RECOMMENDATIONS OF
Seventh Joint
Animal Science Research Council Meet

Held on 6th & 7th March 2009
at
College of Veterinary & Animal Sciences,
Udgir
Recommendations approved by
7th Joint Animal Science Research Council
Meeting of Maharashtra Animal and Fishery
Sciences University, Nagpur,
held on 6th & 7th March 2009

at

College of Veterinary & Animal Sciences, Udgir

<table>
<thead>
<tr>
<th>1) Project No</th>
<th>BVC, Mumbai/VPH/01/2009</th>
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<tbody>
<tr>
<td>Project Title</td>
<td>Detection of nimesulide Residue in milk and meatb by HPLC</td>
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<td>Recommendations</td>
<td>High performance liquid chromatography (HPLC) techniques is useful tool for the detection of nimesulide residues at 500 ppb or above level in milk and meat samples. Milk and meat should not be consumed within 12 hrs of intramuscular administration of nimesulide.</td>
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</tbody>
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शिफारसी: हाय परफॉरमेंस लिक्वीड क्रोमेटोग्राफी (एच.पी.एल.एच.) हे उपकरण दूध व मांसामध्ये निमेसुलाईड 500 पी.पी.बी. व त्याहील अंशांचे निदान करण्यासाठी उपयोगी आहे. आणि जनावरांना निमेसुलाईड इंट्रामस्कुलर इंजेक्शन दिले असल्यास 12 तासानंतरच त्या जनावरांचे दूध व मांस सेवन करावे.
<table>
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<tr>
<td>2</td>
<td>BVC, Mumbai / ARGO / 01/2009</td>
<td>Comparative pregnancy diagnosis by ultrasonography, vaginal biopsy and serum progesterone in sows</td>
<td>Real-time B-mode ultrasonography is a most accurate diagnostic technique for pregnancy diagnosis from 25 days onwards of gestation, in sows.</td>
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<td>3</td>
<td>PGIVAS, Akola / AGB / 01/2009</td>
<td>Construction of multi-trait sire indices in rhode island red pure line chicken</td>
<td>The sire index based on more than three characters simultaneously can be used in construction of sire index in pure line chickens.</td>
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<td>4</td>
<td>PGIVAS, Akola / AN / 01/2009</td>
<td>Effect of different drinking water treatments on performance and intestinal microflora of broilers</td>
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**Recommendations:**
It is recommended that the practice of supplementation of curd @ 2ml/l containing 60 million spores/g of Lactobacillus sporogenes in drinking water may be followed for economical broiler production.

**शिफार्सी**
मांसल पक्षावन्याची किफायतीर उत्पादनासाठी पक्षाना लेंटोबौक्सीलीसाठी 60 दराळक स्पोरोजीन्स / प्रति ग्रेम दही 2 भीले. प्रति सिटर विषाण्याच्या पाण्यात देण्यासाठी पक्षाना उपयोगी पडते.

| 5   | PGIVAS, Akola / AN / 02/2009 | Effect of replacement of maize by Bajra with enzyme supplementation on performance of Japanese quails | It is recommended that properly ground Bajra (Pearl millet) may be used up to 60% (w/w) in place of Maize without changing nutrient content of feed with 0.05% multi-enzyme supplementation in the diet for economic quail production.

