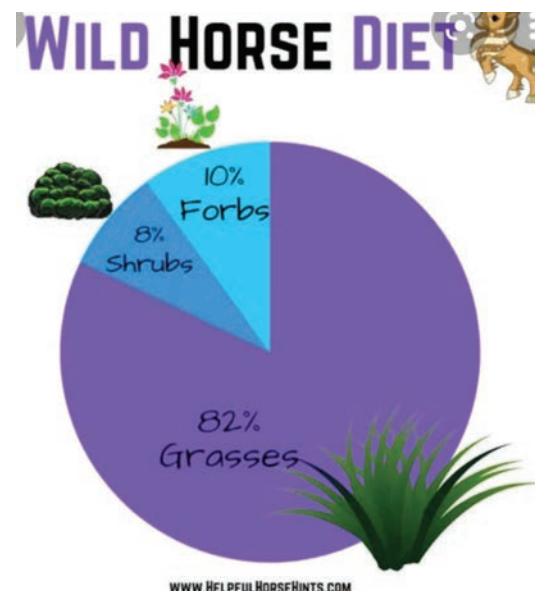
Myth 02

HORSES IN THE WILD ARE DOING FINE!

Horses in the wild aren't blessed with better teeth, trust me. Nature keeps a balance between the perfect and imperfect. Again, there is a lack of awareness and data about horses that die due to shear mouth disease or colic. So they DO need care, it's just that because they are in the wild, they don't get it.

When we domesticate horses, their diet undergoes a sea change- more fibre, hay, cereals, grains, and lush green grass. Their teeth grow irrespective of domestication, they will develop sharp, pointy ends. Its unavoidable since we cannot mimic the diet they would follow in their wild, natural habitat.

Another reason for horses in the wild to lose their lives as a consequence of poor oral health has to do with the harshness of their diet- weak teeth and dentistry issues will eventually leave them too weak to forage and chew, they lose weight, and starve to death or fall prey to predators.



Myth 03

DISEASES OF THE WILD CANNOT BE CONTROLLED IN DOMESTICATED HORSES

Can we control all this in domesticated horses?

Yes. Domestication has increased their life span- a horse in the wild may live to be around 16 years, whereas a domesticated animal such as the horse is expected to live up to and over two decades old. And this we owe to the magic of modern dentistry! Regular, appropriate dental care ensures the teeth wear evenly and allows the horse to utilise every millimeter of their teeth to achieve the former.

Myth 04

HUMANS AREN'T RESPONSIBLE FOR HOW HORSES HAVE EVOLVED

We are. Undoubtedly, over centuries humans have massively interfered with the horse's physiognomy. Most modern horses look nothing like their wild predecessors. We have the dished faced Arabs, the shortened noses of the Welsh ponies and the tiny heads of the miniatures, the broad faces of the Welsh Cobs, the massive Roman noses of the heavy breeds, the long thin noses of thoroughbreds and every imaginable shape and size in between. This amount of manipulation away from the natural, results in malocclusions and malalignments of the dentition. We get teeth that are too small or too large for the horse's mouths. Sometimes the teeth don't fit into their correct placement, and they erupt crookedly. Humans created these problems and have a responsibility to ensure these horses are not in pain. Whether you bred the problem or bought it- you're going to be the one finding a solution to their pain!

We are responsible for their pain! One can see some signs in everyday behaviour which lay the blame solely on us!

Wild horses don't wear bits or bridles. Bits pull the lips into the teeth, nosebands and bitless bridles pull the cheeks into the teeth. If the teeth are sharp or hooks are present, this will result in pain, and as a result, bad behaviour.

Myth 05

ONLY RIDDEN HORSES HAVE DENTISTRY ISSUES

Remember, the purpose of a horse's teeth is for eating and every horse must eat, therefore every horse must have routine dentistry. It's not exclusive to only horses that are ridden. No doubt, ridden horses may need dentistry more regularly but every horse, pony and donkey must have routine dentistry at least once a year.

Myth 06

A WELL HORSE NEEDS NO WORK!

Horses are designed to hide pain.

By the time the horse is struggling to eat, the problem is very advanced, at best it will be expensive to fix and at worse, it may not be fixable. Horses DO NOT show oral pain until the problem is very severe, this is part of being a prey animal. Showing weakness in the wild means certain death by predation. Hence a yearly check will be best to prevent or correct problems.

Myth 07

ONLY STALLIONS, NOT MARES, NEED DENTISTRY!

Stallions only provide semen for the foal but brood mares carry the fetus for 11 months. The health of the foal depends on the mare's nutrition and diet. Therefore if you want a healthy foal- then it's absolutely necessary to maintain the oral health of your mares.



Myth 08

IT'S THE OLD HORSES THAT REQUIRE CARE!

Domestic horses require dental work from the age of 2 yrs. and 8 months. Horses' teeth continue to grow or erupt at least till the age of 21 years. Post this, the growth rate decreases. Young horses develop sharp points, hooks, wolf teeth, there is exfoliation of milk teeth. If we start training young horses and biting them, we need to care for their mouth appropriately. When we ignore dental pain in younger horses, they grow up adjusting to these problems on their own. They form bad habits in riding, their temperament changes, they are difficult to train, they may not gain condition. Therefore it is recommended to get dental work for horses done at least once a year. Prevention is better than cure.

YOU NEED TO REST THE HORSE AFTER DENTAL TREATMENTS

Dental structure of horses is a little different than humans. Humans have the hardest structure called enamel as the outermost layer, behind that is a slightly softer structure called dentine and then the pulp where all the nerves and blood supply of the tooth is. On the root we have a yellowish layer called the cementum. When humans have a cavity the enamel and dentine get affected and hence have to be removed. This causes sensitivity.

Horse's teeth are different. A horse's tooth will have layers of cementum, dentine and enamel all interlaced around the pulp or nerves. Also depending on the age of the horse the nerves are far away from the chewing surface. Also horse teeth erupt 2mm a year. So when we float teeth, we are not removing the enamel (hardest structure) only. Correct dental work does not cause sensitivity as we are only removing the sharp points and extra growth of the enamel dentine and

cementum layers. Hence horses can be worked comfortably even right after dental work in most cases.

However horses do have pain when aggressive dental work is done. Also they may have pain when teeth are extracted. This can be managed with medication as per a vet's advice.

Hope these myths have been busted for good. Let's make sure our horses get an annual dental appointment. **Every horse every year** should be our new motto. If you want your horses to stay fitter and younger for longer, call your equine dental technician or vet for an appointment now! Equine dentistry is not an option but the basic mandatory requirement for the good upkeep of a horse.



Dr. Akruiti Choksi is an Equine Dental Technician (NZ & USA); she studied BDS from Mumbai. Dr. Choksi has been a practitioner for the past 13 years in India.

A well-known name in equine consultation, she is known to all Mumbai-based riding schools, racecourses, thoroughbred & Marwari stud farms etc.

Akruti's fame has spread beyond borders to neighbouring Sri Lanka, as well.

Her impressive repertoire includes work experience with the best equine vets & dentists from USA, UK, Australia, New Zealand, Egypt and needless to say, India.

📍 @horsedentist_akruti
📞 Horsedentist Akruiti Choksi

Dr. Choksi is an ambassador of equine healing, and is actively involved with many equine NGOs, and is spreading awareness about horse dentistry.

To add to her list of endless accomplishments, she is also a telepathic animal communicator and a conscious horse-riding practitioner.



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singhorse@rediffmail.com



DR. RAMANATHAN

NO FOOT NO HORSE

WORDS TO LIVE BY!



Farriery and shoeing go back to time immemorial. For as long as the horse has been in the service of mankind, man has, in turn cared for horses and made sure that his hooves and feet, especially- are well cared for! The art and science of farriery has been in practice since 1300. The oldest farrier association in UK was formed in the year 1356.

We will consider, in this article, how present-day practices in farriery and horse shoeing affect the Marwari Horse. The focus is confined to just routine trims and shoeing of horses.

Like any other breed, Marwari Horses are no exception to practices regarding the foot care and the relationship it has with the overall soundness of health of the horse. It has been proven beyond any doubt that the cause of lameness, about 90% of the time, is linked with feet and distal limb in majority of cases. A due consideration has been provided for the special farriery needs and challenges of Marwari horses.

HORSES ARE SHOD FOR THE FOLLOWING REASONS:

1. When the hoof is wearing out faster than it can replenish
2. When there is a need to alter the gait
3. Therapeutic shoes for the various foot conditions
4. Certain shoes become "fashionable" among the horse keeping population

BALANCE OF THE FOOT:

The major component of any farriery program depends on the trim. The trimming is a single farriery act that determines the foot balance. Foot balance mean dynamic and static balance. There are several road maps for the foot balance. Following images might throw some light regarding the foot balance.

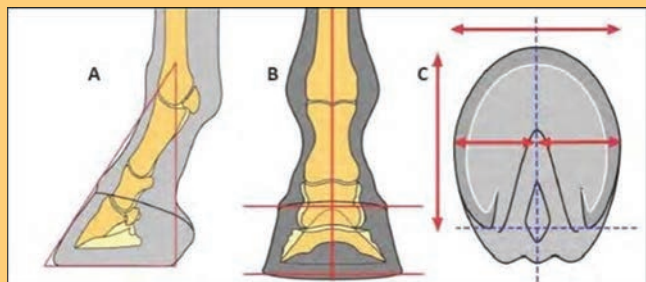
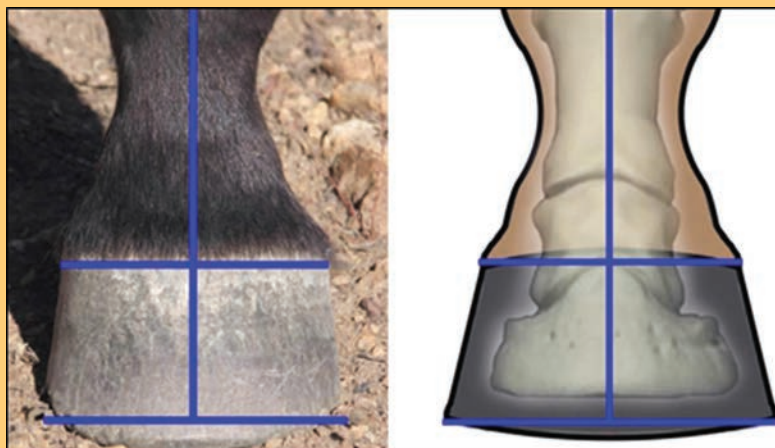


Fig :A depicts side view of the 'ideal' feet. This shows a right angled triangle (red).
 Fig B shows the parallel lines between the coronary band and the levelled ground surface.
 Fig C: Shows the ideal 1/3 and 2/3 distribution of the ground surface of the ideal foot.



The images below depict the balance on the skin's surface and the through the bony column of the distal limb.

A detailed objective way to record will be very handy to determine the progress of each foot. The author usually uses the following format in his practice to record the farriery progress:

PODIATRY FORM

NAME : _____ DATE : _____
 ANAMNE SIS : _____ OWNER _____

LF

RF

LH

RH

| DATE | OBSERVATION | TRIMMING/GFR CHANGES | RE VIEW DATE |
|------|-------------|----------------------|--------------|
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The form has been provided for the benefit of the breeders, farriers and veterinarians to copy and record. The form is not shown well there are I think issues with the formatting – Please attend

The role of trim and its contribution to the balance and foot care cannot be overemphasized. Use of good quality rasps is a must to accomplish the best results. If the tool quality is compromised it will reflect the final outcome. The Author always recommends Pferd rasps for the trims and Anvil brand classic for the knife. While there are several

brand that may be available its quality is to be tested before investment. Always remember that the tools are as important as the feet!

Following case of hoof disorder shows the importance and effectiveness of a routine trim and shoeing:

This mare imported from Ireland on arrival was presented as below :



After 10 months of routine trim and shoeing the result is seen below:





The above case should explain the importance of farriery and its long standing positive outcome.

In conclusion: The take home messages are as follows:

- Routine proper trim to the parameters of each foot is the only way to a great foot care program
- Developing an “eye” for the details based on the routine trim is back bone of each trim session
- Using proper tools is as important as the act of farriery
- Record of the trimming and shoeing sessions will yield a consistent positive impact

(Dr Ramanathan has close to three decades of hands-on experience in India and abroad, and is a highly skilled equine hoof-care professional. Trained in reproduction, general health care and Podiatry, he is a dedicated equine vet in Pune who has his own mobile practice van.)

“

The greatness of a nation is judged by how its animals are treated.

(Mahatma Gandhi)



**PREVENTION
& AWARENESS
ARE BETTER THAN CURE**



DR. PARIKSHIT PUROHIT

The following ailments plague our equine friends, however, as Dr. Purohit states, most ills have simple preventions, which prove better than cure. A little awareness goes a long way!

I. RHODOCOCCUS INFECTION IN NEWBORN FOALS

Rhodococcus equi. (*R. equi*) is a gram-positive bacterium which is an important cause of pneumonia in foals as young as and less than 6 to 8 months of age.

Clinical signs:

- Sub-acute form: onset of fever, tachypnoea & dyspnea, coughing, and nasal discharge are variable
- Chronic form: fever, depression, lethargy, tachypnoea & dyspnea, coughing, and nasal discharge are variable
- Intestinal form: sometime recognised in foals, weight loss, failure to thrive, diarrhea, fever & recurrent colic.

Diagnosis based on:

1. Clinical signs: history of disease on premise
2. Haematology: will show Neutrophilia & hyperfibrinogenemia.
3. Nasal swabs culture is also helpful.
4. Cytology : shows many degenerative neutrophils and gram +ve intracellular coccobacillus
5. Thoracic Radiograph: (X-Ray): shows perihilar nodular lungs lesions.
6. Thoracic Ultrasonography: shows perihilar pulmonary consolidation and abscession on lungs.



TREATMENT OF RHODOCOCCUS INFECTION IN NEWBORN FOALS

The combination of Azithromycin (10 to 25 mg/kg BID) and Refampicin (05 to 10 mg/kg BID) oral medication for 4 to 3 weeks, or say until all clinical signs disappear.

CAUTION: Never use Refampicin alone.

Nowadays a new combination of Clarithromycin and Refampicin have proved to give great results.

BREEDER'S EDUCATION

R. equi infections result in huge economic losses associated with the cost of prevention, treatment, and the death of foals; in cases where the foal survives, it could still suffer from diarrhea, joint sepsis, intra abdominal abscessation and multi focal abscess throughout the body.

Therefore, **PREVENTION & AWARENESS ARE BETTER THAN CURE!**

The Breeder should manage and know the proper time for breeding the mare, as well as be aware of the time of delivery of the foal- ensuring that it is at a comfortable time of the year when temperatures aren't extreme.

Desirable months for foaling are February-March and August- October.

Several strategies are to be adopted by breeders such as decreasing risk of infection through good housing and management practices and isolation of affected foals; these practices are of utmost importance. This early recognition of infection is important and can be facilitated by daily monitoring of temperature, frequent routine physical examination by veterinarian. An early laboratory diagnosis will be a great help to prevent disease.

Some immunity boosters and Ayurvedic preparations to strengthen respiratory systems are advisable to feed orally in healthy status of foal.

II. EQUINE PIROPLASMOSIS (EP) BABESIOSIS, THEILERIOSIS

Equine piroplasmosis is a tick borne haemoprotozoan disease affecting all age groups of horses. These infections are caused by *Theileria equi* (formerly known as *Babesia*) and *Babesia cabali*. They are transmitted by blood sucking ticks namely *Dermocentor*, *Rhipicephalus* and *Hyalomma*.

Clinical signs:

In endemic areas immunity develops such that subclinical infections with low grade anemia, fever, anorexia, depression, icterus, petechial haemorrhage in conjunctiva, tachypnoea, weakness and sometimes colic occur in acute cases.

Severe colic impactions followed by diarrhea, weight loss, poor performance, dullness, depression, pale mucous membrane, intermittent fever are seen in more chronic cases. Ventral edema, constipation, dehydration- are also noticed in some cases. Because of transplacental transmission, newborn foal may be weak at birth, anemia, icterus, fever and petechiation characterizes neonatal piroplasmosis.

Diagnosis based on:

1. Clinical signs
2. Identification of aetiological agents on stained blood smear
3. Blood profile reveals anemia, Thrombocytopenia leucocytosis
4. Several dysfunctions of liver and kidney enzymes are visible

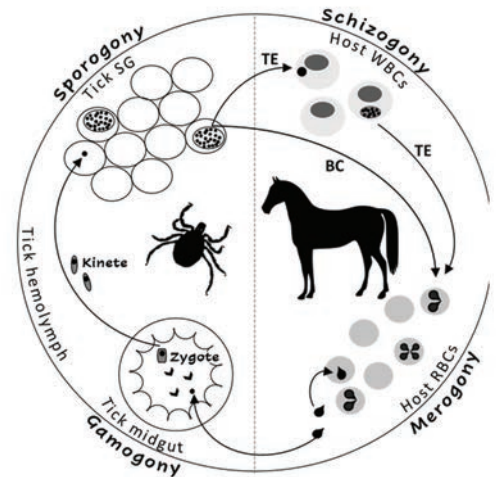


Photo Credit: Scholarly Community Encyclopedia

TREATMENT OF EQUINE PIROPLASMOSIS (EP) BABESIOSIS, THEILERIOSIS

1. Diaminazene diaceturate (3.5 mg | kg) intramuscular is an effective chemotherapy drug. Sometimes Buparvaquone is also effective.
2. Presently, Imidocarb (2.2 mg/kg) /intramuscular is the most effective of existing drugs to combat this disease. A 2nd dose after a 24-hour gap is advised or a dose 2ml /100 kg bid

III. TRYPANOSOMOSIS (SURRA)

This is an arthropod borne disease caused by *Trypanosoma evansi*.

Clinical signs:

1. Progressive weakness, dramatic weight loss, lethargy, fever, anorexia, progressive anemia.
2. Dullness, depression sitting on ground and intermittent fever, which ranges up to 106°F. In stallions, testicular swelling and prepuce swelling are also observed in some cases.
3. If proper treatment is not done in time, horses exhibit some nervous signs like marked ataxia, blindness, tilting of head & circling, dullness, head pressing, hyperexcitability and paddling movements are observed.

Diagnosis: same as Babesiosis.

TREATMENT OF TRYPANOSOMOSIS (SURRA)

1. Quinepyramine salt is used for long term prophylaxis and therapeutic use. (5mg/kg b.wt subcutaneously)
2. Isometamidium Chloride (0.5mg/kg) by deep / intramuscular can also be used as for long term prophylaxis and therapeutic use

BREEDER'S EDUCATION FOR BABESIOSIS & TRYPANOSOMOSIS

Both these diseases impact the economic status negatively because they are acute, chronic and can result in expensive treatment.

1. Simple tips like observing behavioral changes in the horse can save the horse and owner from unnecessary grievance.
2. Regular checking of temperature twice a day (early in the morning & late evening/night)
3. A laboratory diagnosis is a must as this will help to treat and repair kidney or liver dysfunctions, and changes in blood profile.

In case of any abnormality, please call your nearest veterinarian to check the animal.

An experienced vet can diagnose both the diseases by checking conjunctival changes and other clinical signs.



This approach of observation followed by immediate treatment - will save the horse.

Both diseases have a transplacental (from mother to foal) exchange, especially *babesiosis*.

Special care should be taken for pregnant mares, otherwise chances of abortion and still birth (death after delivery) are high; if the foal survives it remains weak and it cannot regain health as expected.

Trypanosomiasis is transmitted from the stallion to the mare during mating and vice versa also. Therefore breeders must be careful!

Early diagnosis of both the diseases i.e. subclinical form of disease is the best way to treat horses. Timely treatment will effectively rule out the disease.

A delay in diagnosis and delay in proper treatment will result in a huge loss for breeders.

Breeders are also requested to give proper rest to the animals since this is a haemoprotozoan disease which affects the health negatively. Proper hydration, extra supplements, immunity boosters fed orally in diet, good health and hygiene practices etc. can help the horse regain its strength. Tick borne diseases, on the other hand, can be easily prevented with regular hygiene practices, and clean stables.

(The Writer is the Senior Veterinary Officer at Sadri, Dist Pali in Rajasthan. He is also a panel veterinarian with MHSBRSI. Dr. Purohit is happy to reach out to anyone who would need help for their horse, and can be contacted on 9829262795.)

