References
References


**Abd Al-Raheem, A.; Eidaross, A.; Mansour, H.A. (1988):**

**Abdo, G.A. (1988):**


**Abouelroos, M.E.A and Zaabel, S.M. (2003):**
Synchronization of ovulation as a field trial for improvement of fertility in buffaloes. *Alex.J.Vet.Sci.* 19:1-7

**Aboul-Ela, M.B. (1988):**

**Aboul-Ela, M.B.; El-Keraby, F.E. and Khattab, R.M. (1985):**

Patterns of ovarian and oestrous activity and induction of cyclic activity during the postpartum period in Egyptian buffaloes. Proc. of the 3rd research co-ordination meeting on optimizing grazing animal productivity in the Mediterranean and North African Regions with the Aid of Nuclear Techniques, Rabat, Morocco, March 23-27: Pp. 239.


Ahmad, N. (2001):


Ovarian dynamics and milk progesterone concentrations in cycling and non-cycling buffalo cows (Bubalus bubalis) during Ovsynch program. Theriogenology 68: 23-28


Blood plasma progesterone concentrations in two different veins and comparison of progesterone concentrations and rectal palpation findings to determine ovarian cyclicity in the Nili-Ravi buffaloe (Bubalus bubalis). Pakistan Vet.J. 26:118-120.


Effect of days open on lactation yield characteristics in Egyptian buffaloes. J.Agric.Sci., Mansoura Univ. 13: 723.


References


Bardin, T.P. (1970):
The role of prostaglandins in reproductive physiology. Ohio State Med. J. 66:1008-1012.

Barile, V.L. (2005):


Effect of body condition score at calving on postpartum reproductive performance in buffalo. Buffalo J. 1: 53-65


Optimizing ovulation to first GnRH improved outcomes to each hormonal injection of Ovsynch in lactating dairy cows. *J.Dairy Sci.* 89: 3413-3424


Brand, A.; de Bois CH. and Vandenhende, R. (1975):
Indications for prostaglandins in the field of reproduction in farm animals. *Tijdschr Diergeneeskd.* 100:191-201. [Article in Dutch]

Bridges, P.J. and Fortune, J.E. (2003):

Brito, LF; Satrapa, R; Marson, E.P and Kastelic, J.P. (2002):
Efficacy of PGF(2alpha) to synchronize estrus in water buffalo cows (Bubalus bubalis) is dependent upon plasma progesterone concentration, corpus luteum size and ovarian follicular status before treatment. *Anim. Reprod. Sci.* 73: 23–35.


**Carol, W. and Klinger, G. (1974):**

**Chandrahasan, C.; Kumar, V.R.S.; Selvaraju, M. and Jagatheesan, P.N.R (2006):**

**Chaudhry, M.A.; Pasha, T.N. and Iqbal, J. (1988):**

**Chaudhari, S.U.R. and Sabo, Y.G (2006):**

**Chauhan, F.S.; Takkar, O.P.; Singh, M. and Tiwana, M.S. (1984):**
Influence of season on the incidence of anestrus in buffaloes. 10. international congress on animal reproduction and artificial insemination, University of Illinois (USA), 10-14 Jun, University of Illinois at Urbana Champaign, Illinois, USA Volume II Brief communications (Paper 28): Pp 3.

**Chauhan, T.R. (1995):**

**Chebel, R.C.; Santos, J.E.P.; Juchem, S.O.; Cerri, R.L.A.; Galvaio, K.N. and Thatcher, W.W. (2003):**

**Chohan, K.R. (1998):**
Estrus synchronization with lower dose of PGF$_{2\alpha}$ and subsequent fertility in subestrous buffalo. *Theriogenology* 50: 1101-1108.


References


Role of oxytocin and/or PGF2 alpha on breeding efficiency in buffaloes. 


El-Fadaly, M.A. (1978):

El-Fadaly, M.A. (1980):


El-Menoufy, A.A.; El-Tayeb, M.M.; Ayoub, M.M.; Yousef, H.I.; Abdou, M.S.S. (1984):
Effect of season and milk production on reproduction performance in Egyptian buffaloes from parturition to conception. M.Sci., Fac. Agric., Cairo Univ., Egypt

El-Sabbagh, K.M.A (1992):


El-Wardani, M.A. (1990):


References


Kholi, M.L. and Malic, D.D (1960):


Malven O.V. (1984):  
Pathophysiology of puerperium. Definition of the problem. 10th  
international congress, an animal reproduction and artificial insemination,  
University of Illinois at Urbana-Champaign (USA), 10-14 Jun 1984. IV:  
III-1-8

McDougall, S.; Burke, C.R.; Macmillan, K.L. and Williamson,  
Patterns of follicles development during periods of anovulation in  

McNeilly, A.S. (1988):  
Suckling and the control of gonadotropin secretion. In: “The Physiology  
of Reproduction” ed. E. Knobil, J.D. Neil, L.L. Ewing, G.S. Grunwald,  

McCool, C.J.; Townsed, M.P.; Wolfe, S.G. and Entwistle, K.W.  
(1987):  
Endocrinological studies on pregnancy, post-partum anoestrus and  
seasonal variation of ovarian activity in Australian swamp buffalo cow  
*Buffalo J.* 1: 67-72.