**शिफार्सी**
व्यवस्थीत दक्षिणातील बाजरी मक्खा ऐवजी ६० तक्के प्रमाणाने खाद्यातील अन घटकाचे प्रमाण न बदल्या वापरा म्हणून भरोबर ०.०५ तक्के विकराले विश्लेषण दिल्यास लाई म्हणून पक्षापत्तन किफायतीर उत्पादन घेण्यासाठी कडते.
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<td>6) PGIVAS, Akola / AN / 03 / 2009</td>
<td>Effect of replacement of soybean meal by sunflower meal with enzyme supplementation on performance of Japanese quails</td>
<td>It is recommended that SBM can be replaced at 20% level with SFE without altering nutrient content of the diet if supplemented with 0.05% multi-enzyme in the diet for economic quail production.</td>
</tr>
<tr>
<td>7) COVAS, Parbhani /AN / 04 / 2009</td>
<td>Comparative nutritional evaluation of green Para vis-a-vis Yeshwant grass and their effect of feeding on performance of crossbred (Jx RK) calves</td>
<td>It is recommended to cultivate Yashwant grass instead of para-grass on large scale and feed to the animals for better production performance.</td>
</tr>
<tr>
<td>8) BVC, Mumbai / Poultry Science / 01 / 2009</td>
<td>Studies on synergistic effects of certain commonly used feed additives on performance of broilers</td>
<td>Combination of prebiotic and probiotic is more useful for the birds to improve overall performance of birds.</td>
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<tr>
<td>9) BVC, Mumbai / Poultry Science / 02 / 2009</td>
<td>Studies on effects of using distillery dried grains with solubles (DDGS) in the diets with certain feed additives on performance of broilers</td>
<td>Use of 10% DDGS with enzyme and acidifier in broiler diet is beneficial for improving production performance and in controlling gut microflora in broiler production.</td>
</tr>
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</table>
10) Project No : PGIVAS, Akola / Poultry Science / 03 / 2009

Project Title : Effect of supplementation of probiotic, enzymes, yeast and acidifier on the performance of Japanese quails

Recommendations: It is recommended to include probiotic and enzymes in the diet of quails to improve overall performance of quails.

शिफार्सी : लाभी पक्षांत्या खाद्यात प्रोबायॉटिक व विकर वायपर्यास पक्षांत्या उत्पादनकमतें वाढ होते.

11) Project No : PGIVAS, Akola / Poultry Science / 04 / 2009

Project Title : Studies on effect of probiotic, probiotic, acidifier and their combinations on the performance of quails

Recommendations: It is recommended to use probiotics in quail diet for improvement in performance of quails.

शिफार्सी : लाभी पक्षांत्या खाद्यात प्रोबायॉटिक वायपर्यास पक्षांत्या उत्पादनकमतें वाढ होते.

12) Project No : COVAS, Parbhani / Poultry Science / 05 / 2009

Project Title : Comparative studies on use of multi-enzymes through drinking water and feed in broilers

Recommendations: It is recommended to use liquid multi-enzymes preparation through feed water to improve performance of broilers.

13) Project No : NVC, Nagpur / Surgery & Radiology / 01 / 2009

Project Title : Study on healing of fracture of femur in canine with special reference to use of different implants and anabolic hormone : A clinical study

Recommendations: The intramedullary pinning using horn peg and Nandrolone Laurate as an anabolic steroid @ 0.5 mg/ Kg. body weight at weekly interval for four times can be successfully used for repair of mid shaft femur fracture in canine.

शिफार्सी : कूद्यांत्या माहक्यांत्र असतनांवर शिगांपासून तयार केलेली सकल आणि नेंड्रोलोन लोरेट आणि या औषधाची 0.5 मिन.घं. प्रति किलो मात्रेचे सनायुक्त दिव्यांक वरील असतांग वस्यांवरील दुष्कर्ष होणाऱ्या मदत होते.

14) Project No : COVAS, Parbhani / Surgery & Radiology / 02 / 2009

Project Title : Study on the efficacy of external fixation technique to repair lower limb fracture in goat

Recommendations: Fiber glass cast and polyvinyl chloride mould is easy and cost effective method for repair of lower limb fracture in goat by external immobilization.
15) Project No : COVAS, Parbhani / Surgery & Radiology / 03/2009

Project Title : Radiography verses metal detector in diagnosis of foreign body syndrome in bovines

Recommendations : Metal detector examination is reliable method for diagnosis of foreign body syndrome at cheaper rate with easy spot test where X-ray examination is not possible.


Project Title : Studies on treatment of fracture in goat (Capra hircus) with intramedullary stainless steel pinning & horn peg fixation

17) Project No : KNPVC, Shirval / Surgery & Radiology / 05/2009

Project Title : Evaluation of Tridax procumbens and Azadirachta indica as wound healing agents in goats

Recommendations : Alcoholic extract ointment (15%) of Azadirachta indica was found excellent wound healing preparation hence alcoholic extract ointment (15%) of Tridax procumbens is recommended for wound healing.
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