BHOMIYASA STUD FARM



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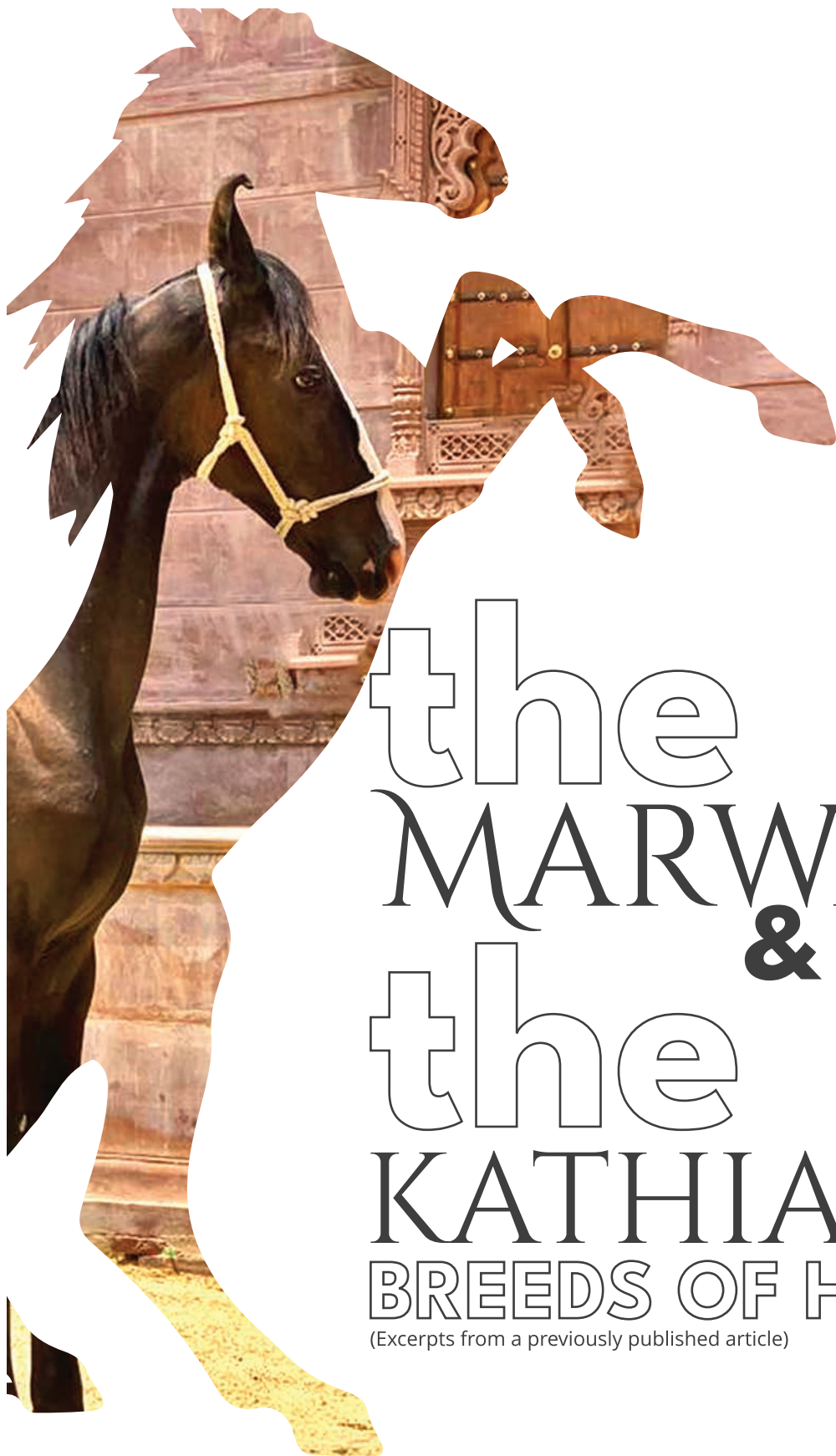


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By Gajendra Pal Singh Posana

the MARWARI & the KATHIAWARI BREEDS OF HORSES

(Excerpts from a previously published article)

Marwari and Kathiawari are the World's two oldest, distinct and pure breeds of horses, indigenous to the neighboring yet diversified geographical areas and have co-existed for centuries without undergoing any serious changes to their pheno-typical expression, maintaining their unique identity. They have been identified for their varied breed characteristics passed on in folklore and "Dohas" for generations, only to be documented as Breed Characteristics in the recent past. In the past they were bred separately and within their breed and rarely cross bred with other breeds. Some changes in the features are due to the changes in the pattern and quality of feeding, changes in the methods of horse keeping and demands of the buyer and genetic intervention by us humans.

Both the breeds have borne heavy wrath of accusations, assumptions from various Authors, Horse Experts, Historians, and even the Government Departments, who claim them to be (a) of similar origin and identical (b) Progeny of Arab Horses, (c) Progeny of Barbs horses, (d) Progeny of Turkish horses, (e) Progeny of the Turkomenian or the Turkoman, (f) Progeny of the Akhal-Teke of Russia, (g) Progeny of the Asiatic Wild Ass, (h) Progeny of the native Tattoos etc. There is also a lot of biased description of these breeds by foreign writers in the past identifying them as bad tempered, vicious, unpredictable nature, weakly constituted, cow and sickle hocked, etc.

No efforts were made by these people to witness some good animals of the breed, ride and understand them, they just wrote to cover all the breeds in their books on all breeds of horses. It hurts even more when our own Governments and Indian writers loyally follow these biased descriptions about origin and characters of our Mighty and Majestic Breeds. To our satisfaction the recent scientific researches on genetics of World Horse Order indicates these two Breeds as the two oldest and distinguished Breeds of Horses and also contributors to many Breeds of the world including the Arab.

In-fact both fine pure breeds have always co-existed with another horse breeds like the Sindhi which has features that do not correspond to these both breeds which are bred extensively in the Sindh and Punjab provinces of Pakistan. Though some were found in some border areas around Barmer and Jaisalmer, parts of Kutch and Punjab due to the vicinity and matrimonial relations of people in North Western Gujarat and Western Rajasthan in Sindh. The finer and graceful Sindhi horses of the Punjab and Sargodha-Umarkot areas of Sindh Pakistan which were an outcome of breeding the Sindhi mares with the Arab Horses, were not generally found here as they are owned by rich and prominent Muslims and Rajput Feudal Heads who would not part with them, though some came as gifts.



The Sindhi here was a horse around 15 hands high, blessed with amazing stamina, tough and could eat almost anything to survive. Many Jagirdars of Marwar and other affluent families, maintained separate strings of these breeds, only to be bred with the animals of its breed and NEVER crossbred. In the times gone by the Sindhi horse was a workhorse, which could be lent to anybody and had the saddle on through the day, was not so pleasant looking and not very expensive to buy either. It was often used as a teaser. When left to graze, with the other fine horses, it was securely tied with a Ti-Paga or a Cho-Paga (Hobbles to tie three or four legs of a horse, especially an entire horse, not to allow him to cover a Marwari mare at any cost) to tease and determine the right time of covering a mare in estrous. With the Borders now fenced this breed is lost and almost extinct in the Country excluding some in Border areas of Barmer, Kutch and now Surat.

It is often observed that writers refer to the Marwari and the Kathiawari breeds as identical. The only common phenotypical expression noticed in the two fine breeds is the fact of meeting of the ears at the tips, but if one closely examines the manner in which the ears meet, they would notice that actually, there is lot of difference in the shape, size and the placement of the ears. Differences are noticed in almost every body part of the horses of the two breeds.

Yes, there are some distinguished common characters in these breeds too. Beauty and presence, intelligence and alertness, faithfulness, eagerness and courage in war and hunting, endurance and stamina coupled with power and speed, hardiness, ability to bear thirst, hunger and heat and sensitive nature are some of the common features in both the breeds, which have made them very popular, admired and even worshipped. Both the elite Indian chargers are Hot Blooded horses too. Our history talks of many battles for acquiring horses and even close relationships of families were put at stake to wrest away a good horse.

To study the characteristics of any breed, we must take into account the geography, climatic condition, feed & fodder, usage and also human influence on the breed by selective breeding and the demand of the market. The Kathiawari is a horse from the Kathiawar/ Saurashtra region of Gujarat located between the Gulfs of Kutch and Khambhat with a long coastline. This area is known for its dry and hot climate in most parts and hot and moist in some. The natural vegetation on most of the peninsula is xeric scrub, part of the Northwestern Thorn Scrub forests eco-region and also of the Kathiawar-Gir Dry Deciduous forests eco-region. This a land of hard dry, rocky/hilly surfaces in most parts and some of the best agriculture lands of the country with streams of fresh water and black soil in other.



The horse of this area had to be powerful broad chested, short compact animal with a good lung & heart capacity, thin flaring nostrils and a fine throat latch to ease the intake of air needed on a long gallop, incredibly sure-footed with small but strong fetlock joints with big sized hard hooves to run on the hard and sometimes rocky terrain, strong quarters to scale the heights and run from natural dangers of the Lions in the area, small muzzle to drink out of the smallest possible puddle or pool of water, fine skin to cool off the heat, with shades of DUN color, camouflaged with the background of the terrain. A short well crested neck carried high, alert and pricked ears with wide open large eyes to look out for any lurching danger, aggression and courage to fight out for survival.



The breed was also known for its bonding with the other horses of the herd and later bonding with its Patrons, the Kathi Rajput and other Warrior Rajput Clans of the land, creating new tales fighting wars and proving their worth. Due to these characters and Majestic presence the Kathiawari horse, in spite of being a small horse is not a pony but a HORSE BREED. From the horse that they found in their land, the Kathiawari was further developed into a perfect War Horse and a Noble partner. The contribution of the Khachars, Khumans and Vala Kathi Rajputs to the development of the breed will always be remembered. Jadeja, Jhala and Chudasama Rajputs, Brahmin Community, Charan Community, Barot Community, Mehar and Ahir Communities, Mirs and the Muslim Communities of Kathiawar, Nawabs of Junagarh and many others have also contributed to the development of the breed. Many temples and holy Institute like that of Shree Bhuvaneshwari Peeth Gondal, Swami Narayan Temples of Sarangpur and Gadhada in Bhavnagar District, have contributed a lot and are still working for the promotion of the breed. Breeders from the Patel, Desai and Thakore communities have also contributed to the cause of Kathiawari horses in contemporary times.

The Kathiawar and Marwari Horse Breeders Co-Operative Society Gondal and the Kathiawari Horse Society of India are the organizations working for the breed. Devoted work for the promotion and preservation of the breed is done by Acharya Shri Ghanshyamji, Shri R D Jhala IPS Retd., Darbar Satyajeet Khachar of Jasdan and Shri Rajendra Singh Jadeja Porbandar and their team.



Government of Gujarat is also showing keen interest for the development of the Horse breeds. The recent Seminars at Junagarh, Anand, Ahmedabad and Rajkot and regular Horse shows, is the result of Governments interest, pursued by Breed Societies.

The Marwari breed too derives its name from the area of its origin MARWAR, with Rathore Rulers as its main Patrons till date. Marwar, meaning a desert or deserted area and also "Land of Death", is a sandy plain lying northwest of the Aravalli Range, which runs southwest-northeast through the state. Annual rainfall is low, ranging from 10-40 cms, temperatures range from 48 to 50 degrees Celsius in the summer, to freezing point in winter. The thorn scrub forests lie next to the Aravalli Range, while the rest of the region lies in the Thar Desert. The sandy tracts of Thar Desert in western Marwar are characterized by a harsh physical geography, a fragile ecology and prone to devastating droughts. Sand storms, shifting sand dunes and very deep saline water sources, pose a challenge to sustained human habitation. Thar Desert is/was one of the most inhospitable landscapes on earth, horses and people are a reflection of their land. Luni river, flows through Marwar in a south-westerly direction, disappearing into the seasonal wetland of the Rann of Kutch, is fed by numerous tributaries like the Jawai, Bandi, Sukri that flow from the Aravalli. Irrigation from the river and from wells near the river, support crops of Pearl Millet, wheat and barley. A courageous horse was needed to negotiate the harsh terrain, searing climate; hot choking conditions of the Arid Rajputana, surviving on scant rations and water and to carry fully accounted warriors into battle.

Many households patronized certain sub-breeds of Marwari Horse and kept good numbers of mares and bred them with stallions, other than their own bloodline. The important centers of Marwari Horse breeding and preservation were Chanod, Beda, Badgaon, Jasol, Rohit, Guda-Nagar, Hariadana, Daspan, Padeev, Bhadrarjun, Bhavrani, Nosra, Pawa, Morseem, Patodi, Thob, Mokalsar, Varkana, Sewari, Korta, Posana, Ransigaon, Jojawar, Bisalpur, Chitlwana, Bakhasar and Danta, Patan, Tharad, Deodar, Phorna, Borol, Lorwada, Vaav in Gujarat. Religious *Mutts* like Devdarbar, Rampura, Valer, Sewadia, Bhalni, Kotkasta reared quality breed of horses. Religious sects in Punjab like Udasins and Nihangs also patronized Marwari horses. Maratha and Sikh nobles were great patrons of the breed and there are historical references of these nobles acquiring horses from as far as Mallinathji cattle fair held at Tilwara.



A horse of this area has a natural high head carriage owing to looking out long over clear vast expanse of land for other horses, wariness of danger, its inherent alert nature and also because of its proud, arrogant, flamboyantly showy nature. Alert sensitive ears caught the faintest of sound and movement miles away. Long legs with hard cuplike hooves to keep the body away from the scorching hot sand, fine coat to cope with heat without excessive dehydration and endurance in long journeys under desert conditions. Long eye Lashes to save the eyes from sandstorms. It has powerful and well-developed quarters, broad well sprung ribcage to carry a big heart and lungs to support the big powerful and agile body of the grand horse. It has an amazingly fine throat latch on a strong long neck, which is broad at the base and a high set tail to steer the body on a chase or in case of fleeing from danger. Neck which is slender in mares and crested in stallions and a strong muzzle to reach the ground while grazing without effort and dig out tiny bits of grass and roots from the soil to survive on minimum amount of food available. The Marwari is a formidably aggressive, courageous and would not fear fatal injuries or even self-sacrifice when in battle or when infuriated.

When we discuss the characters of an ideal Marwari and Kathiawari horse, allowance should be made for sex, age, usage and condition. A stallion should be masculine and the mare feminine. Foals change as they grow to maturity and old horses is discounted for the changes due to old age. The influence of the period in the last 100-150 years, has led to some changes in the characteristics of the breeds. Due to the growth of machinery and vehicular means of transport, pressure of population on grazing lands, government-imposed agriculture land ceilings leading to the traditional breeders and other prominent people of the society converting grazing land into cultivated lands, has led to the changes in the built and conformation of the horses. There are some breed characters that exist and are desirable, some exist in many animals but are undesirable, and there are a few characters that existed earlier but do not exist in many animals now, should be re-introduced with selective breeding.



VARUN PATEL PHOTOGRAPHY



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PREVENTION MANAGEMENT AND TREATMENT OF LAMINITIS IN HORSES

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Laminitis or founder is one of the most perilous disease of horses causing extreme pain and loss of performance. It is Inflammation of the digital laminae of the hoof. Laminae provides suspension to the digital bones within the hooves and absorbs shock during locomotion.

There are many causes of laminitis such as high carbohydrate diets, obesity, toxemia, pyometra or metritis and retained placenta are one of the most common causes of laminitis. Laminitis can also be induced by the treatment with steroids. Loss of sleep during transportation, water deprivation and

dehydration may also induce laminitis. Excessive concussion of the road to the feet for a prolonged period of time can also cause road founder. Water founder may be established when an overheated horse is allowed to take large amount of water. Laminitis because of excess weight bearing may occur in one foot due to injury in the opposite foot. Enteritis, colitis or endotoxins's absorption from the intestine also induces laminitis. Insulin resistance also makes horses and ponies prone to laminitis.

If a horse is provided excess amount of carbohydrates then the horse become unable to digest all the eaten carbohydrates in the foregut and the excess carbohydrates move to hindgut and ferments in the caecum. Fermentation leads to proliferation of lactic acid bacteria and consequent acidosis. Decreased pH kills beneficial bacteria and population of the toxin producing harmful bacteria increases. The toxins then get absorbed, due to increased permeability of gut, caused by irritation of gut lining by toxins and increased acidity. Endotoxaemia and carbohydrate overload also reduce insulin sensitivity in horses. The result is inflammation in the lamina of the feet, where swollen tissues have no place to expand without inflicting injury to other structures. Excess fructan contents of fresh spring grasses can also lead to laminitis. Fructan causes imbalance of the normal bowel microflora and leads endotoxin production. Systemic bacterial infections also release endotoxins into the circulation. Horses having long toes working on hard ground may suffer from mechanical separation of the laminae. Laminitis can also develop after exposure to certain agrichemicals such as certain herbicides and synthesized nitrate fertilize

CLINICAL SIGNS

In initial stage of laminitis repeated shifting of affected feet during standing and lameness during walking is most common sign. In chronic laminitis affected horse may like to remain in sitting position. If laminitis is in the front hooves, horse brings its hindlegs under the body and keeps its forelegs stretched out. Laminitic sings also develop on the affected hooves. On progression laminitis may lead to rotation or sinking of third digit and consecutive abscesses formation within the hoof capsule. Usually the toe area of the foot is affected by rotation of third digit. It occurs when the laminae damage is less severe. Deep digital flexor tendon and the weight of the horse pull the dorsal surface of the coffin bone away from the inside of the hoof wall and force the coffin bone to rotate. If rotation continues, bone tip can penetrate the sole, that is called sinking. Sinking results after complete failure of the interlinks between the sensitive and insensitive laminae around entire hoof wall and complete separation of hoof wall from the rest of hoof. There may be pus discharge at white line or coronary band. Consequently the tip of coffin bone can penetrate the sole also.



TREATMENT

Identifying and removing the causative agent like high grain feeding, lush pastures, uterine infections for is most important for the treatment of laminitis. Combination of various therapeutic agents like selective COX-2 inhibitors, analgesics, heparin, nutraceuticals, and inhibitors of matrix metalloproteinases (MMPs), physical therapy, relief of weight bearing, deep digital flexor tenotomy, and case-appropriate trimming and shoeing are the most important part of laminitis therapy. Pentoxifylline and oxytetracycline are used to control MMP-2 and MMP-9 activities, while doxycycline and flunixin meglumine are comparatively more effective for inhibiting MMP-2 activity than MMP-9 activity, so they can also be used along with other medications for laminitis. Applying cold water or ice on the hoof wall at initial stage of laminitis is beneficial. Digital cryotherapy can also be used for the prevention of laminitis in horses suffering from colitis. Non-steroidal anti-inflammatory medications (NSAIDs) are the main drug type used for analgesia as well as control of any ongoing inflammation. Phenylbutazone is the used when the condition developed due to local and mechanical cause. Flunixin is more beneficial when the condition developed due to systemic region. Use of NSAIDs considerably increases the risk of gastric ulcers, kidney disease, and colitis. Pentoxifylline and isoxsuprine can also be used for their effect on improving peripheral circulation along with anti-inflammatory effects. Vasodilators increases laminar blood flow. However, in developmental phase of laminitis they are contraindicated. Systemic injection of acepromazine as a vasodilator and mild sedative is effective, it reduces horse's movements and resultant concussion on the hooves. Nitroglycerine can also be used a topical application. Derotation of the rotated third phalanx is essential to provide it proper space and orientation in the hoof capsule. For this trimming of hoof capsule should be done to stabilize the axial skelton in the hoof. Trimming of heal is also needed in the direction to develop required frog pressure. Horses also need mechanical supports such as shoes or pads. All the stabilizing efforts should decrease the pulling pressure on coffin bone. Attempts should be in the direction to shift away the weight from the laminae. External devices including 3M support foam, Heart bar shoes, Lily pad, Nolan hoof plate and ultimate Wedge can be used for stabilization and support. In the advanced cases of pedal bone rotation tenotomy of tendon in the cannon region (Deep digital flexer tendon) or in the pastern region is advocated.