Mee, M.O.; Stevenson, J.S. and Minton, J.E. (1991):  
First postpartum luteal function in dairy cows after ovulation induced by  
progestogen and gonadotropin-releasing hormone. *J. Dairy Sci.* 74: 1573-  
1581.

Mee, M.O.; Stevenson, J.S.; Scoby, R.K. and Folman, Y. (1990):  
Influence of gonadotropin-releasing hormone and timing of insemination  
relative to estrus on pregnancy rates of dairy cattle at first service. *J.  
Dairy Sci.* 73: 1500-1507.

Metry, G.H.; Wilk, J.K; McDowell, R.E. and El-Rigalaty, H.A.  
(1994):  

Metwelly, K.K. (2001):  
Postpartum anestrus in buffalo cows: causes and treatment. Proceedings  
of the Sixth Scientific Congress Egyptian Society for Cattle Diseases,  


The production characteristics of a herd of Egyptian buffaloes. Z. Tierzüchtung & Züchtungsbiol. 98: 220-236.

Mourad, K.A. (1978):

Effect of genetic and non-genetic factors on reproductive traits in Egyptian buffaloes. Buffalo Bulletin 8: 9-12, 16-17.


Murphy, M.G.; Boland, M.P. and Roche, J.F (1990):

(http://www.lrrd.org/lrrd20/12/must20193.htm)


Odde, K.G. (1990):  

Ultrasonic observation of postpartum uterine involution in the cow. *Theriogenology* 27: 369-376


Pahwa, G.S. and Pandey, R.S. (1983):  


Pattabiraman, SR.; Veerapandian, C.and Quayam, SA (1986):  

Patterson, D.J.; Kojima, F.N. and Smith, M.F. (2003):  


The use of hormone measurement for studying reproductive patterns of buffaloes in Sri Lanka. The 2nd Coordination Meeting of the Regional Cooperative Agreement on the use of Nuclear Technique to Improve Domestic Buffalo Production in Asia, Bangkok, Thailand, March 2-6, Part I, Pp: 149.


Pineda, M.H. (2003):  

Poyser, N.L. (1973):  


References


Raut N.V. and Kadu M.S. (1990):

Reddy, A.O.; Tripathi, N.N. and Raina, V.S. (1986):


Seasonal variation and circadian rhythmicity of the prolactin profile during the summer months in repeat-breeding Murrah buffalo heifers. Reprod. Fertil. Dev. 19: 569-575


References


Role of ultrasonography in animal reproduction. *Buffalo bulletin* 17: 19-22.

Use of different hormones for the treatment of postpartum anestrous in buffaloes under field condition. *Indian J.anim.Sci.* 73: 894-896


Synchronizing estrus and (or) ovulation in beef cows after combinations of GnRH, norgestomet, and prostaglandin F2alpha with or without timed insemination. J.Anim.Sci. 78: 1747-1758.


Ovarian follicular dynamics in water buffalo. Theriogenology 46: 121-130.

Taponen, J.; Katila, T. and Rodríguez-Martínez, H. (1999)


Terzano, G.M. (2005):
Concepts for regulation of corpus luteum function by the conceptus and

Effects of four hormone treatments after calving on uterine and cervical

Increased conception rate in dairy cows after PGF2 alpha. *Vet.Rec.* 115:
582.

Toribio, R.E.; Molina, J.R.; Forsberg, M.; Kindahl, H. and Edqvist,
Effects of calf removal at parturition on postpartum ovarian activity in
Zebu (Bos indicus) cows in the humid tropics. *Acta.Vet.Scand.* 36: 343-
352.

Usmani, R.H. (2001):
Effect of exogenous GnRH and PGF2α on postpartum estrous activity
and fertility of buffaloes during low breeding season. *Pakistan Vet.J.*

Usmani, R.H.; Ahmed, M.; Inskeep, E.K.; Dailey, R.A.; Lewis, P.E.
and Lewis, G.S. (1985):
Uterine involution and postpartum ovarian activity in Nili-Ravi buffaloes.

Effects of limited suckling and varying prepartum nutrition on postpartum

Vasconcelos, J.L.; Silcox, R.W.; Rosa, G.J.; Pursley, J.R. and Wiltbank,
M.C. (1999):
Synchronization rate, size of the ovulatory follicle and pregnancy rate
after synchronization of ovulation beginning on different days of the
References


Parity related changes in bovine follicle and oocyte populations, oocyte quality, and hormones to 90 days postpartum. J. Dairy Sci. 85: 824–832.


Young, I.M. (1989):
References


Zeidan, S.M. (1990):