Proceedings of the
4th International Conference and Industrial Exhibition on

Dairy Science Park

November 1-5, 2017

Abstracts
ISBN-978-969-422-001-7

Editors
Sania Subhan Qureshi
Rifat Ullah Khan
M Subhan Qureshi
Sher Bahadar Khan
Shakoor Ahmad Qureshi
Mithat Direk

Venue
Selçuk Üniversitesi, Konya, Turkey

Co-organizer
The University of Agriculture, Peshawar-25120, Pakistan

Publisher
Engr Irfan Ul Haq Qureshi, President, Dairy Science Park
Peshawar/Konya

Mobile/WhatsApp: +92 301 894 5994; Email: i.quraysh@gmail.com
Website: http://dairysciencepark.org.pk/
<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
<th>Title/authors/corresponding email</th>
<th>Institution</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>214</td>
<td>FSE</td>
<td>THE IMPACT OF SALT STRESS ON GERMINATION, GROWTH AND ONTOGENY OF BARLEY (<em>HORDEUM VULGARE L</em>) GENOTYPES FROM ARID AND TEMPERATE REGIONS Muhammad Naeem Shahwani¹*, Peter Dominy² <a href="mailto:muhammad.naeem@buitms.edu.pk">muhammad.naeem@buitms.edu.pk</a></td>
<td>Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS) Quetta</td>
<td>Oral</td>
</tr>
<tr>
<td>215</td>
<td>AP</td>
<td>FINANCIAL REFLECTION OF FERTILITY DISORDERS IN DAIRY HERDS OF KAYSERI PROVINCE, TURKEY Savaş Sariözkan¹, Yılmaz Aral², Hakan Murat³, Erol Aydin⁴, Serpil Sariözkan⁵, Yusuf Konca⁶* <a href="mailto:yusufkonca@erciyes.edu.tr">yusufkonca@erciyes.edu.tr</a></td>
<td>Erciyes Üniversitesi Ziraat Fakültesi, Zootekni Bölümü, Kayseri, Turkey</td>
<td>Oral</td>
</tr>
<tr>
<td>216</td>
<td>AP</td>
<td>EFFECT OF LIVE YEAST AND ESSENTIAL OIL ADDITION TO DAIRY CATTLE RATIONS ON PERFORMANCE AND MILK QUALITY Özlem Köknur, Selma Büyükkılıç Beyzi, Sebahattin Köknur, Yusuf Konca* <a href="mailto:yusufkonca@erciyes.edu.tr">yusufkonca@erciyes.edu.tr</a></td>
<td>Erciyes Üniversitesi Ziraat Fakültesi, Zootekni Bölümü, Kayseri, Turkey</td>
<td>Oral</td>
</tr>
<tr>
<td>217</td>
<td>ED</td>
<td>EFFECT OF VARIOUS STABILIZERS ON THE CONSISTENCY OF TOMATO KETCHUP AT DIFFERENT TEMPERATURE OF COOKING Talib Hussain, Tahseen Fatima Miano, Yusuf Konca*, Tanveer Fatima Miano <a href="mailto:yusufkonca@erciyes.edu.tr">yusufkonca@erciyes.edu.tr</a></td>
<td>Erciyes Üniversitesi Ziraat Fakültesi, Zootekni Bölümü, Kayseri, Turkey</td>
<td>Poster</td>
</tr>
<tr>
<td>218</td>
<td>ED</td>
<td>INPUT LEVELS AND MILK PRODUCTION COST IN DAIRY FACILITIES OF IZMIR PROVINCE Nursel Koyubenbe <a href="mailto:nursel.koyubenbe@ege.edu.tr">nursel.koyubenbe@ege.edu.tr</a></td>
<td>Ege Üniversitesi Ödemiş Meslek Yüksekokulu, 35750 Ödemiş, İzmir, Turkey</td>
<td>Poster</td>
</tr>
</tbody>
</table>
FINANCIAL REFLECTION OF FERTILITY DISORDERS IN DAIRY HERDS OF KAYSERI PROVINCE, TURKEY

Savaş Sariözkan¹, Yılmaz Aral², Hakan Murat³, Erol Aydın⁴, Serpil Sariözkan⁵, Yusuf Konca⁶

¹Erciyes Üniversitesi Veteriner Fakültesi, Hayvan Sağlığı Ekonomisi ve İşletmeciliği Anabilim Dalı, Kayseri
²Ankara Üniversitesi Veteriner Fakültesi, Hayvan Sağlığı Ekonomisi ve İşletmeciliği Anabilim Dalı, Ankara
³Cumhuriyet Üniversitesi Veteriner Fakültesi, Hayvan Sağlığı Ekonomisi ve İşletmeciliği Anabilim Dalı, Sivas
⁴Kafkas Üniversitesi Veteriner Fakültesi, Hayvancılık Ekonomisi ve İşletmeciliği Anabilim Dalı, Kars
⁵Erciyes Üniversitesi Veteriner Fakültesi, Dölerme ve Suni Tohumlama Anabilim Dalı, Kayseri
⁶Erciyes Üniversitesi Ziraat Fakültesi, Zootekni Bölümü, Kayseri. Turkey

ABSTRACT:

This study aimed to evaluate some fertility parameters (age at first calving-AFC, calving interval-CI and number of insemination per conception-NIPC) of Kayseri Dairy Breeding Association members and calculate the financial reflection due to deviation from target levels of these fertility parameters. In the study, data of 1705 Holstein cows from 196 different dairy herds were took into account. As a result, average AFC, CI and NIPC were calculated as 821 days, 403 days and 1.8 insemination/conception and deviations from target level were determined as 91 days, 38 days and 0.1 insemination/conception respectively. As a result, average financial losses due to 1 day delay of AFC and CI calculated as 23.0 TL/day (6.6 US$) and 19.5 TL/day (7.5 US$) for current prices of 2017 year. Consequently, total financial losses due to deviations from target levels for AFC, CI and NIPC were calculated as 5.169.474 TL (1.481.949 US$). Financial losses due to fertility disorders should be reduced and by this way profitability of dairy farms in Kayseri might be increased.

Keywords: Dairy, fertility disorder, financial loss, Kayseri.