Common reproductive problems in **MARWARI MARES**

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INTRODUCTION

The main objective of the equine breeder is to get a maximum number of foals from the breeding mare in its lifetime using the limited breeding season efficiently and it can be achieved if one foal is obtained every year during the breeding life of that mare. In horses, breeding the mare is the main input for the breeder and it is very important to foal high percentage of mares each year, because of the high maintenance cost of the mares, the estimated economic cost of producing a foal and sale as a yearling. This high cost is partly the result of relatively low (50-70%) live foaling rates. So keeping a mare when she is not going to foal in that year is an economic loss. Improvement in reproductive efficiency could significantly lower the average economic cost per foal (Nagy 2006).

Some of common reproductive problems frequently encountered in indigenous Marwari mares are summarized here.

POOR VULVAR CONFORMATION

Abnormalities of the perineum, including integrity of the anal sphincter and vulvar conformation, can predispose mares to aspiration of air and faeces into the genital tract and lead to pneumovagina and metritis. An assessment of vulvar conformation should include the relationship of the dorsal vulvar commissure to the pubis, the adequacy of the seal formed by the vulvar labia, and the angle of the vulva. Caslick's operation is done for correction of vulvar conformation. A wind-sucking test performed by gently parting the labia and listening for the sound of air rushing into the vagina can identify mares that would benefit from Caslick's vulvoplasty. (Caslick 1937).

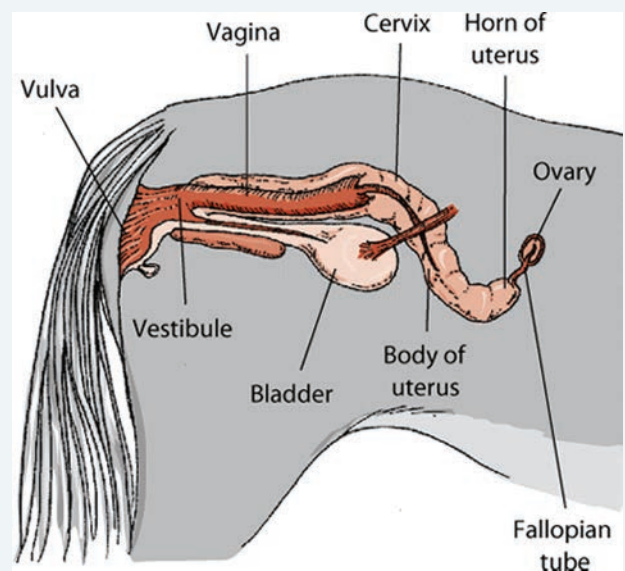


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URINE POOLING

Pooling of urine into vagina is termed as urovagina. Older pluriparous mares have reflux of urine into vagina during urination. Due to successive pregnancies descent of birth canal into abdomen and cranial displacement of urethral opening till pelvic brim causing mare to urinate uphill. The urine accumulation in vagina causes irritation, vaginitis, cervicitis and endometritis and dribbling of urine from vulva. It is corrected surgically by urethral extension technique as described by Brown et al., 1978.

UTERINE INFECTION

Any uterine infection like bacterial and fungal leads to endometritis and metritis. It may lead to infertility of mare. Uterine inertia resulting from dystocia, uterine torsion, and hydrops, abnormalities of the allantoic or amniotic fluids or endocrine imbalance may predispose a mare to puerperal infection. Mucopurulent to purulent discharge from vulva is noticed. Ultrasonographic examination reveals fluid accumulation with echogenic specks in uterine lumen. Uterine culture is important tool for diagnosis of uterine infection. The most common clinical signs associated with maternal endometritis-metritis during the puerperal period are an abnormal vulvovaginal discharge and fever. Treatment of uterine infection include lavage of uterus with $\leq 1\%$ povidone iodine solution then administration of intermittent injection of 10 to 20IU oxytocin for removing fluid from uterus. Then systematic and intrauterine antibiotic combination like metronidazole, ciprofloxacin and gentamicin should be given for 3 days. Flunixin meglumine are used to treat signs of laminitis or endotoxemia-septicemia Younquist and Threfall (2007).

OVULATION FAILURE

Incidence is of ovulation failure during breeding season has been reported 3.1 to 8.2% and increases with age. (Hughes et al.,1972). It is normal during transitional period and in post partum mares, but abnormal during breeding season. It results in large sized follicles 5-15 cm in size, persist upto two months and prolonged period of behavioral anestrous results in long interovulatory interval (Meyers,1995). Anovulation has been attributed to insufficient LH surge (Mckinnon,1997), insufficient estrogen from pre-ovulatory follicle (Pierson,1993) and hemorrhage in lumen of pre-ovulatory follicle (McCue and Squires,2002). On rectal palpation the persistent follicle with liquid to gelatinous consistency is palpated on ovary. Anovulatory follicle (AOF) may contain blood and also called haemorrhagic anovulatory follicle. By ultrasonographic examination the detection of echogenic particles in follicular fluid, high echogenic follicular wall and later echogenic fibrous strand traversing the follicular lumen. The 85.7% AOF becomes luteinized and remaining 14.3% remain non luteinized. The non luteinized AOF spontaneously regress in 1 to 4 weeks. Luteinized AOF responds to prostaglandins resulting in progesterone decline and return to estrus. (McCue and Squires, 2002). AOF can be prevented by hCG administration 1500 to 3000 IU in mares exhibiting behavioural estrus, with uterine edema and large follicle size more than 35 mm. (McCue, 2007).

OVARAIN HAEMATOMA

Haematoma results from excessive hemorrhage into follicular lumen following ovulation. (Meyers,1995). The affected ovary is large 10-30 cm in diameter. Haematoma drag the uterus in suspended position can interfere with oocyte pick by fimbria or which interfere with embryo motility and maternal recognition of pregnancy and causes embryonic death. Smaller haematomas can result in pregnancy and maintained it to term. The ovarian haematoma regress in months and no treatment is required.

OVARIAN NEOPLASIA

Granulosa cell tumour (GCT) of ovary is common tumour reported in mares which are unilateral, slow growing and benign. The mares exhibit behavioral abnormalities like prolonged anestrous, stallion like behaviour or persistent estrus. The contralateral ovary is inactive and small. (Hughes et al.,1980). On rectal palpation affected ovary is very hard. Ultrasonography usually reveals honey comb structure but solid mass or single large cyst are also reported (Hinrichs and Hunt 1990). Serum levels of inhibin ($> 0.7\text{ng/ml}$), testosterone ($>50\text{ pg/ml}$) and progesterone ($<1\text{ng/ml}$) confirm diagnosis. Ovariectomy is done through flank laparotomy or ventral midline laparotomy approach. Contralateral ovary resumes cyclicity in next breeding season.



Photo Credit: www.researchgate.net

PERSISTENT CORPOUS LUTEUM

In non-pregnant mares the CL is functional for 14 to 15 days. The persistent corpora lutea (PCL) fail to regress at normal time ovulation (Stabenfeldt et al.,1974). It may persist for 2 to 3 months. PCL are formed due to late ovulations the CL are immature at time of luteolysis, embryonic loss after the time of maternal recognition of pregnancy, chronic uterine infections resulting in endometrium destruction and diminished PG release (Ginther,1990). The mare will not return to estrus. Rectal examination will reveal tone in uterus, cervix is identifiable by palpation. Vaginal speculum examination cervix will appear tight and dry. PCL is always visible by ultrasonography. PCL can be treated by single intramuscular dose of prostaglandin 10mg Dinoprost or 250 μg of cloprostenol.

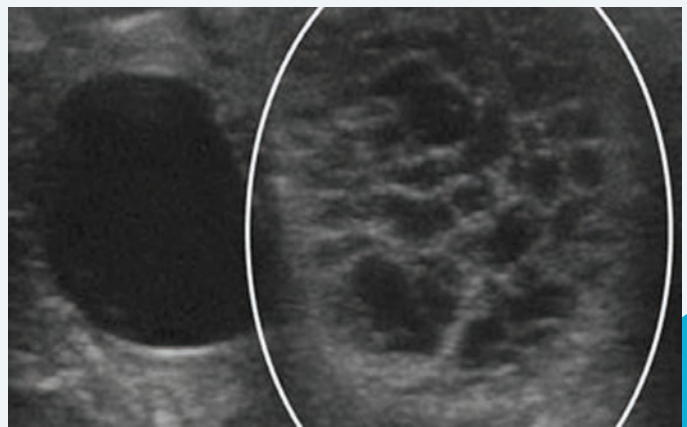


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SILENT ESTROUS

Silent estrous in mares is psychological. Mares are in estrus physiologically but not respond with any positive signs of heat when teased and reject natural mating. By rectal examination mature follicle on ovary, edematous external os and relaxed cervix can be palpated. Ultrasonography reveal endometrial edema and absence of functional CL. serum progesterone will be $<0.5\text{ng/ml}$. The mare conceives by AI. Teasing should be done in every possible manner (Newcombe, 2007).

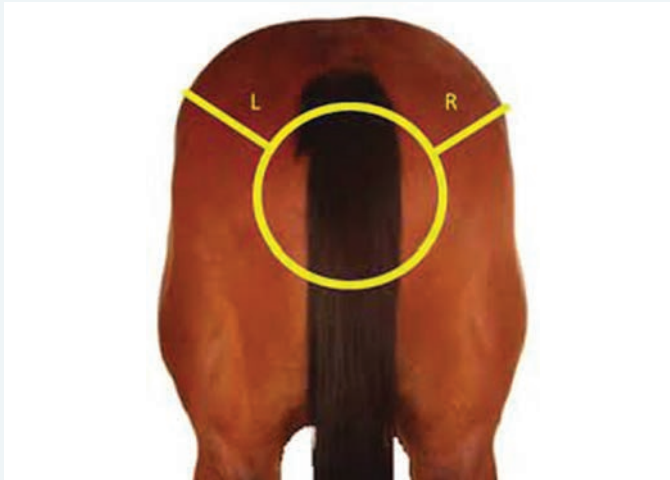


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TWINS

Twinning is highly undesirable condition in the mare. Twins are believed to be dizygotic. more common in those breeds with a higher incidence of multiple ovulations (Ginther, 1986). Fatal consequences includes late-term abortion of twins, or delivery of twins at term, include dystocia, retained placenta, delayed uterine involution and metritis, and of course, death of one or both twins. If twins are not reduced to a singleton at an early stage of gestation, the usual outcome is late-term abortion. Few twins are carried to term and survive. The twins can be unilateral or bilateral. Natural reduction occurs in 75% of unilateral twins before 40 days. However, mares with bilateral twin pregnancy, or with unilateral twin pregnancy beyond 40 days of gestation, are likely to abort both twins late in gestation when placental contact with the uterus becomes insufficient to maintain fetal life. In some cases, one twin dies and becomes mummified, allowing the other twin to continue to develop and be maintained to term. Transrectal ultrasonography is used to detect twins at day 14 to 17 of gestation. Manual crushing is done before day 17. Xylazine can be given for uterine relaxation before crushing at sedative doses. (Pycock, 2007).



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INCOMPLETE CERVICAL DILATION

This condition mostly present in older mares due to fibrosis of cervix. Disturbed cervical dilation leads to accumulation of fluid in uterine horn that predispose the mare to endometritis. A cervix that does not dilate completely may reduce the stallion to vaginal ejaculation as opposed to an intrauterine ejaculation and may make delivery of the foal difficult. The administration of prostaglandin E2 gel is effective to promote dilation of cervix (Ekman et al.,1983). The prostaglandin E2 gel works by increasing soluble collagen structures which cause softening and relaxation of cervix (Rigby et al.,1998). This ripening of cervix with induction of oxytocin reduced the labour length and facilitated the passage of fetus; alternatively mares that delivered with a tight cervix were more prone to have prolonged labor, premature separation of placenta, birth hypoxia and reduced foal vigor. (Macpherson et al.,1997).

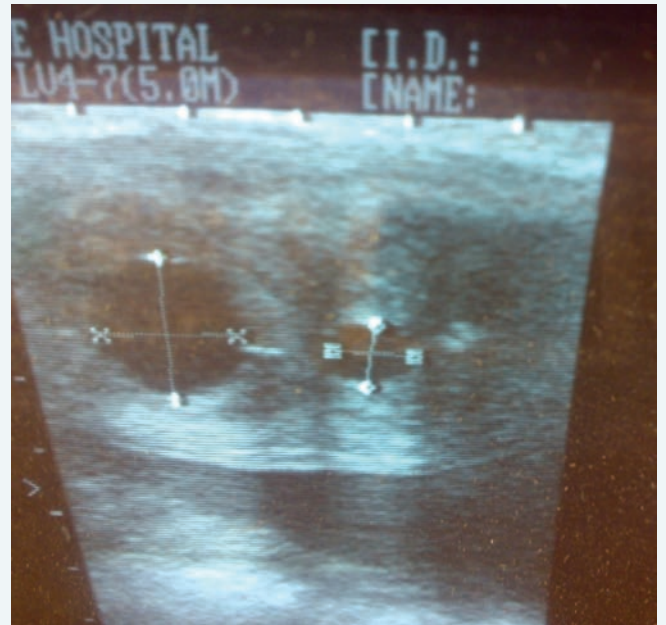


Fig.Twins 16 and 14 days old

PREMATURE PLACENTAL SEPARATION

Premature placental separation is an emergency during foaling. In this condition first water bag does not rupture at end of first stage of foaling and chorion separates from the endometrium leading to poor gas exchange which can cause still birth. The condition can be diagnosed by noticing velvety red surface of the chorioallantois is presented at the vulva (Red bag delivery). It should be differentiated with everted urinary bladder and immediately ruptured to deliver foal. Premature placental separation sometimes also occurs in mid to late gestation with placentitis, death of a fetal twin or impending abortion. The mare may begin to lactate prematurely in such cases. When fetal membrane separation during gestation is suspected, a thorough examination of the reproductive tract, including assessment of fetal well being, should be performed. If abortion is imminent,

assistance can be provided to ensure the mare delivers the abortus without dystocia. If the cervix is closed and the fetus is alive, therapy with progestogen (altrenogest or progesterone) or flunixin meglumine should be instituted. Pentoxifylline (7.5 to 10 mg/kg, every 8 to 12 hours PO or IV) may provide added benefit to improve malleability of red blood cells and thus potentially improve circulation through the intact placenta. Some practitioners have used clenbuterol to prevent uterine contractions and thereby reduce placental separation (Blanchard et al., 2011a).

UTERINE TORSION

Uterine torsion occurs uncommonly in mares; however, it does account for a 5-10 % percentage of serious equine dystocia (Vandeplassche et al., 1972). Uterine torsion occurs more commonly in preterm mares (5 to 8 months of gestation) than in term mares. Preterm mares with uterine torsion exhibit signs of intermittent, unresponsive colic. The condition is diagnosed by determining

displacement of the tense broad ligaments via palpation per rectum. Identification of the ovaries is helpful in determining that "twisted" structures are indeed the uterus and broad ligaments. (Wichtel et al., 1988) Treatment is modified schaffer's plank method. If detorsion not achieved then c-section is option.



Fig. Correction of uterine torsion by rolling

PROLONGED GESTATION

Foaling between 340±20 days of gestation is considered normal. If gestation length is more than 360 days dystokia can occur due to fetal oversize. Causes of prolonged gestation includes embryonic development arrest during early pregnancy, season and placental insufficiency. Feeding *Acremonium*-contaminated fescue grass (fescue toxicosis) leads to placental insufficiency and agalactia. Vets are requested by owners to induce foaling to avoid dystokia. Two mg PGE₂ is applied on external os to soften cervix 4 to 6 hours before induction. Inj oxytocin is given 20 IU at 15 minute interval until second stage starts, or 60 to 100 IU given IV in 1 liter NS at rate of 1 unit/min until second stage starts.(Blanchard et al.,2011b). Domperidone is given at 1.1mg/kg orally before foaling to prevent agalactia.(Ryan et al.,1998)

RETENTION OF FETAL MEMBRANES

Dystocia, uterine inertia and uterine torsion leads to retention of fetal membranes. Retention of the fetal membranes is reported to be the most common problem in postpartum mares. The length of time varies among authors from 30 minutes to 6 to 12 hours. This condition is reported to occur with a frequency of 2 to 10.5%. Following dystocia or prolonged gestation, there is also an increase in the incidence of retained fetal membranes. During normal parturition, separation occurs between the allantochorionic membrane and the endometrium during stage III of labor. excellent results have been reported with oxytocin in the treatment of retained fetal membranes (Roberts, 1986) The use of oxytocin in a slow intravenous drip with 30 to 60 units placed in 2 L of saline and administered over an hour or of 80 to 100 units added to 500mL saline and administered over a 30 minutes were both successful. Oxytocin can be administered as a bolus intravenously or intramuscularly. Doses for bolus injection range from 20 to 120 units. The administration of oxytocin can be

repeated at 1.5 to 2-hour intervals until the placenta is delivered. Manual removal of placenta is not recommended by most authors because it may lead to life threatening condition. The complications most frequently reported following retained fetal membranes include metritis, laminitis, septicemia, and death of the mare. intrauterine and systemic antibiotic therapy to prevent septic metritis. Substances such as antihistamines, phenylbutazone, nonsteroidal anti-inflammatory drugs, and tranquilizers have been included in recommended therapy for retained fetal membranes. It has also been suggested that the quantity of roughage be reduced in animals demonstrating signs of laminitis and that grain be completely eliminated from the diet. Some authors recommend flushing the uterus when septic or toxic metritis is present or manually removing the placenta immediately to reduce the possibility of laminitis.



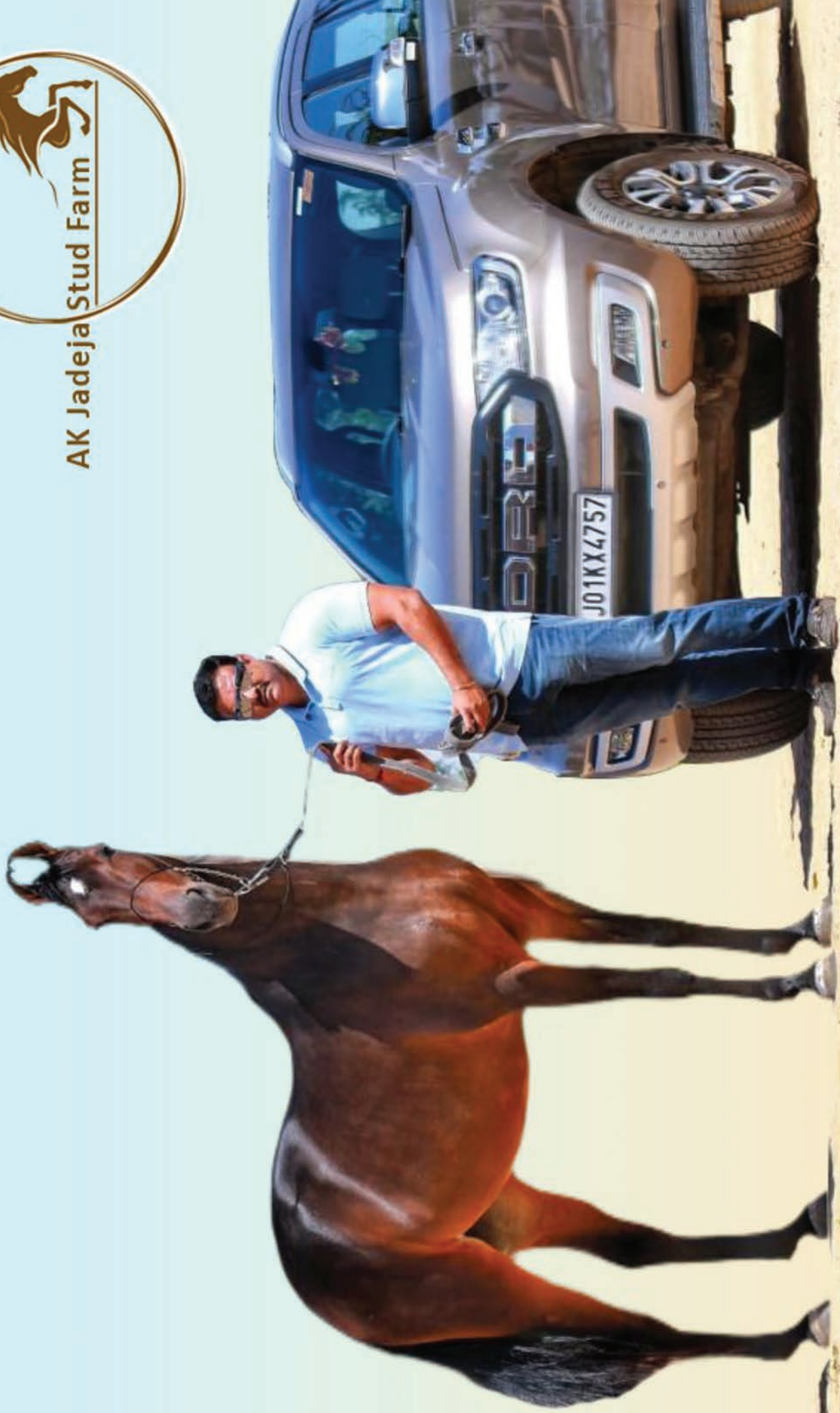
Fig. Retention of part of placenta

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AK Jadeja Stud Farm



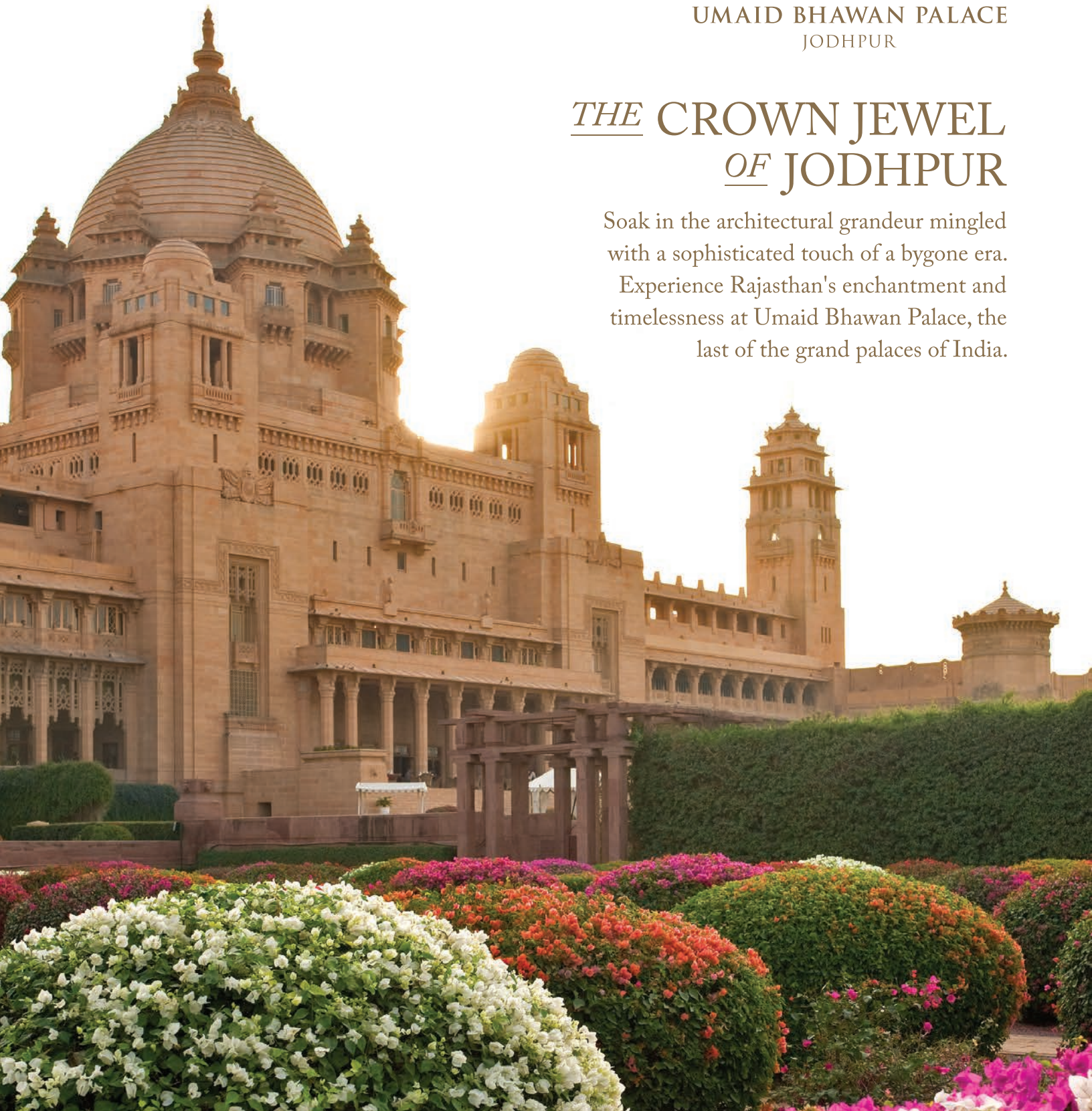
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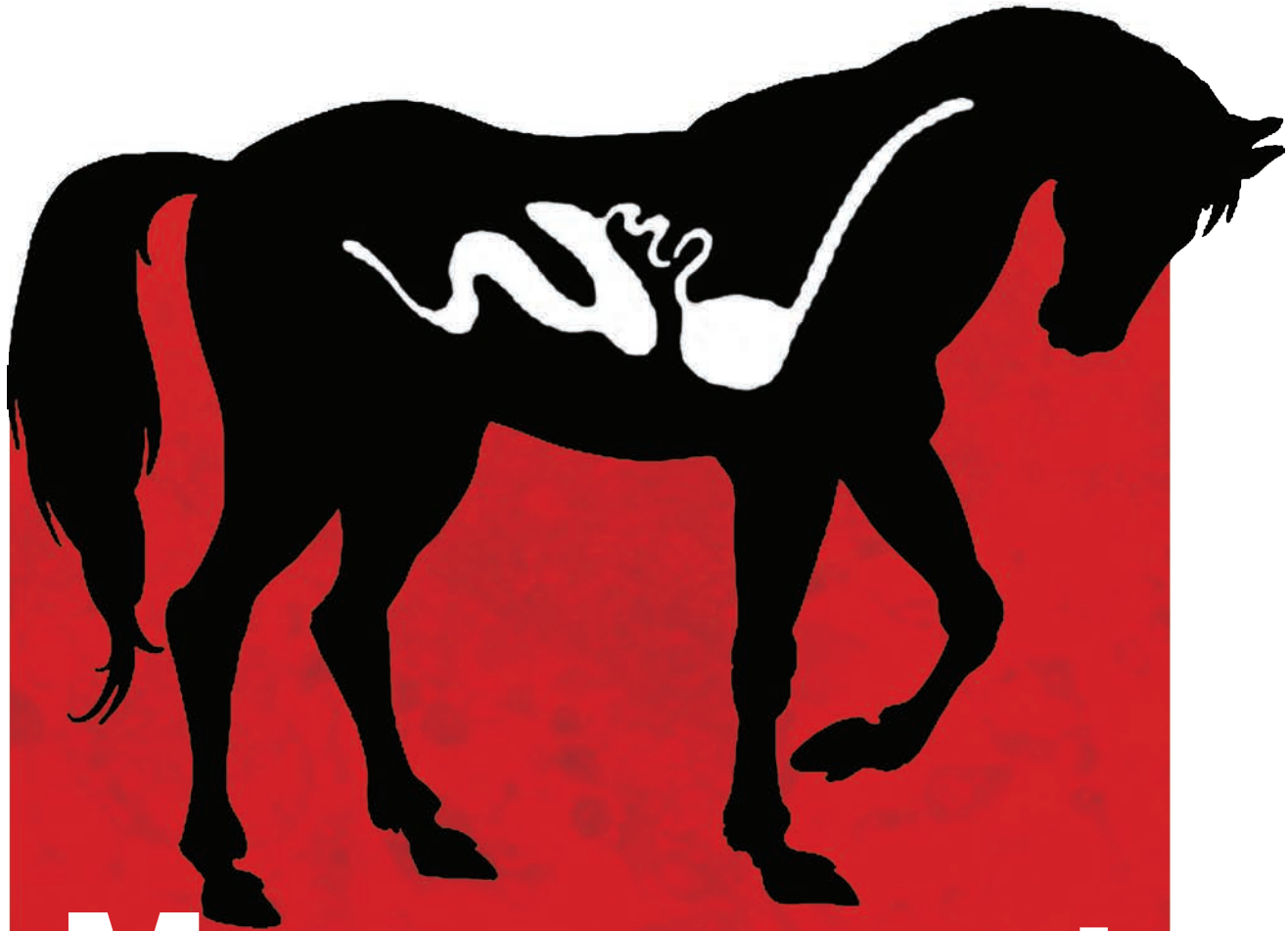
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Rajender Kumar*
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Management & Control of common Helminthic Infections of Equines

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INTRODUCTION

Animal husbandry is an important part of Indian agriculture, providing employment to more than two-thirds of the country's rural population. Livestock production accounts for almost a third of the agricultural gross domestic product (GDP). The livestock sector in India is experiencing several hurdles in terms of producing high-quality products that meet international standards, necessitating the provision of comprehensive animal health care. Existing and emerging infectious and non-infectious illnesses have a significant impact on the livestock industry. Among infectious diseases, parasitic infections produced by helminths, protozoa, and ecto-parasites severely impair the animal productivity and health.

The equines constitute horse, mule, donkey which are significant component of livestock sector. These animals are infected by a wide range variety of parasites, which harms the animals in varied way, resulting in anaemia, tissue destruction, tumour formation, mechanical obstruction of alimentary canal, blockage of ducts/blood vessels, endothelium aneurysm, intoxication etc. to host. Parasite management and control practices demands a thorough understanding of epizootiology of equine parasitic diseases, including knowledge of the life cycles of the parasites concerned and the ecology of the different developmental stage.

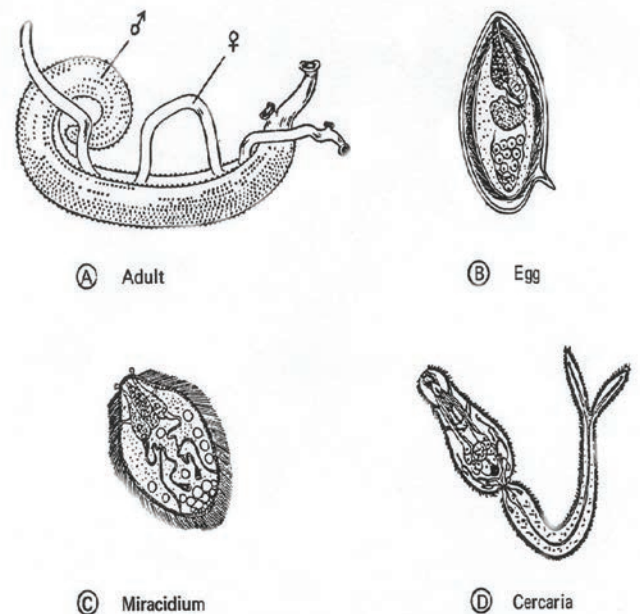
A brief description of commonly occurring equine parasites and their management strategy is given as follows.

1. TREMATODES (FLUKES)

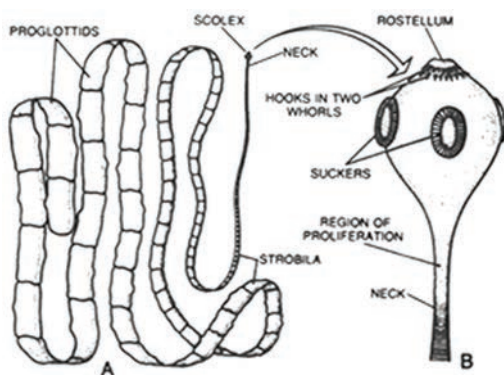
Mostly dorso-ventrally flattened, hermaphrodite, un-segmented and leaf like in shape. Life cycle is indirect with sexual and asexual generations parasitizing alternate hosts. Snails act as intermediate host for trematodes. Adult forms of important flukes are primarily found in alimentary tract, bile duct and vascular system of animals. The schistosomes differ from other flukes and are unisexual. Common trematodes affecting equines are *Gastrodiscus aegyptiacus*, *G. secundus*, *Pseudodiscus collinsi*, *Fasciola spp.*, *Schistosoma indicum*, and *S. bovis*.

Gastrodiscus aegyptiacus, *G. secundus* and *Pseudodiscus collinsi* are found in large and small intestine of equines. Schistosomiasis in equines is mainly caused by *Schistosoma indicum* and *S. bovis*, which occur in portal and mesenteric veins and cause ascites, anaemia, emaciation and hyperpigmentation of lungs and liver.

Diagnosis is made by the demonstration of trematodes eggs in faeces by sedimentation technique. On post mortem, marked enteritis and a large number of pomegranate seed shaped flukes attached on intestinal mucosa can be seen. Flukicidal drugs like triclabendazole, oxcyclozanide, clioxanide, rafoxanide, praziquantel, niclosamide, nitroxinil, bithionol etc. are recommended for treatment. The snails which act as intermediate hosts may be destroyed by using molluscicide like copper sulphate, N-tritylmorpholine (Frescon), niclosamide and sodium pentachlorophenate (NaPCP).



2. CESTODES (TAPEWORMS)



Taenia solium : A. whole; B. its scolex

Cestodes are hermaphrodite, endo-parasitic worms with elongated flat body, and without a body cavity or alimentary canal. The life cycles are indirect (except *Hymenolepis nana*) and require development of metacestodes (larval stages) in one or two intermediate hosts. The metacestodes (proceroid, plerocercoid, tetrathyridium, cysticeroid, cysticercus, strobilocercus, coenurus and hydatid cysts) are passively transferred to final host when they ingest infected intermediate hosts. Common cestodes affecting equines are *Anoplocephala magna*, *A. perfoliata*, *Paranoplocephala mamillana* and *Echinococcus equinus*. The *Anoplocephala perfoliata*, *A. magna* and *Paranoplocephala mamillana* are found in large and small intestine of equines. Heavy infection in horses may cause ill health, unthriftiness and even death.

Diagnosis is made on detection of proglottid segments (cooked rice grain like) in faeces, or eggs contains characteristic pyriform apparatus by conventional flotation methods. Biological control of the intermediate host is impracticable. For treatment of equine, praziquantel, niclosamide and albendazole can be used.

3. NEMATODES (ROUNDWORMS)

Nematodes are free living or parasitic, bilaterally symmetrical, un-segmented, cylindrical and elongated in shape with tapering ends. Sexes are separate. These are monoxenous (having direct life cycle) or heteroxenous (having indirect life cycle involving one or more intermediate hosts). In heteroxenous nematodes, arthropods, annelids and mollusc such as beetles, earthworms, snails, slugs, gastropods, house fly, stable fly, cockroaches, grasshoppers, isopods, cyclops, mosquitoes, tabanid flies, etc. serve as intermediate hosts. Nematodes affecting equines are strongyles (*Strongylus edentatus*, *S. equinus* and *S. vulgaris* and small strongyles), ascarids (*Parascaris equorum*), stomach worms (*Habronema muscae*, *H. majus*, *Draschia megastoma*), pinworms (*Oxyuris equi*), lung worm (*Dictyocaulus arnfieldi*), equine microfilariasis (*Onchocerca spp*, *Parafilaria sp.* and *Setaria sp.*), *Strongyloides westeri*, *Trichinella spiralis* and eye worms (*Thelazia lacrymalis*, *Setaria equi* and *S. digitata* larvae cause ocular filariasis in equines).

Among nematodes, strongyles are very commonly seen in equines. Strongylosis is caused by large strongyles (*Strongylus edentatus*, *S. equinus* and *S. vulgaris*) and small strongyles *Trichonema*, *Cyathostoma*, *Triodontophorus*, *Cyalocephalus* etc.). They inhabit caecum and colon of equines and cause anemia and produce haemorrhagic ulcers and nodules in intestine. Larvae of *S. vulgaris* cause endarteritis and thrombi formation in iliac artery and cranial mesenteric artery resulting in colic in equines.

Cutaneous habronemiasis (Summer sores) is caused by *Habronema* and *Draschia* larvae which are deposited by infected flies in existing wounds, Gastric habronemiasis is not known to cause marked clinical signs, but if tumours caused by *D. megastoma* near the pylorus, they may interfere mechanically with the function of stomach. *Setaria equina* (found in peritoneal cavity and sometimes in scrotum), *S. digitata* (immature forms sometimes found in central nervous system of horses) and *Onchocerca cervicalis* (occurs in ligamentum nuchae), *O. reticulata* (occurs in flexor tendons and suspensory ligament of fetlock joint). *Parascaris equorum* is generally seen in foals less than 6 month of age. For control brood mares should be treated for ascarids before foaling and foals should be treated at one month of age and later on at intervals of four to six weeks until the foals reach six months old. Minor ophthalmic surgery is advisable along-with levamisole medication in ocular filariasis in equines.



Diagnosis of nematode infection is made by flotation technique for the thin-shelled oval eggs (over 100 µm small strongyles, 75-90 µm large strongyles) but distinction is very difficult. Larvae of *S. vulgaris*, *S. edentatus* and *S. equinus* have distinct morphological features which differentiate them from small strongyles but specialized techniques, not available in practice, are required for cultural examination. Most horses have a moderate strongyle infection. Diagnosis of clinical disease rests on the evidence of clinical signs, and not merely on the identification of eggs in faeces. In foals and yearlings' clinical signs due to larval migration may occur at a time when no eggs can be identified in faeces, because the pre-patent period has not ended or some immunological tolerance has depressed excretion.

For treatment a number of broad-spectrum anthelmintics are available viz., Morantel/ pyrantel/ levamisole/ tetramisole (class-pyrimidine/ imidothiazole), fenbendazole /albendazole (class-benzimidazoles) and ivermectin/doramectin/moxidectin (class-macrocyclic lactones). Ivermectin was found highly effective against larvae as well as gastrointestinal nematodes including microfilaria of *O. cervicalis* and larvae stages of *Habronema spp.* and *D. megastoma*. To avoid development of drug resistance in parasites there should be rotation of anthelmintics after every one to two years. Pasture should not be overstocked and grazed. Young animals are more susceptible, so they need special attention. Manure should be disposed of properly and regularly. Alternate grazing of horse pasture with sheep or cattle is also beneficial.

PREVENTION AND CONTROL MEASURES FOR EQUINE HELMINTHIC DISEASES

For formulating prevention and control strategies of parasitic diseases the information on various aspects viz., nature of infection (whether it is ubiquitous, endemic or sporadic), life cycle of parasite and involvement of any intermediate host/vector(s), agro-climatic data of the region, history of disease with clinical signs, animals/birds in the surrounding area, nutritional level of animals are needed to be gathered before developing strategy for prevention and control of parasitic diseases. The following methods may be adopted for effective management of parasitic diseases:

1. Segregation of clinical cases and their proper treatment (chemotherapy).
2. Keeping animals in hygienic and dry surroundings.
3. Providing balanced nutrition and clean drinking water.
4. Removing breeding sites of intermediate hosts/vectors.
5. Proper investigation of new animals before introducing in the herd/flock.
6. Frequent screening of animals to detect any latent/carrier case.
7. Formulation of deworming schedule for prophylaxis (prevention) according to the requirement in the area with the help of a veterinarian.
8. Newly born and young growing animals should be reared separately.

FUTURE PROSPECTIVE

Drug resistance is a great problem and challenge for scientific community created by overuse and misuse of antiparasitic drugs. Indiscriminate use of a specific drug (particularly broad spectrum) over several years tends to develop resistance by the parasites. In recent years, a rapid increase in both the prevalence and magnitude of anthelmintic resistance have been observed worldwide. In the absence of an alternative to chemotherapy, the research activities should be aimed at minimising the use of anthelmintics and optimising their use to prevent the wide spread resistance. With a standardized approach following strategic deworming protocols, prevention strategies, environmental decontamination and sanitation measures may provide a parasite management framework to veterinarians for effective management of equine parasitic diseases.



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कुंवर सवाई सिंह जी चंपावत (रणसी गांव)

मानव आज धरती पर यातायात के विभिन्न साधनों से इधर-उधर यात्राएं करता है और चांद सितारों तक पहुंच गया है लेकिन घोड़ों की अपनी महत्ता है। पूरे भारत में मारवाड़ी घोड़ों की नस्ल तैयार करने और उन्हें उपलब्ध करवाने का शानदार कार्य और साथ ही उच्चकोटि के घोड़ों की प्रतियोगिता और प्रदर्शन आयोजित करवाना अपने आप में अनूठा है और इस शानदार चमत्कार को साकार कर दिखाया है कुं. श्री सवाई सिंह जी चंपावत ने।

इनके पिताश्री ठाकुर भैरों सिंह जी का जन्म 6 जनवरी 1950 को हुआ था। श्री भैरू सिंह जी बी.एस-सी. एजी. से स्नातक हैं। इनका राजनीतिक क्षेत्र में बड़ा मान-सम्मान रहा है और ये पूर्व में रणसीगांव के सरपंच रहे हैं। अश्वप्रेम और घुड़सवारी का सिलसिला इनके परिवार में पुरतैनी है। ठाकुर साहब के पिताश्री स्व. नरपत सिंह जी बिलाड़ा पंचायत समिति के प्रथम प्रधान (सन् 1959-60 और 1962-65) रहे हैं व रणसीगांव सरपंच भी रहे हैं। इन्हें घुड़सवारी का प्रशिक्षण श्री गुमान सिंह जी ने दिया था जिन्होंने अपने समय के विश्व के सर्वश्रेष्ठ खिलाड़ी जोधपुर महाराजा हनुवंत सिंह जी को भी प्रशिक्षण दिया था और सर प्रताप के समय में सर्वश्रेष्ठ घुड़सवार थे। ये वृद्धावस्था में शिवाजीराव के यहां बड़ौदा चले गए और उनकी घुड़साला के इंचार्ज रहे। वहां से लौटने पर रणसीगांव आए और यहां श्री नरपत सिंह जी को घुड़सवारी का प्रशिक्षण दिया था। उस समय श्री नरपत सिंह जी के पिताश्री ठा. हाथी सिंह जी मौजूद थे।



इस चांपावत परिवार के अश्वप्रेम के कारण जोधपुर जिले की बिलाड़ा तहसील का यह एक छोटा सा गांव रणसी आज देश-विदेश के नक्शे में अंकित हो चुका है। गांव रणसी में बालक सवाई सिंह का जन्म 22 जून 1972 को हुआ। इनकी माताश्री पाली जिले के पावटा ठिकाने के बालोत (चौहान) गोत्र से हैं। ये स्वयं बिट्टलदासोत गोत्र के चांपावत राठौड़ हैं। इन्होंने अपनी स्कूली शिक्षा माउंट आबू के गुरु शिखर स्कूल से पूरी की उसके पश्चात बी.ए. की डिग्री बड़ौदा विश्वविद्यालय से प्राप्त की।

दादोसा के समय से चले आ रहे अश्वपालन के विशिष्ट प्रेम के कारण श्री सवाई सिंह जी का घोड़ों को पालने, उनके रखरखाव के प्रति अगाध आकर्षण है। इनके पिता श्री ने राजस्थान के मशहूर पशु मेला पुष्कर में अपने घोड़ों से अनेक पुरस्कार जीते। इसी प्रकार से सन् 1981- 82 में श्री सवाई सिंह जी ने पुष्कर मेले में दो इनाम राइडिंग में और अश्वमादा शो में प्राप्त किए। यह शानदार सिलसिला चल पड़ा और राजस्थान और आसपास में जहां भी पशु मेले लगते हैं वहां इनके घोड़े अपने उत्कृष्ट प्रदर्शन और शो में निरंतर इनाम जीत रहे हैं। इन्होंने अपनी मेहनत, लगन और अपने अनुभव तथा ज्ञान के बल पर अपने स्टड फार्म पर अब तक 36 सांड घोड़े तैयार किए हैं और विभिन्न राज्यों के स्टड फार्मों को दिए। इनके स्टड फार्म में उच्चकोटि की घोड़ियां और बछेरिया तो अनगिनत तैयार की गई है व ऐसा भारत में शायद ही अन्यत्र कहीं संभव हुआ हो। 2021 में आपने अपने गांव में राष्ट्रीय स्तर का होर्स शो व प्रतियोगिता आयोजित करवाई जो काफी सफल रहा। इनके यहां तैयार की गई घोड़ी आलम आरा ने अब तक 16 टाण दिए हैं और अब सत्रहवीं बार की तैयारी है। ऐसा शायद ही किसी एक घोड़ी ने इतनी बार टाण (प्रसव) दिए हो।

कुंवर श्री सवाई सिंह जी सन् 1998 से निरंतर मारवाड़ी नस्ल संवर्धन के लिए कार्य कर रहे हैं। इनकी लंबी अश्वपालन साधना, घोड़ों के प्रति अगाध प्रेम व तीन पीढ़ियों से अश्वपालन के अनुभव के आधार पर इन्हें अब अखिल भारतीय अश्व विकास बोर्ड के स्थाई सदस्य के रूप में मनोनीत किया गया है जिससे कि हमारे देश के सरकारी संस्थानों में इनके अनुभव का लाभ लिया जा सके।

श्री सवाई सिंह जी ऑल इंडिया मारवाड़ी हॉर्स सोसायटी, जोधपुर के आजीवन सदस्य हैं।

श्री सवाई सिंह जी ने मारवाड़ी घोड़ों की ब्रीडिंग के क्षेत्र में उल्लेखनीय कार्य किया है। इनके स्टड फार्म के घोड़ों ने राज्य व राष्ट्रीय स्तर के विभिन्न मेलों में पुरस्कार प्राप्त किए हैं। श्री मल्लीनाथ जी का मेला तिलवाड़ा में बेस्ट ब्रीडर ऑफ इंडिया का अवार्ड जीता। नवंबर 2016 में राष्ट्रीय स्तर के एग्रीटेक मेले में इनके स्टड फार्म के दो घोड़े चयनित हुए थे। ये राष्ट्रीय स्तर के विभिन्न होर्स शो में निर्णायक मंडल के सदस्य रहे हैं जिनमें पंजाब के पटियाला, महाराष्ट्र के सारंगखेड़ा और राजस्थान के जोधपुर होर्स शो प्रमुख हैं।



Jhalamand Marwar



JHALAMAND GARH

Jodhpur, Rajasthan

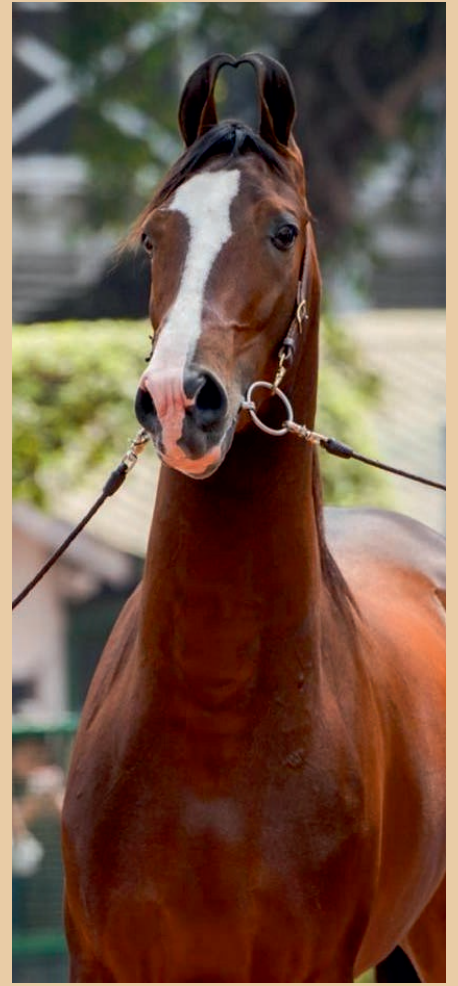
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अश्व दर्शन

श्री गंगा सिंह अकोली, जालोर



अध्याय 4



श्री गंगा सिंह अकोली

मालाणी घोड़ियों की जाती, नस्लों के नाम व गुण

(1) **छबीली:** इस जाति की घोड़ियों तेज मिजाज़, हिमतवार एवं दमखम रखने वाली होती हैं। सवार के घायल होने व गिरने पर भी सवार को छोड़कर नहीं जाती है। यह नस्ल जालौर, साचौर व बाड़मेर के हिस्सों में एवं पाली, सिरोही व जोधपुर जिले में पाई जाती हैं।

(2) **बोदली:** इस नस्ल की घोड़ियों सवारी में वफादार व टंडी मिजाज़ की होती है। यह आज भी साचौर इलाके में है। पहले चितलवाना, सुराचंद, टापी, बाकरा, दासपा, बंडगांव ठिकानों में थी। गुजरात में भी यह नस्ल थी। बनास कांठा गुजरात में इस नस्ल की घोड़ियों आज भी है।

(3) **फूलमाल:** इस नस्ल की घोड़ियों बहुत कम थी। जालौर जिले के भारणी मठ एवं होती गांव ठिकाने में थी। फूलमाल नस्ल की घोड़ियों तेज तर्रार होती हैं दिखने में बहुत खूबसूरत होती हैं।

(4) **वोगणी:** इस नस्ल का घोड़ा पच्चास के दशक के आस पास जालौर जिले के बड़गांव ठिकाने में था। यह नर घोड़ा उस वक्त मारवाड़ा इलाके का सर्वश्रेष्ठ घोड़ा था जिसकी प्रशंसा महाराजा उमेद सिंहजी ने स्वयं अपने मुख से की थी। इस नर घोड़े ने पूरे जोधपुर जालौर सिरोही बाड़मेर पाली एवं गुजरात के बनास कांठा जिलों में नस्ल सुधारने में अहम भूमिका निभाई थी। यह नर घोड़ा अतिसुन्दर, गुणवान एवं स्वामीभक्त था। इस नर घोड़े ने बड़गांव ठिकाने का नाम रोशन किया। सेवाड़ा ठिकाने में भी वोगणी नस्ल की घोड़ियाँ थीं। ये घोड़ीये दौड़ व जम्प में बहुत तेज होती थी।

(5) **केहर (केसर):** इस नस्ल की घोड़ी केसर कालवी पाबूजी राठौड़ के पास थी, जो विश्व विख्यात घोड़ी थी। केसर कालवी को लोग आज भी भजनों में गाते हैं एवं पूजते हैं। जालौर के लाखणी ठिकाने में एवं साचौर के अचलपुर में इस जाति की घोड़ियाँ थी। लड़ाई के मैदान में खूब बहादुरी के साथ लड़ती थीं।

(6) **मणी:** इस नस्ल की घोड़ियाँ बहुत ही सुन्दर होती है। इस नस्ल की घोड़ियाँ भीलमाल, साचौर, बनास कांठा गुजरात व सिरोही के ठिकानों में थी। दामण में आज भी मणी नस्ल की घोड़ियाँ हैं।

(7) **केर:** इस नस्ल की उत्पत्ति रानीवाडा क्षेत्र के लासीवाड़ नामक ठिकाने से हुई। यहां कोई साधु तपस्वी आये थे उनके साथ इस नस्ल की घोड़ी थी, उससे इस नस्ल का वंश बढ़ा। साचौर तहसील के लासड़ी ठिकाने में आज भी केर नस्ल की घोड़ियाँ ठाकुर सलीम खाँजी के पास हैं। ठाकुर सलीम खाँजी अश्वो के अच्छे जानकार भी हैं। मालानी नस्ल के बारे में इनसे अश्व प्रेमी जानकारी ले सकते हैं।

(8) **छोगाणी:** इस नस्ल की घोड़ीये बहुत ही ताकतवर एवं खूबसूरत होती हैं। सियाणा ठिकाने में इस नस्ल की आज भी घोड़ीये हैं। स्वर्गीय ठाकुर साहब गणपतसिंहजी का अश्वो के प्रति बहुत स्नेह था। वर्तमान ठाकुर साहब प्रदीपसिंहजी के पास आज भी अच्छी नस्ल की घोड़ीये हैं।

(9) **ढांगी:** इस नस्ल की घोड़ीये दिखने में खूबसूरत एवं मैदान में दौड़ने में अव्वल रहती हैं। ये घोड़ियाँ बाड़मेर जिले के नगर, गुड़ा भाखरपुरा एवं आस पास ठिकानों में पहले बहुत थीं। कवि ने इस नस्ल के बारे में कहा है:

घर ढांगी आलमघणी पर घर लूणी पास।
लिखीया जिणोने लादसी राड़घरा रहवास।।

नगर व गुड़ा ठिकाने में इस नस्ल के अलावा छबीली वगैरह और भी नस्ल की घोड़ीये थी।

(10) **सांधी:** इस नस्ल की उत्पत्ति शुरुआत सिद्ध पुरुष महात्मा से है। सर्वप्रथम सांधी नस्ल की घोड़ी महात्माजी घनाणी लेकर आये थे। यहां उन्होंने नागाजी के मठ की स्थापना की थी। घनानी मठ में आज भी इस नस्ल की घोड़ियाँ हैं। इस नस्ल की घोड़ियाँ थूर ठिकाने में थीं। ये घोड़ियाँ बिकती नहीं थीं, नागाजी महाराज का वचन था। थूर से घनाणी आती थीं ओर घनाणी मठ से थूर जाती थी। थूर ठिकाने की घोड़ियाँ भी प्रसिद्ध थीं।

(11) **ताजण:** ताजण घोड़ियाँ अपने गुण व आदतो के अनुसार चार प्रकार की मानी गई हैं। (1) पीरो की ताजण (2) बामणी ताजण (3) रक्ती ताजण (4) लटियाली ताजण।

पीरो की ताजण: इस नस्ल की घोड़ी कद काठी से मजबूत होती हैं, लंबे सफर के लिये यह नस्ल सर्वोत्तम होती है। 40 साल पूर्व ये नस्ल साचौर, दासपां, बड़गांव व बनास कांठा जिले में थी। प्रारंभ में इस नस्ल का संबंध पीरो से माना गया है। इसलिये बच्चे होने पर पीरो को नारीयल चढ़ाने व पूजा करने का विधान था।

लटियाली ताजण: इसके कंधे व पूँछ के बाल घने व लंबे होते हैं। इसलिये इसको लटियाणि कहते हैं। फूर्तिली व तेज स्वभाव की होती है।

बामणी ताजण: इस जाति की घोड़ी सफाई अधिक पसंद करती है। यदि ठाण गंदा हो तो रात भर नहीं बैठती हैं, दाना व चारा भी साफ पसंद करती हैं। मांसाहारी सवार से परहेज करती हैं। शराब पिये हुए सवार को बैठने नहीं देती हैं। स्वामी भक्त होती हैं।

(12) **लाछो:** यह नस्ल अब मिश्रित हो गई है परन्तु तेज तर्रार चाल के कारण लोग इसे तब भी पसंद करते हैं। बाड़मेर जिले के हरसाणी गांव के आस पास आज भी है। चालबाज भी होती है।

(13) **बैरी भूती:** यह नस्ल मालानी की है। भूती नस्ल लंबे समय तक गुड़ा ठिकाने में रही। आलपुरा, भाखरपुरा नगर में पहले थी। आज इसके दर्शन ही दुर्लभ है।

(14) **हीरावल:** यह नस्ल साचौर के रतौडा व आस पास के गांवों में थी। बनास कांटे में यह घोड़ियें आज भी हैं। यह बहुत शरीफ होती हैं। गुजरात के ठिकानों में हैं।

(15) **समाजों:** इस नस्ल की घोड़ियें मालानी इलाके में यानी खेड़ मेवानगर, सिणधरी व जसोल में थीं। आज बिलकुल नहीं हैं। यह नस्ल स्वामी भक्त होती थीं।

(16) **रेमी:** इस नस्ल की घोड़ियें सिरोही जिले के ठिकानों में एवं गुजरात में थीं। इस नस्ल की घोड़ी दौड़ में बिजली की तरह उड़ती थीं, कहावत है कि रेमी नस्ल की घोड़ियों को रेमी नस्ल की घोड़ी ही पकड़ सकती थीं।

(17) **नागणियों:** पुराने जमाने में यह गुजरात के थराद इलाके के आस पास के ठिकानों में थीं। आज यह नस्ल लुप्त हो गई है, इस नस्ल की घोड़ियें दौड़ते वक्त फूफार करती थीं।

(18) **सियानी:** इस ओद की घोड़ियें गुजरात में वातम फोरणा के आस पास वाघेला जाति के सरदारों के पास थीं और आज भी हैं।

(19) **सिन्दुरियां:** साचौर के अन्तिम छोर सुथड़ी यानी नीड़ काटे में पाई जाती थीं। आज ये लुप्त हो गई हैं।

(20) **भूती:** इस जाति की घोड़ियें तेज मिजाज एवं सवार की बहुत वफादार होती थीं। सवार के बुलाने पर जंगल से दौड़ कर आ जाती थीं। आज भी नेहड़ क्षेत्र (साचौर) में, जंगल में ही घोड़ियें खुली चरती हैं। भूती एवं छबीली जाति की घोड़ियें बच्चे के जन्म देने पर आलमजी को यानी घोड़ों के देवताजी को प्रसाद चढ़ाते थे। आज यह प्रथा बंद हो गई है।

(21) **बाराखान नस्ल:** कुड़की ठिकाने में इस अनूठी नस्ल की घोड़ियें थीं। बहराम खां सिन्धी को मारकार कुड़की के ठाकुर बहादुरसिंहजी चांदावत ने उसके घोड़े-घोड़ियों को अपने कब्जे में लिया था। इन घोड़ियों के पाव की नली निगूठ होती थीं। पतली और मजबूत नली वाला घोड़ा दौड़ने में तेज होता है।

(22) **जोगणियों:** इस नस्ल की घोड़ियें बहुत तेज तर्रार होती थीं, स्वामीभक्त होती थीं। यह नस्ल मुख्यतः पोकरण ठिकाने में थीं। यह बात मुझे विक्रमसिंहजी नरता (जो दासपां ठिकाने के परिवार से थे) ने बताई थी। वह घोड़ों के अच्छे सवार एवं जानकार माने जाते हैं।

(23) **बैरियो नस्ल:** यह नस्ल साचौर के ठिकानों में एवं साचौर से लगती सीमा बनास कांटा गुजरात में थीं। सवारी में वफादार, ठंडे मिजाज की होती थीं। सांचौर के चितलवाना टांपी डुकवा सुराचंद आदि ठिकानों में थीं। इन ठिकानों में बोदली ताजण व छबीली नस्ल थी घोड़ियें भी पाई जाती थीं। रतौडा में आज भी इस नस्ल की घोड़ियें हैं। इरोल में आज भी छबीलीये हैं।

(24) **लाड़की:** यथा नामा तथा गुणा। मालानी नस्ल घोड़ियों में सबसे सुंदर, खूबसूरत, कद काठी की मजबूत, स्वामी भक्त एवं स्फूर्ती वाली घोड़ियें थीं। हमारे जालौर जिले के बड़ागांव एवं दासपा में ये घोड़ियें थी। भाद्राजून ठिकाने में भी लाड़की, ताजण, छबीली नस्ल की बटिया घोड़ियें थी। चितलवाना, सुराचन्द ठिकानों में भी ये थीं।

(25) **हरणी:** हरणी नस्ल की घोड़ियें सिगल बॉडी एवं पतली चमडी की होती थीं। परन्तु दौड़ में तो हिरणों को भी पीछे छोड़ती थी। इसलिये इस नस्ल का नाम हरणी पड़ा। ये घोड़ियें दौड़ते वक्त लम्बी-लम्बी कुचाले भरती थीं। यानी जम्प लगाती हुई दौड़ती थीं। यह घोड़ियें उमर कोट सोढा परमारों के पास थीं, जो आज पाकिस्तान में है। वह दौड़ में अब्बल रहती थीं।

(26) **मोरड़िया:** साबर कांटा गुजरात में यह घोड़ियें ज़्यादा होती थीं। इन घोड़ियों में आत्म बल बहुत होता था। आगखाई पानी किसी से भी नहीं डरती थी। स्वामी की आज्ञाकारी होती थीं। इनकी खुराक भी कम होती थी।

(27) **रेशभियो व लक्खी नस्ल:** मारवाड़ के उदावतो के ठिकानों में रायपुर, निमाज, रास, पालासनी, पी ठिकानों में यह नस्ल काफी मात्रा में थी। इस नस्ल का अश्व निमाज ठिकाने से चिता नाम का घोड़ा दरबार जसवंतसिंह जी द्वितीय लेकर पधार थे। उस चिते घोड़े की रफतार चिते के माफिक थी इसलिये उसका नाम चिता दिया। चिता दरबार के पास कम समय ही जीवित रहा। उसकी मृत्यु से महाराजा साहब को बहुत दुःख हुआ। चिते की मृत्यु से दरबार बहुत उदास रहते थे तब कवि राजजी ने उन्हें ढाढस बंधवाया और कहा:

मरुघर खित मासूह, हथ केता हाजर हुसी।
पण चितो चित मासूह कहे न राजकुमार।।

राजू महदूद हुआ नसीतो पवन हव आसरीतो भौ आज।
जीतो खग पत गत जिके वी तो चितो बाज।।

(6) **माछलियों:** मारवाडी नस्ल में यह भी एक नस्ल थी जो लड़ाई में या कहीं पर ओरो के पीछे जाना पड़ता था तब यह नस्ल तालाब, नदी, पोखरो को तैरकर पार कर लेती थी। पानी से नहीं डरती थी इसलिये इस नस्ल का नाम मछली पड़ा।

(28) **ढेल:** वर्षा ऋतु में मादा मोरनी अपने पति मोर के साथ मस्ती से नाचती है एवं खूब खुश होती है उसी प्रकार यह नस्ल भी वर्षाऋतु में जंगल में खुश रहती है, और इसकी आवाज मोर की तरह बहुत मीठी होती है। यह घोड़ियें मोरनी (ढेल) की तरह ठुमके लगाकर चलती है। बड़ी ही खूबसूरत होती हैं।

(30) **लक्खी:** इस नस्ल की घोड़ियें शुभ होती थी यानी मालिक की आर्थिक स्थिती मजबूत करती थी और स्वभाव से अच्छी होती थीं। आज प्रायः यह नस्ल लुप्त हो गई है।

(31) लालो: इस ओद की घोड़ियें बहुत ही खूबसूरत होती थी। साचौर इलाके के टापी में पहले थीं। सिरौही जिले के निमज ठिकाने में आज भी यह नस्ल है।

इसके अलावा भी मारवाड़ में कई स्वामी भक्त ओद की घोड़ियें थी। जो आज लुप्त हो गई है। मालानी नस्ल के अश्व सूर्य के रथ के समान तेजवान थे; मयधरा खेत के घोड़ों में अपार बल था। और घोड़े की पीठ को कमठ कमल अर्थात् कच्छपावतार, सिर को शेष नाग का फण, युद्ध में हांथियों को शेर के समान टक्कर देने वाले घोड़े बताये गये हैं। मालानी अश्व के आंखों की उपमा शालींगराम की मूर्ति से की गई है। चंचलता व कुचाल भरने की क्षमता लंकी कबूतर से की गई है। गर्दन के बाल काले नाग के समान चमकीले एवं शरीर को मखमल के समान मुलायम बताया गया है। मारवाड़ी घोड़ों के वेग की तुलना तीर की गति से की गई है। ऐसे तेजस्वी घोड़ी को सिद्ध पुरुषों के समान शास्त्र में माना गया है जिस पर सवार होते ही अभीष्ट स्थान पर पहुंचा जा सकता है। ऐसे सुखी और तेजस्वी घोड़े कहाँ हैं? इस ज़माने के घोड़े सिर्फ देखने लायक हैं, यानी शो पीस हैं। राज

कवि करणीदानजी ने अपने ग्रन्थ "सूरजप्रकाश" में महाराजा अभयसिंहजी की सेना के घोड़ों का वर्णन करते समय मारवाड़ के धार, राडधरा, भादराजून पाटोदी, थूर, निम्बज, नगर, जसोल गुड़ा भादराजून, मोकलसर, सिणघरी एवं जालौर जिले के बड़गांव, दासपां, केशवना, लाखावा के घोड़ों का वर्णन किया है, जो बहुत ही तारीफे काबिल है :

तारो के तेज में चन्द्र छिपे नहीं, सूर्य छिपे नहीं बादल छाया।
घनघोर टकोर से मोर छिपे नहीं, तुरी छिपे नहीं बाग उठाय।।
चंचल नारी की नेण छिपे नहीं पूठ छिपे नहीं पीठ दिखाया।।
जोगी का भेख अनेक करोताहि कर्म छिपे नहीं भबूती लगाया।।

क्षत्रणियों का भी अश्वों के प्रति अपार स्नेह था तभी तो वीरांगना ने कहा है।

"हेली चालां पायगां, जोवा चाल निशांण।
पिऊ गिणतो दिन आगलिया, (वा) ताजण दी दो ठाण।।



वीर पत्नि अपनी सखी से कहती है कि मेरे पति अंगलियों पर दिन गिनते थे, उस ताजण ओद की घोड़ी ने ठाण दिया है। सो अपन पायगा चलकर बच्चा देखे।

चाचर प्रसाद तारिणी, देवमणी गले धार।
जिण घर थी घोड़े रहे कबहुन अवे हार।।
पी नीला गट गट पी, गाय तणो थू दूध।
मोटो झर पर होय ने, कंथ लहाजे कूद।।
बाजे बास ढोलड़ो, नीलो कूदे ठाण।
सांस ऊभा चौक में, कंथ कसे करपाण (तलवार)।।



MEHRANGARH MUSEUM TRUST

UNESCO Asia-Pacific Heritage Award for Culture Heritage Conservation ' .

MUSEUM



A Cultural Museum, showcasing the heritage of the Jodhpur - Marwar. The Museum houses an exquisite collection of palanquins, howdahs, royal cradles, miniatures, costumes, turbans and furniture. Audio Guide in eleven languages is available to enhance visitor experience.

GARDENS



The Chokelao Bagh; recently restored historic garden set within the fort is a hidden treasure. Rao Jodha Desert Rock Park Spread over 72 hectares - wander in a landscape of volcanic rock that's been restored and nurtured for native plants from rocky parts of the Thar Desert. On a typical two to three hour visit, there are several ways to explore and enjoy the Park.

CULTURAL EVENTS



The Trust is dedicated to the preservation and promotion of the unique heritage of Rajasthan - its architecture as well as the living and vibrant manifestations of its culture, arts, music, dance and the oral traditions. The Trust actively promotes classical Indian and folk music and organizes concerts and three international music festivals.

RESTAURANTS



Café Mehran-A day-time restaurant serving Rajasthani cuisine and snacks. Located in the inner courtyard of the fort, the café offers a mix of traditional and western delicacies and light meals in a setting unparalleled in the City. Also open is Chokelao Mahal a fine dining restaurant- experience the romance of Mehrangarh while you look at the magnificent Jodhpur city twinkling at night.

MUSEUM SHOP



Museum Shop offers a wide variety of exclusive products based on the collections of Mehrangarh Fort, and the history and culture of Jodhpur. All purchases support conservation and restoration of Mehrangarh and Nagaur forts.

SPECIAL EXHIBITIONS



The Museum has participated in many international exhibitions all over the world, displaying and sharing the rich heritage of Marwar. It has also attracted numerous scholars and researchers in many different fields, to Jodhpur.

The Mehrangarh Fort, Jaswant Thada and Nagaur Fort are maintained by the Mehrangarh Museum Trust, a Non-profit Trust settled and managed by His Highness Maharaja Gaj Singh Ji II of Marwar - Jodhpur.

For suggestions or feedback, please contact us at:

The Mehrangarh Museum Trust

PB. No. 165, Fort, Jodhpur Pin - 342 001 Rajasthan - India

Tel : 2548790, 2541447 Fax : 0291-2548992

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In Memoriam

'Lalji' Shri Keshav Nath Joshi



Mahatma Gandhi once said, “*A life of sacrifice is a pinnacle of art and full of true joy!*“



The living embodiment of this saying was great animal lover and philanthropist Shri Keshav Nath Joshi, popularly known as *Lalji*.

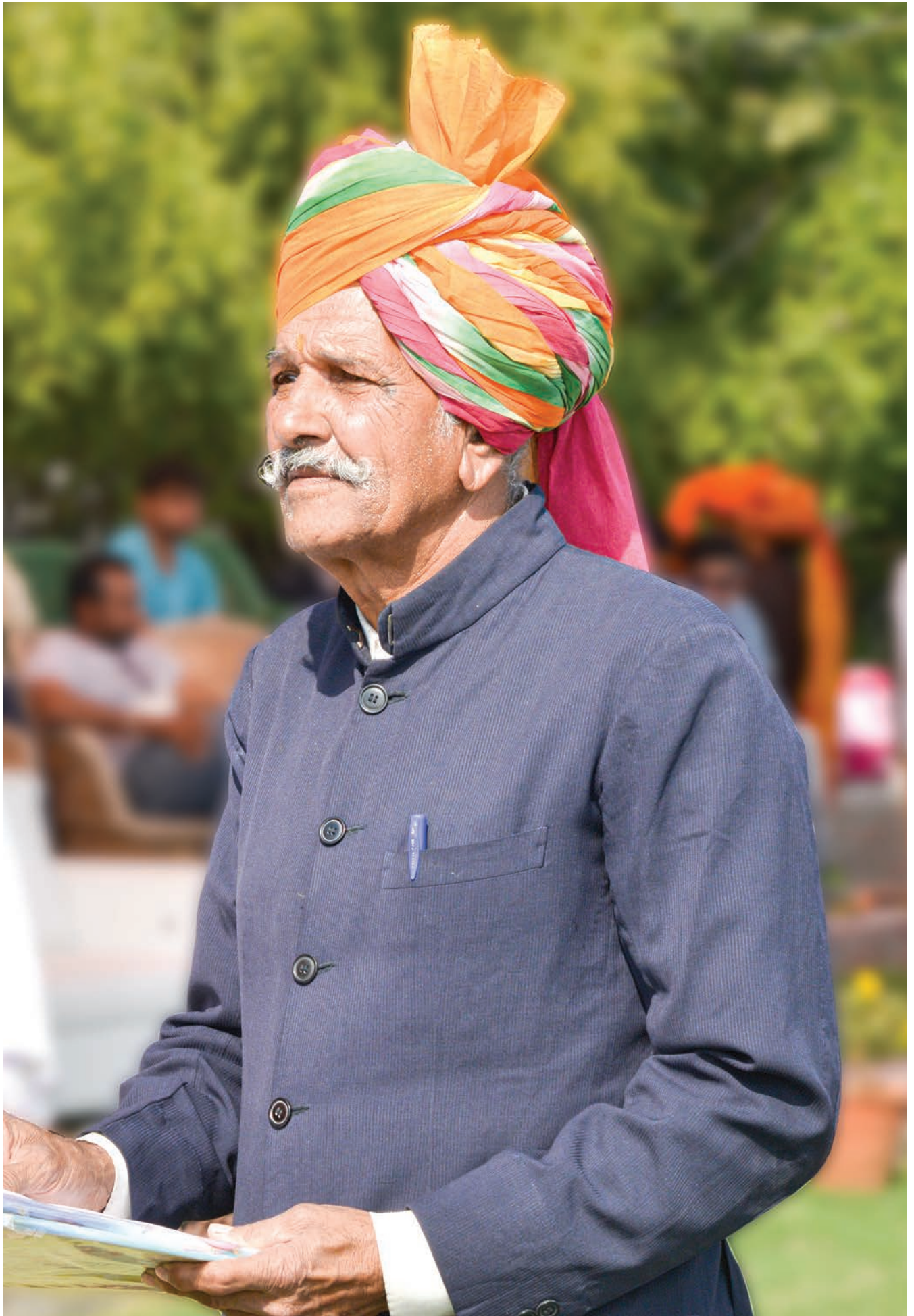
He was well known for his deep love of horses and worked tirelessly throughout his days to ensure their wellbeing. His contribution towards the development of the Marwari breed of horses is unequivocal.

Lalji's journey began in 1985, when he concentrated his efforts to bring glory to the indigenous breed of Marwari horses. Throughout his lifetime he worked assiduously to establish that these horses are at par with their well-known thoroughbred counterparts. He was one of the founding members of the All India Marwari Horse Society and had been a part of the Society since its inception.

In 1988, vide relentless efforts and support from Bapji, he reinstated the *Marwar Horse & Cattle Show* in Charmy Polo Ground Jodhpur.

He was a man with a dauntless spirit who had a love for all living creatures and shared an instinctive bond with horses, especially. Lalji communicated openly, without differentiation with anyone. His heart beat for horses and was always there to help an ailing animal. He along with his dear friend Col. Umaid Singh Ji (Retd.) inspected more than 300 horses in the Pushkar mela in the year 1994 in order to establish the breed characteristics of Marwari horses. During five decades of his work and efforts in upliftment of the Marwari breed of horses, he also played a vital role in organising endurance races in Jodhpur for which he worked abreast with Col. Umaid Singh Ji (Retd.) He also took it as a personal challenge for Marwari horses to participate and win the endurance races alongside the thoroughbred horses, for which he trained his own horses and son who was the first champion to win a gold medal on a Marwari horse in the year 2005.

Lalji left us for his heavenly abode on 27.01.2022, but his efforts towards the breed development and love towards fellow humans shall be engraved in our hearts forever.



OBITUARY



Th. Keshvendra Singh Ji Nimbera

It was announced with profound grief on 13 December 2021 that Th. Keshvendra Singh Ji Nimbera S/o Th. Ummed Singh Ji Nimbera had passed away.

Educated at Mayo College Ajmer (Batch of 1968), he was a National-level tennis & squash player who had won many accolades for his Alma Mater.

He is remembered for his vast knowledge of Marwari Horses, and was Founder, Nimbera Stud Farm. The famous stallions Tarzan and Ruaab were raised by him.

His memory and legacy continue to thrive in his sons Anirudh Singh, Ranvijay Singh and Abhimanyu Singh.

Rathore Horse Transport Services Pvt Ltd.



Rathore Stud Farm

Mr. Rishiraj Singh

Ph: +91 88900 75481 / 97990 03737

Email: rathorestudfarm2019@gmail.com



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| 01 | MARWAR STUDS | MS | H.H. MAHARAJA GAJ SINGHJI OF JODHPUR UMAID BHAWAN PALACE JODHPUR. PIN CODE- 342006. Tele. No. 02912510101, 2511666 |
| 02 | ASHWASHALA STUD | A | SHRI RAGHUVENDRA PRATAP SINGH Jhalamand Garh, Village & Post-Jhalamand, Jodhpur Mob. No. 9694004444 |
| 03 | BARAMATI ASHWASHALA | B | SHRI RANJEET PAWAR Kanheri, Baramati, Dist- Pune, Maharashtra. Tele. No. 02112-203333 |
| 04 | CHANDAWAT STUD | C | SHRI MANOHAR SINGH Vill- Riyan Shymdass, P.O- Jogi Magara, Tehsil- Merta City Distt- Nagour. Mob. No.+91-9829898068 |
| 05 | DANTA STUD | D | H.H. MAHARAJA GAJ SINGHJI OF JODHPUR Bhawani Villa, Danta Bhawangarh-3851120, Distt- Banaskantha (North Gujrat) Mob. No.+91-9428196110, Tele. No. 02749-278705 |
| 06 | FATEH STUD | F | SHRI ANANT SINGH RATHORE 5-B, Alkapuri, Near Fateh Sagar Lake, Udaipur-313001(Raj.) Mob. No.+91-9414171637 |
| 07 | GOPAL STUD (MAY BE CHANGED BY OWNER) | G | SHRI GIRVAR SINGH ASHIYA Vill- Jugatsingh Nagar, Post- Valarura, Tel- Osian, Distt- Jodhpur. Mob. No. +91-9461853943 |
| 08 | SUNNY BROOKS STUD FARM | H | SHRI HARSH LUNIA Ocean View, Flat No.10, 2nd Floor, 26 Khan Abdul Gaffar Khan Road, Worli, Mumbai-400018, Mob. No.09819684441 |
| 09 | JODHA STUD | J | DR. AJIT SINGH Narlai, Distt- Pali, Mob. No. +91-9414239538 |
| 10 | KELWA STUD | K | SHRI DEVI SINGH RATHORE 23-24, Daulat Niwas, Pulla, Udaipur. Mob. No.+91-9414174186, 09828144006 |
| 11 | LAKDAWALA STUD | L | SHRI NADEEM SATTAR 901, Hicons Classic, 16 th Road, Opp. Beams Hospital Khar. |
| 12 | STUD BOOK | M | STUD BOOK Marwari Horse Stud Book Registration Society of India Umaid Bhawan Palace, Jodhpur Telephone no 0291 2510101, 2511666 |
| 13 | MANAKLAO MARWARI STUD FARM | N | DR. NARAYAN SINGH MANAKLAO Afeem Mukti Kendra, V & P.O- Manaklao, Distt- Jodhpur. Mob. No. +91-9414133996 |
| 14 | POSANA STUD | P | Shri Gajendra Pal Singh Posana Posana House, B-5, Sir Pratap Colony, Airport Road, Jodhpur. Mobile No. 09414126022 |
| 15 | ROHET STUD & STABLES | R | SHRI SIDHARTH SINGH ROHET GARH, Village & Post-Rohet, District-Pali, (Rajasthan) Tele. No. 02936-268231, Mob. No. +91-9001820000 |
| 16 | STUD BOOK | S | STUD BOOK Marwari Horse Stud Book Registration Society of India Umaid Bhawan Palace, Jodhpur Telephone no 0291 2510101, 2511666 |
| 17 | TEHLA STUD | T | SHRI SHAKTI DAN LAKHAWAT V.P.O- Tehla, Tel- Degana, Distt- Nagour. Mob. No. +919013040612, 9610649550 |
| 18 | DUDHWA STUD | U | SHRI UTTAM SINGH Vill-Akwa, Post-Taliyana, Tehsil-Sayala Distt-Jalore – 343022 |
| 19 | V STUD FARM | V | SHRI VERTI DURAI SAMY NO. 28 I Main Road, CIT Nagar, Chennai-600035 |
| 20 | HARNISH PATEL | X | SHRI HARNISH PATEL Royal Marwari Stud Farm, Karjat, Maharashtra. Mob. No.07738500000 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|---------------------------------|------------|---|
| 21 | YADAV STUD FARM | Y | SHRI SITA RAM YADAV Vill- Sakaravas, Tel- Railmangara, Rajsamand. Mob. No.09414927283 |
| 22 | AMSARAN STUDS | AA | SHRI ASHISH KUMAR AMIN Jhalamand Garh, Village & Post-Jhalamand, Jodhpur Mob. No. 9694004444 |
| 23 | ASHISH BORAWAKE STUD | AB | SHRI ASHISH BORAWAKE Raj Nandan, Plot No.23, Borawake Nagar, Borawake College Back Side, Srirampur, Taluka- Srirampur, Distt- Ahemednagar, Maharashtra-413709 Mob. No.09822051717 |
| 24 | ATWA CHAMBAL STUD | AC | SHRI RANVEER SINGH Atwal Farm Police Line 124 Shiv Nagar Kota. Mob. No.09829037484 |
| 25 | ASHVA DHAN STUD | AD | SHRI ANAND SINGH Vill- Desu, P.O- Badanwadi, Tehsil- Ahore, Distt- Jalore- 307029, Mob. No.09784445727 |
| 26 | AALAWA STUD FARM | AF | SHRI SWARUP SINGH JODHA AT Post- Kalandari, Distt- Sirohi-307802 Mob. No.- 9571155831 |
| 27 | VANSH STUD FARM | AG | SHRI AAYUSH GOSRANI Manjuba ni Wadi, Desai Wad, Pandor Village, Dist Valsad. Mob. No. 91-9638777888, 91-9825144928 |
| 28 | ANNA HARALE STUD | AH | SHRI ANNA SAHEB HARALE Swanand Appt. Flat No.5-6-7, Paranis Colony, Adarsh Nagar, Behind Pooja Medical Market Yard, Pune-411037, Mob. No.- 9822080154 |
| 29 | ARUNUADAY STUD FARM | AJ | SHRI ARUNKAKA JAGTAP Balvatsal Bhawani Nagar, Ahmednagar-414001 Mobile No. 09960666666 |
| 30 | AK JADEJA STUD FARM | AK | SHRI ALPESH C. KARANSINH JADEJA 1, Satyam Crystal Bungalows, Near Ame Gujarati Hotel, Sindhy Bhavan Road Bodakdev, Ahmedabad, Gujarat-380054 |
| 31 | ALWI STUD FARM | AL | SHRI ZEESHAN KNORIWALE Sul Galli Ramling Road, Latur Maharashtra-413512 Mobile No.+91-9423775929 |
| 32 | MUKHI STUD FARM | AM | SHRI AALOP MUKHI 162, Mukhi House, Patel Vaas Kocharab, Paldi, Ahmedabad. |
| 33 | AJIT NANDAL | AN | SHRI AJIT PAL SINGH NANDAL Sector-1, Dream Land School, Near Tel. Exg., Sector-2.3, Market Jat Bhawan, Rohtak, Haryana. Mob. No. +919416777765 |
| 34 | ATUL & PARIN STUD | AP | SHRI PARIN PATEL A.P. Arcade Pvt. Ltd, Ahmadabad Mehsana Highway, Near Shree Apartment, Kalol. Mob. No.09825634444 |
| 35 | AMMAR STUD FARM | AR | SHRI SADAM HUSSAIN IA/1 Valliyammai Nagar, Adirampattinam-614701, Tamil Nadu Mobile No.09843116399 |
| 36 | AULAKH STUD | AS | SHRI DALJEET SINGH AULAKH V & P.O- Selbrah, Tel- Rampura Phul, Distt- Bathinda. Mob. No. +91-9988500040 |
| 37 | AYAD STUD | AT | SHRI TASAVVER MIRZA Tasavver Mirza, Kargil Chowk Behind Kalika Devi Mandir, Barwani(M.P)451551, Mob. No.09425088500, 9425088600 |
| 38 | BAJOTHIA STUD | BF | SHRI KRISHAY RAJ GADHVI Sukhbaug Bungalow Gayatri Society, Dhundiawadi Palanpur, Gujarat, Mob. No.09824087467 |
| 39 | BHAVYA FARM | BJ | SHRI JITESH PATEL 9, Sarthi Bungalow, Opp. Chandan Farm Party Plot, Jodhpur Gam Road, Satellite, Ahmedabad, Mobile No. 09824055055 |
| 40 | BHOMIYA JI MAHARAJ STUD FARM | BM | SHRI NARAYAN SINGH RATHORE Vill-Rohina, Tehsil-Jayal, Distt-Nagaur-341030 Rajput Bas Mobile No.9829904675 |
| 41 | BN PATEL STUD FARM | BN | SHRI BHARAT BHAI NATWAR BHAI PATEL & SHRI VAGNDRA BHAI PATEL BN STUD FARM, Mota Chiloda, TA & Distt- Gandhinagar, Mobile No. 09998500747 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|----------------------|------------|--|
| 42 | BENIWAL STUD | BS | SHRI SANJEEV BENIWAL Vill & P.O- Peerkamaria, Tehsil- Tibi, Distt- Hanumangarh-335526. Mob. No. +91-9929786845, Tele. No. 01539-285621 |
| 43 | CASTLE BIJAIPUR | CB | SHRI DHANANJAY SINGH Hotel Castle Bijaipur, Vill-Bijaipur, Vaye-Bassi, Distt-Chittorgarh. Mob. No. +91-9460334734 |
| 44 | CHARU FARM | CF | SHRI CHARU BAHIRAT Charu's Farm, Gate No.838, Opp. Mahindra and Mahindra Vechile Plant, Nighoje Gaon, Chakan Talawade link road, Tal Khed, Pune-410501 Mbo. No.09850377080 |
| 45 | CHOUDHARY STUD | CS | SHRI BHAVESH CHOUDHARY 10, Nirag Banglows Near Gulmohar Party Plot, Opp. Shiv Dhara Appartment, Hebatpur Road, Thaltej Ahmedabad. Pincod- 380059 Mob. No.09898608383 |
| 46 | DONDAICHA ASHWASHALA | DA | SHRI VIKRANT RAWAL UNIVERSAL STARCH LTD. DONDACIHA, DISTT- DHULE. Mob. No.09820661868 |
| 47 | DUDAWAT FARM | DF | SHRI NARAYAN SINGH RAJPUROHIT Vill- Khundawas, Post- Roopawas Charna. Mob. No. +91-9426088883, 9828097436, Tele. No. 02936-276390 |
| 48 | DAWOOD JUNG STUD | DJ | SHRI M.MANSOOR ALI KHAN 8-2-614/1/11, Dawood Jung Valley Road No.11, Banzara Hills, Hyderabad-34, Telangana State. Mob. No.09000000084 |
| 49 | DESAI STUD FARM | DN | SHRI DESAI NAGESH 220/222, Prashant Nagar-2, Palanpur Jagat Naka, Near Canal, Surat-395509, Mobile No.09825622715 |
| 50 | DEGANA STUD | DS | SHRI KAILASH MUWAL Vill & PO- Degana, Thesil- Degana Jn., Dist- Nagour. Mob. No. +91-9413365120 |
| 51 | DEV STUD FARM | GD | SHRI GANESH LAL GUJAR Gujar, TVS Circle, Kankroli, Rajsamand. Mob. No.09414171602 |
| 52 | GANDHI FARM | GF | SHRI JUGNU GANDHI 757, Shanti Sadan, Lala Vasa ni pol Sankdi Sheri Ahmedabad-380001, Mob. No.09925012347 |
| 53 | GANGA GODHA STUD | GG | SHRI HARSHWARDHAN TAWARE PATIL Taware Bunglow Amrai, Canal Road, Baramati, Dist-Pune, Maharashtra. Mob. No.09850523742 |
| 54 | PATHAN STUD | GK | SHRI AAMIR KHAN 32/A, Kajal Park, Opp. HP Petrol Pump, Juhapura, Ahmedabad Mobile No. 07226062122 |
| 55 | GIRDHARI SINGH PALLI | GP | SHRI GIRDHARI SINGH PALLI Palli, Rajput Ki Dhaniya, Tehsil- Osian, Distt- Jalore. Mob. No.9983164602, Email I.D. jsrrowlot@gmail.com |
| 56 | GAZI STUD FARM | GS | SHRI PATHAN NASIR KHAN Salar Bunglow Plot No.10, Behind Life Line Hospital, Chirag Shah Nagar, Vadala Road, Nasik-422011Mob. No.09922000092, 09822078692 |
| 57 | HARIDAS KONDATH | HB | SHRI HARIDAS KONDATH SF NO. 46/47, Vdumalai Road, Pollachi, Tamil Nadu. Mob. No. 7510799689 |
| 58 | HEMRAJ FARM | HF | SHRI VISHWAJEET BORA Chas, Ahmednagar, 16, Sattha Colony, Kothi Road, Ahmednagar. Mobile No.+91- 9921599216 |
| 59 | HUKUM GARH STUD | HG | SHRI HUKAM SINGH VPO- Kawala, Tel- Ahore, Dist- Jalore. Mob. No.09680309658 |
| 60 | DYANAMIC STUD FARM | HM | SHRI HAIDER KHAN 59, Amna Building, Kamla Nehru Nagar, Jodhpur. Mobile. +91-9829878682 |
| 61 | HAMEER STUD | HS | SHRI DILIP SINGH V & P.O- Ganthiya, Tel- Merta City, Distt- Nagour. Mob. No. +91-9982514329 |
| 62 | INDROKA STUD | IS | SHRI ABHIJEET SINGH Ram Bagh, Village-Indroka. Ram Sadan, Deep Marg, Paota 'A' Road, Jodhpur. Mob. No. 9928021544, 9461006961 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|-------------------------------|------------|---|
| 63 | IRVEEN STUD FARM | IV | SHRI NEIMISH NIRBAN C-802 Sepal Residency, Opp. Ashwamegh Bunglow Satellite, Ahmedabad, Mob. No.09825159211 |
| 64 | JAY BHADRA HORSE STUD | JB | SHRI KAILASH TUKARAM HEMKE Manchindranath, Chincholi, Taluka- Ghansawangi, Distt- Jalna, Maharastra- 431209, Mob. No.09764181498 |
| 65 | JAIN STUD FARM | JF | SHRI NITIN JAIN Jain Stud Dairy & Ag. Research Farm, Bhadraj Road, Sadri, Pali. Mob. No.09414814202 |
| 66 | JUNAGARH STUD | JG | SHRI RANVEER SINGH Vill- Bhesda, Tehsil- Riya Badi, Distt- Nagour, Post- Badayali Via- Jasnagar-341518, Mob. No.09571056000 |
| 67 | NASIK STUD FARM | JP | SHRI JAYESH PEKHALE Pekhale House, Kala Nagar Jail Road Nasik Road, Nasik-422101, Mob. No.09422255626 |
| 68 | JAI REVAT STUD FARM | JR | SHRI DALPAT SINGH NARLAI Jai Rewat Stud Farm, Chak Sujapra, Post-Narlai, Distt-Pali. Mob. No. +91-9829094351 |
| 69 | JAISA STUD | JS | SHRI BHERU SINGH V.P.O- Ransi Gaon, Distt- Jodhpur. Mob. No. +91-9414476117 Tele. No. 02930-251624 |
| 70 | KRISHAN CHAHAR | KC | SHRI KRISHAN KUMAR CHAHAR Vill & P.O- Peerkamaria, Tehsil- Tibi, Distt- Hanumangarh-335526. Mob. No.+91-9414095422, Tele. No. 01539-285421 |
| 71 | K.RED STUD FARM | KD | SHRI DILIP ODD 18 Champa-Niketn, Green Park Veer Durgadas Nagar, Distt- Pali. Email: oddsumit@gmail.com, Mob. No. 9660494444, 9414119628 |
| 72 | KANCHAN FARM | KF | SHRI JIGAR SHAH 19, Panchshil Society Usmanpura, Ahmedabad-380013 Mob. No.09825035952 |
| 73 | KARWAR KOT | KK | SHRI BHIM SINGHJI KARWAR Village & Post – Karwar, Tehsil- Jodhpur, Distt- Jodhpur Mob. No.+91-9829058615, 9829458615 |
| 74 | KHODA MATA STUD FARM | KM | SHRI OM PRAKASH RAWAT Post- Khariyan Ki Dhani, Vill- Ganheda, Pushkar, Distt- Ajmer Mob. No.+9414667660 |
| 75 | MODELA STUD FARM | KP | SHRI JAYANTI LAL SUTHAR Post Office. Koliwara, Distt- Pali-306902 Mob. No.09461258653 |
| 76 | KOTARI RAWALA STUD | KR | SHRI LOKENDRA SINGH V & PO-Kotari, Distt-Pali, Pin Code-306603 |
| 77 | KORTA STUD | KS | SHRI SIDDHARTH SINGH KORTA Korta, Thesil-Sumerpur, Dist-Pali (Raj.) Mob. No.+91-9829171967, 9928350940 |
| 78 | LOVE STUD | LS | SHRI DHARMIN PATEL 9- Sumukh Villa Bunglows, Opp.Abhishri Residency, 3/n Kantem party plot, Amoli, Ahmedabad- 380058, Mob. No.09825033633 |
| 79 | LEELIYAN STUD FARM | LY | SHRI MOHAN SINGH RATHORE Jawahar house, near railway crossing rasala road, paota, jodhpur. Mob. No. 8003500000, mohanrathore69@gmail.com |
| 80 | MAHESHWARANAND ASHRAM STUD | MA | SHRI MAHESHWRA NAND ASHRAM Jadan Ashram, Jadan, PO Jadan, Dist-Pali Tele. No. 02935-274035 |
| 81 | MANGALA STUD FARM | MB | SHRI B.S. MOHAN Plot No # 106/A, Mahaveer Nagar, Thiruniravur, Chennai-602024 Mob. No.+91-8939211088 |
| 82 | MSRI STUD NAME | MC | SHRI M. CHINNASAMY SRINIVAS TS.NO. 102/2B, Palakad Road, Pollachi, Tamil Nadu. Mob. No.08489944857 |
| 83 | MAHESH DANASANI | MD | SHRI MAHESH DANASAN Danasani Tehsil-Rohet, Distt- Pali-306421 Mob. No.09460008169 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|---------------------------------|------------|---|
| 84 | MAHARAJA FARM | MF | Shri VISHNU CHOUDHARY |
| 85 | QURESHI STUD FARM | MG | QURESHI MOH. SIKANDAR Rajiv Nagar Tekra Road, Nish Enterprise, Ramol, Ahemdabad. Mob. No. 7867861921 |
| 86 | SHINDE SARKAR STUD FARM | MM | SHRI NILESH SHINDE Shinde Sarkar Stud Farm A/P Ranjangaon, Taluka-Parner, Distt- Ahmednagar. Mob. No.09860717027 |
| 87 | MAURYA PATEL STUD FARM | MP | SHRI KAUSHAL RAMESH PATEL Bungalow No.6, Shukan Palace Part-1, Near Hetarth Party Plot, Sola Science City Road, Ahmedabad, Mobile No. 09925115555 |
| 88 | MANDAWA RISALA | MR | SHRI ANIRUDH SINGH MANDAWA Mandawa Haveli, Sansar Chandra Road, Jaipur. Email: anirudhmandawa@gmail.com, Mob. No. 9950016161 |
| 89 | MEET 7 VEER STUD FARM | MV | SHRI DESAI SHAILESH KUMAR Rabari Vas, Gota Gam, Ahmedabad Mobile No. 09898954444 |
| 90 | AARUSH STUD FARM | NA | SHRI RAMESH D. GOSWAMI Police Head Quarters, Mehsana P.S.I. Quarters, Q-16 Mobile No. 09428202899 |
| 91 | NR STUD | NR | NATIONAL RESEARCH CENTRE ON EQUINES. DIRECTOR, NRCE, P.B. NO.80 BIKANER-334001 (Raj.) Tele. No. 0151-2232541 |
| 92 | NR STUD | NR | NATIONAL RESEARCH CENTRE ON EQUINES. DIRECTOR, NRCE, SIRSA ROAD, HISAR. Tele. No. 01662-278215 |
| 93 | NIMBERA STUDS | NS | SHRI RANVIJAY SINGH PAOTA MANDOR ROAD, JODHPUR. Mob. No.09928555995 |
| 94 | AKUA STUD | PA | SHRI SUKH SINGH Vill-Akwa, Post-Taliyana, Tehsil-Sayala, Distt-Jalore Mobile No. 09982585966 |
| 95 | PATEL STUD FARM | PF | SHRI DHARMENDRA K. PATEL PATEL FARM Patel Farm, Vill- Shilaj, Nr. Ring Road C.S.P. Ring Road, Ahmedabad, Gujarat. Mob. No. 09426015255 |
| 96 | VARASDA STUD FARM | PG | SHRI YOGESH BHAI GADHVI C-1, Chaul Flats, Near Bank of Maharashtra, Arastra, Panjrapol Ahmedabad, Mobile No. 09898000045 |
| 97 | PATU'S HAVEN | PH | SHRI KHUSHRU P. PATEL PATU'S HAVEN 111, Aderbad, N.S. Patkar Marg, Mumbai-400007 Mob. No. 09820011958 |
| 98 | PIPLAJ STUD | PJ | SHRI SAMAR VEER SINGH Near Khari River Bridge SH 26, Kekri- Sawar Road, Vill- Gulgaon, Tehsil- Kekri, Distt- Ajmer. Mob. No.09829041828 |
| 99 | PRAKASH VERMA MARWARI STUD FARM | PM | SHRI PRAKASH VERMA Prakash Marwari Stud Farm, 30, Shaswat Kothi, Ceasar Road, Amboli, Andheri Mumbai. Mob. No.09833827739 |
| 100 | PARTAP STUD | PS | SHRI PANKAJ PRATAP SINGH Jhalamand Garh, Jhalamand Jodhpur. Mob. No. +91-9829361265, mohanrathore69@gmail.com |
| 101 | RAJ STUD FARM | R1 | RAJNEESH MISHRA/SHRI OM MEGHWAL "Arna Jharna" Village- Moklavas, Jodhpur, Rajasthan-342001 Mob. No 09519811111, 9414164343 |
| 102 | RAJVI ANOOPGARH STUD FARM | RA | SHRI MAANMAHENDRA SINGH CHAK- 3 LM, Tehsil- Anupgarh, Distt- Sri Ganganagar-335703 Mob. No. 7073292240 |
| 103 | RENEGADE BHUGAON | RB | SHRI KESHAV JOSHI 103/104, 4 Seasons, Bhugaon, Pune-4112115 Mob. No.09823281506 |
| 104 | DHAMANGARH STUD FARM | RC | SHRI RITURAJ SINGH Dhamanva, Tehsil- Visnagar, Near Vasai, Distt-Mehsana(NG) Mobile No. 09825032362 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|---------------------------------|------------|--|
| 105 | KHODIYAR STUD FARM | RD | SHRI DESAI RAJU Khodiyar Farm, Sevola, Taluka-Chanasma, Distt-Patan-384220 |
| 106 | RANJIROT STUD | RF | SHRI PRAVEEN KOTHARI Sundram 3rd Floor, Inside Sundar Vatika, Near Sukhadiya Circle, Udaipur. Mob. No.09414342901 |
| 107 | RAVINDRA GHATIWALA STUD | RG | SHRI RAVINDRA GHATIWALA MILK MAN COLONY, PAL ROAD, GALI NO. 8, PLOT NO.180, JODHPUR. MOB. NO. 9269881456 |
| 108 | ROOPCHAYA STUD FARM | RH | SHRI HITENDRA SINGH Shikarpur Luni, Jodhpur-342802 Mob. No. 9829520923 |
| 109 | RAJGAD FARM | RI | SHRI RAJESH SATPUTE Ahmednagar, Nagar, Pune Road, Keogaon, Maharashtra Mob. No.09689099999, email I.D- raj_snakelife@gmail.com |
| 110 | RAWLA JOJAWAR | RJ | SHRI AMIT VIKRAM SINGH Rawla Jojawar, Vill & P.O-Jojawar, Via-Marwar Jn., Dist-Pali. Mob. No.09414159969 |
| 111 | RK STUD FARM | RK | SHRI ABDUL RAZZAK KHATRI 170/3 Behrampura GIDC River Frant Road, Santosh Nagar, Ahmedabad-380022 |
| 112 | REVANTA MARWARI | RM | SHRI AJAY NENSEE 1101-1103, Costarica, Sector-18, Sanpada, Navi Mumbai. Mob. No.09820152195 |
| 113 | LUCKNOW HORSE CLUB | RO | SHRI GEETESH DWIVIDI(MAHARAJ) Patel Nagar Orai, Distt- Jalan(U.P)-285001 Mob. No.0945555999 |
| 114 | RP STUD FARM | RP | SHRI RANJEET PODDAR 20 - A, Saheli Nagar, Udaipur. Mob. No. 9414233969 |
| 115 | RANN RIDERS | RR | SHRI MUZAHID MALIK V/P.- Dasada, Distt- Surendra Nagar, (Gujrat) Pin- 382750. Mob. No. +91-9879786006, Tele. No. 02757-280457, 280257 |
| 116 | RANAKPUR STUD | RS | SHRI RAGHU RAJ SINGH, UDAIPUR. Ranakpur Hill Resort, Ranakpur Road, Sadari, Distt-Pali. Mob. No.09414157303 |
| 117 | RAJ TAPKIR STUD FARM | RT | SHRI RAJ TAPKIR Tapkir Nagar Rathani, Kaliwadi, Pimpri, Pune-41017 Mobile No.+91-9580272727 |
| 118 | RAJVEER STUD FARM | RV | SHRI ROHIT SINH PATIL AT- Post Dusane, Taluka- Sakri, Distt- Dhule, Maharashtra-424304 Mob. No.09421885739 |
| 119 | AVIRAT STUDS FARM | SA | SHRI SANDIP K. PATEL ICANORAMA FARM, NR. NARMADA CANAL, NR. VADSAR, GUJARAT-382165, Mob. No.09712500000 |
| 120 | SHRI BHERAV | SB | SHRI MAHENDRA BOHARA 23, Shanti Nagar, Kankaroli, Rajsamand. Mob. No.+91-9929095181 |
| 121 | SD STUD & DAIRY FARM | SD | SHRI DOONGAR SINGH SHEKHAWAT Plot No.371, Hanwant A B.J.S. Colony, Jodhpur Mob. No.+91-8003343434 |
| 122 | SHIVANGAN FARM | SF | SHRI RIPUDAMAN VAGHELA Shivangan, At & P.O- Anand Pura, Ambod, Gandhinagar, Mahudi Road, Teh- Mansa, Dist-Gandhinagar, Gujarat.-382845, Mob. No.09825134579 |
| 123 | STALLION HORSE RIDING STUD FARM | SH | SHRI RAVIKANT PARMAR Stallion Horse Riding School, Nr. Jayantilala Park BRTS Bus Stop, B/s Amrutbag Party Plot, Ambli, Ahmedabad Gujarat - 380058 Mob. No. 9898049844 |
| 124 | MALLIKARJUN STUDS | SM | SHRI MANISH SHIROLE At. Post- Malthan, Tehsil- Shirur, Distt- Pune, Maharashtra Mob. No.09561500001, Email: man_shirole@yahoo.com |
| 125 | PUNE EQUESTRIANS | S0 | SHRI KAILASH BOYTKAR A-2, 701, Lalwani Vastu Sakore Nagar, Viman Nagar, Pune-411014 Mob. No.09225541991 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|-------------------------------|------------|--|
| 126 | SHRI PARIHAR AGRO & STUD FARM | SP | SHRI ABHIK PARIHAR 22-C Bhagat Singh Market, Out side Nagori Gate, Jodhpur Mob. No.+91-99281-90000, Tele. No. 0291-2656835, 2656836 |
| 127 | SHRI REWAT STUD | SR | SHRI PRABUDH SINGH JHALAMAND Jhalamand Garh, Vill & Post-Jhalamand, Jodhpur. Mob. No.9784324445 |
| 128 | SATANA STUD | SS | SHRI JITENDRA SINGH NARUKA Satana House, Balsamand, Jodhpur. Mob. No.+91-9929605225 |
| 129 | SV STUD FARM | SV | SHRI VERTI DURAI SAMY NO. 28 I Main Road, CIT Nagar Chennai-600035 Mob. No.+91-9840831881 |
| 130 | THEVAR STUD | TS | SHRI LAKSHMANAN THEVER 2, Panchayath Office Road, Pandarakulam, Sankarnagar, Tirunelveli, Tamil Nadu-627357, Mob. No.09626222413 |
| 131 | UNIVERSAL STARS STUD FARM | US | SHRI RITESH MAGAR No.21/3, Agara Village Kengeri Hobli Banglore, South Taluka, Karnataka, Mob. No.+91-9829126398 |
| 132 | VARUN ASHWA VIKAS | VA | SHRI RANJEET NAGARKAR 'Rudra' Hande Mala, Opp. NMC Swimming Pool Nasik Road, Nasik-422101, Mob. No.09422251319 |
| 133 | VIMAL STUD FARM | VD | SHRI PRADIP C. PATEL Vimal Dairy, Palavasana Railway Crossing, Palavasana, Distt-Mehesana, Mobile No. 09879104114 |
| 134 | SHUKLA STUD FARM | VF | SHRI RONAK SHUKLA 21, Pavansut Society Part 1 TB Hospital Road, Mehsana-384002 Mob. No.09925022312 |
| 135 | VISHAL MEGHWAL | VM | SHRI VISHAL MEGHWAL 23 B, Suraj Nagar, Chopasani Housing Board Behind P.F. Office, Jodhpur, Mob. No.09414164343 |
| 136 | PRIYAM STUD FARM | VP | SHRI PREETAM VEER KUMAR PATIL Kogonoli, Taluka- Chikodi, Distt- Balgavm-591229 Mob. No.7350220200 |
| 137 | VEER STUD | VR | SHRI DASHRAT DESAI B : 7/8 Ajit Park Society, Near Murlidhar App, Ghod-Dod Road, Surat, 395007, Gujarat, Mob. No. +91-9824284000 |
| 138 | VIKRAM STUD | VS | SHRI VIKRAM SINGH V. & PO- Chui, Via- Degana, Thesil- Degana, Dist- Nagour. Mob. No. +91-9829866246 |
| 139 | VIJAY THAKKAR STUD | VT | SHRI VIJAY KUMAR A/11, Ashalata Park, Kamala Nagar Aswa Road, Vadodara Mobile No. 09327709933 |
| 140 | ZAHID KHNA | ZK | SHRI ZAHID KHAN Vill.- Ingoli, P.O.- Kanka Tel- Dholka, Dist- Ahmedabad Pin Code- 382225 Mob. No.09714555555 |
| 141 | ASIR CHHANUBHAI SHAIKH | ACS | SHRI AFZAL SHAIKH Junna Bager Road, Near Petwekar Maszid, Gulshan Palace, Ahmednagar-414001, Mobile No.+91-9890323232 |
| 142 | ADITYA STUD FARM | ANS | SHRI NIKUNJ SINH No. 1, Sparsh Haveli, PD. PU Road, Raysan, Gandhinagar, Gujarat-382007, Mob. No. 9081817683 |
| 143 | AROHI STUD FARM | ASF | SHRI NILESH PANDYA A2/511 Palladiaum, Nr. Vodafone House, Corporate Road, Makarba, Ahmedabad-380051, Mobile No.09375222992 |
| 144 | ALBELI SARKAR STUD FARM | ASS | SHRI DILIP SINGH Vill- Shakkargarh, Vill & Post- Dokhada, Mathuvada, Tehsil-Todgarh, Distt- Ajmer. Mob. No.07698099003 |
| 145 | BALWANT STUD FARM | BSF | SHRI RATAN SINGH Village- Bakhasar, Tehsil- Choutan Distt- Barmer. |
| 146 | DEV STUD FARM | DSF | SHRI SASHIKANT PATEL 17, Heritege Home's Thaltej Shilaj Road Thult Ahmedabad. Pincode- 380059, Mob. No.09824018810 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|---------------------------|------------|---|
| 147 | SARA STUD & FARMS | DSK | DR. SHAKIR KHARBE House No.71, 2nd Nizampur, Bhiwandi Distt-Thane, Maharashtra-421302, Mob. No.09028691537 |
| 148 | DINESH SINH STUD FARM | DSS | SHRI DINESH SINH THAKOR Dinesh Thakor ni Vadi, khodiyamagar, NH-8, Ahmadabad Mob. No.09712975412 |
| 149 | GULSHAN STUD FARM | GSF | SHRI IMRAN SHAIKH Gulshan Banglow, Buroadgaon, Near LIC Office, Ahmednagar-414001 Mob. No.09561323232 |
| 150 | AISHWARYA FARM | HMA | SHRI DEEPAK SURVE Nandagaon Karjat, Maharashtra-414402 Mob. No.09082161121 |
| 151 | JMS BIHANI STUD FARM | JMS | SHRI LAKSHMANAN THEVER Public Park, Swami Dayanand Magr, Sri Ganganagar Email: jaideepbihani@gmail.com, Mob. No. 9829387941 |
| 152 | MARWAR STUD JODHPUR | MSJ | SHRI RAVINDRA SINGH RATHORE 1B, Marwar House, Abhaygarh Scheme, K.V.I. School, Ratanada Mob. No. 9785530150 |
| 153 | NANDAN VAAN STUD FARM | NSF | SHRI HIREN PATEL Miral Near Municipal School Isanpur, Ahmedabad Mob. No.09825032362 |
| 154 | NAND SINGH LALANA STUD | NSL | SHRI NAND SINGH Lalana Khurd, Tehsil- Parbatsar, Distt- Nagaur-341501 Mob. No.+9462110009 |
| 155 | RAJHANSH STUD FARM | RHS | SHRI NIKHIL MATHUR Shiv Sadan, 7th 'A' Road Sardarpura, Jodhpur-342003 Mob. No. 9414243462 |
| 156 | RAJ PATEL STUD | RPS | SHRI VAIBHAV PATEL B-501, Satymev Complex Opp. Gujrat Highcourt, S.G. Highway Mob. No.09825985565 |
| 157 | RADHE ROYAL STUD FARM | RRS | SHRI ASHWIN/VARUN PATEL Plot No.1040, Shilaj, Rancharda Bypass Road, Nr. Ayodhya Town Ship, Shilaj, Ahmedabad. Mob. No.09879505654, 09737447555 |
| 158 | RUDRA STUD FARM AHMEDABAD | RSF | SHRI MAYUR BHAI AHIR Rudra Stud Farm, 204 Chitrakut Society Inside Splash Water Park Telav Kolat -382210, Mob. No. 9898381723 |
| 159 | RAHUL BORADE | RTB | SHRI RAHUL BORADE Shri Ganesh Bunglow, Green Park Colony, Dhongade Mala, Datta Mandir, Nasik Road, Nasik, Maharashtra. Mob. No.08888888663 |
| 160 | SAHYADRI AGRO FARM | SAF | SHRI PRAMOD MANE C/o Sunil Raosaheb Berad, At Post-Darewadi, Tehsil & Distt-Ahmednagar. Mobile No.09372055850 |
| 161 | | SGS | SHRI LOKENDRA SINGH |
| 162 | SHURYA STUD FARM | SSF | SHRI DHIREN PATEL 28-B, Ishwar Krupa Society Panchwati Aua Kalol Dist- Gandhinagar-382721, Mob. No.09825073234 |
| 163 | SANTOK SINGH KACHWHA | SSK | SHRI PARSHANT KACHWHA B-1, Narsingh Vihar, Lal Sagar Mandore, Jodhpur. Mob. No.09460770760 |
| 164 | SIDDHI HORSE FARM | SHF | SHRI RONEK PATEL 5, Bada Park Society, Miraabika School Road Naranpura, Ahmedabad-380013 Mob. No.08000728000 |
| 165 | SHREE RAM STUD FARM | SRS | SHRI BHANWAR LAL SHARMA Shree Ram Farm, Opp. Appolo Hospital Koteswar, Ahmedabad- 382428 Mob. No.09898021717 |
| 166 | SHANKUS STUD FARM | SWP | SHRI RAJESH CHAUDHARY & SHRI MANOJ CHAUDHARY Shankus Stud Farm, Behind Shankus Water Park & Resort. Ahmedabad, Mehsana Highway, Vill-Amipura, Mehsana-384435 Mob. No.9099080088 |
| 167 | THE KISSAN STUD | TKS | SHRI GAURAV YADAV 145/7 V.P.O- Mohanpur, Bawal Rewari-123401 Email: yadav.gajender@gmail.com, Mob. 8708150221, 7838888654 |

| SR.NO. | NAME OF STUD | BRAND MARK | OWNER NAME & ADDRESS |
|--------|----------------------------------|------------|---|
| 168 | MAHISHASURA MARDINI STUD FARM | MMSF | SHRI VIKRAM KHATRI Mahishasura Mardini Stud Farm, 7 RM Ramai, Pugal, Behind Head Office, Bikaner. Mobile No.09829038695 |
| 169 | SHRI GUMAN STUD FARM | SGSF | SHRI KISHAN SINGH CHAMPAWAT Village- Ransigaon, Tehsil- Bilara Distt- Jodhpur (Rajasthan). |



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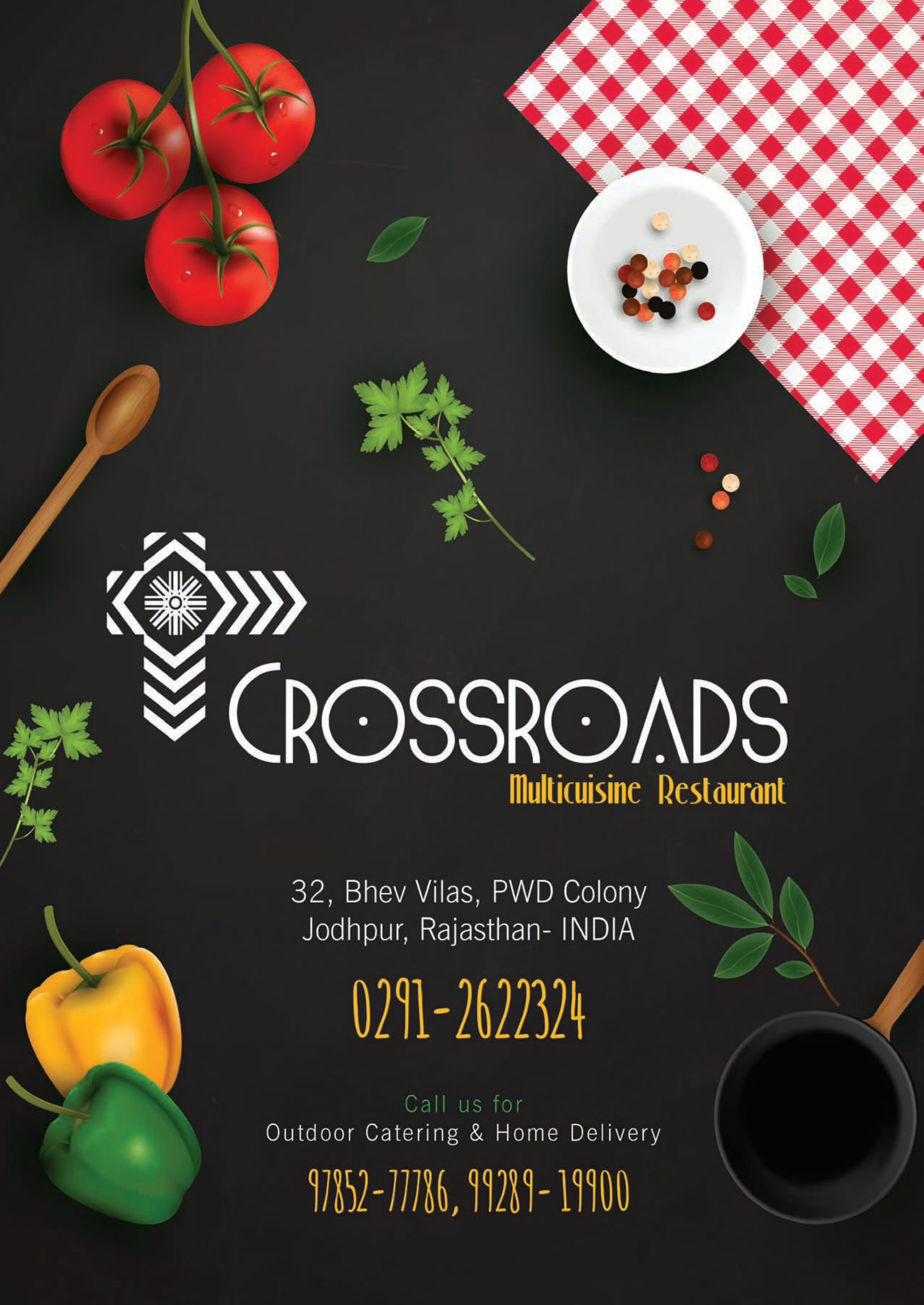
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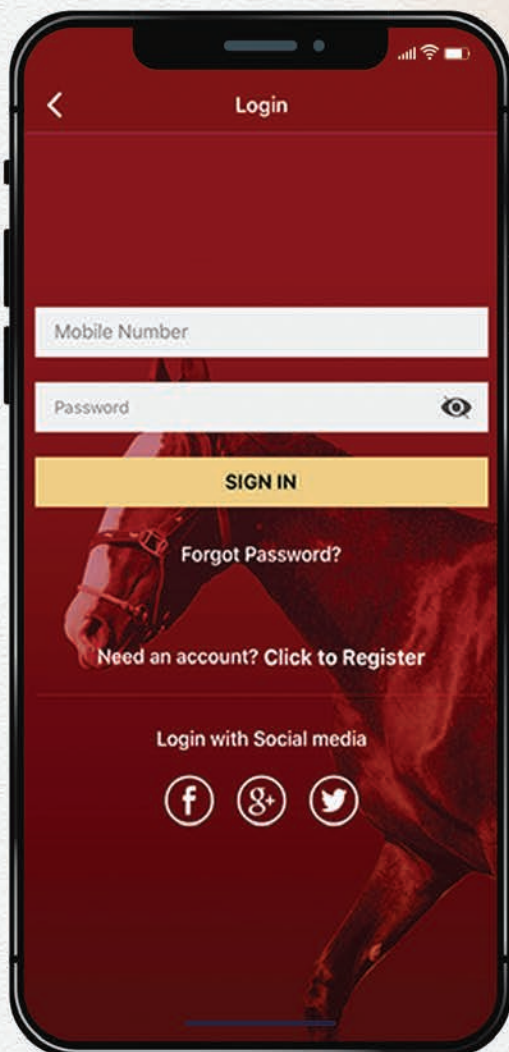


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Young Stallion Punjab Rattan

Sired by **Legend Devraj Raniya**
Grand Sire **Legend Dilbag Raniya**

Dam- **Legendary Mare Kaveri**
She was Sired by **Legendary Stallion Sultan.**
Ransi show Two Teeth :- **1st**
Faridkot show Two Teeth :- **3rd**

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Daljinder Singh Bazad:-**9873571300**

Dr.Jaskaran Bazad:-**0734-7310044**

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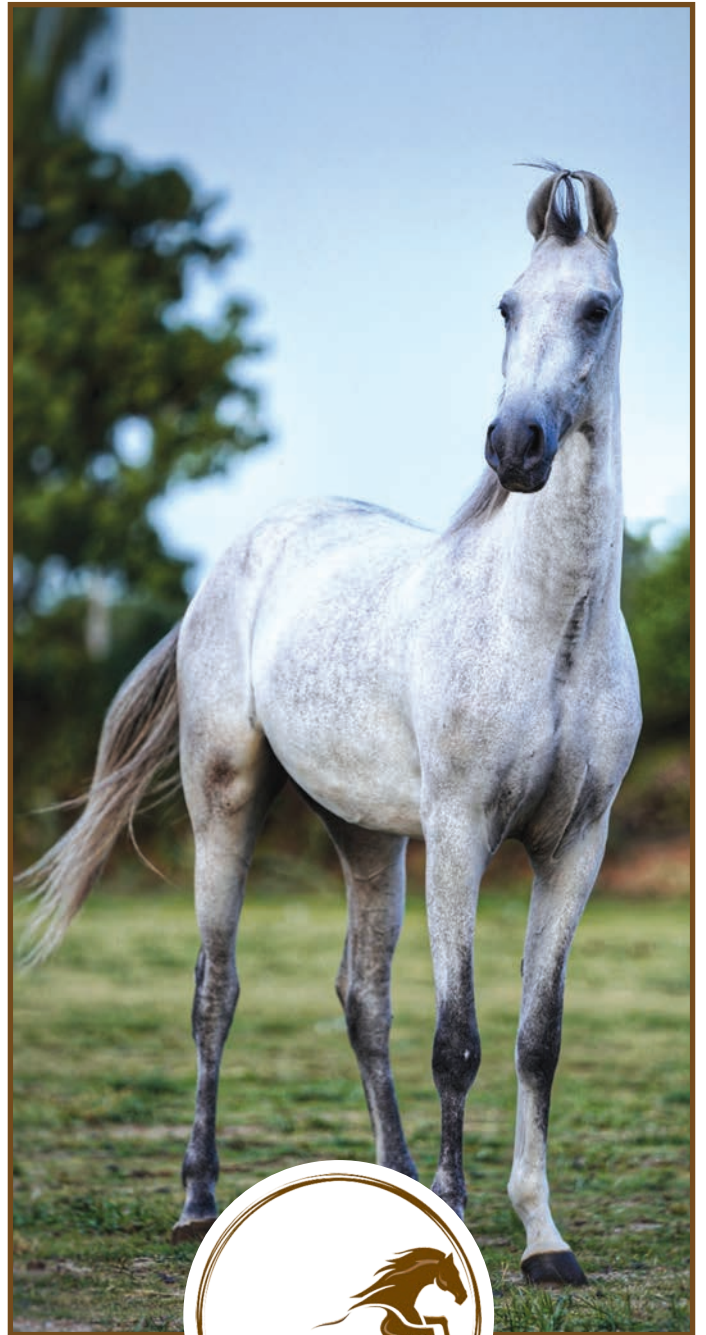
Sired By: **Shivraj (Phoolmaal line)**

Dam: **Hansia (Daevdarbar line)**

Owner: **Nisar Hashmi**

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