



**PURDUE UNIVERSITY
DEPT. OF VETERINARY CLINICAL SCIENCES
1248 LYNN HALL
WEST LAFAYETTE, IN 47907-1248**

MGA – Prostaglandin Synchronization Program for Heifers (19 Day)

Desired Calving Date	<u>Jan 22</u>	<u>Feb 3</u>	<u>Feb 13</u>	<u>Feb 23</u>	<u>Mar 3</u>	<u>Mar 13</u>	<u>Mar 23</u>	<u>Mar 30</u>
Reproductive Tract Score & Revaccinate	- - - - anytime after Feb 1 st and 30 days prior to breeding- - -							
Start MGA [^]	3-10	3-21	3-31	4-10	4-18	4-28	5-8	5-15
Stop MGA [@]	3-24	4-4	4-14	4-24	5-2	5-12	5-22	5-29
Inject 5cc Prostaglandin	4-12	4-23	5-3	5-13	5-21	5-31	6-10	6-15
Heat detect	4-13	4-24	5-4	5-14	5-22	6-1	6-11	6-16
Breed [*]	4-14	4-25	5-5	5-15	5-23	6-2	6-12	6-17
Breed rest ⁺	4-15	4-26	5-6	5-16	5-24	6-3	6-13	6-18
Turn bull in	4-16	4-27	5-7	5-17	5-25	6-4	6-14	6-19
Pull bull out	5-24	6-6	6-16	6-26	7-4	7-13	7-23	7-30
Pregnancy exam	7-5	7-16	7-25	8-4	8-13	8-23	9-2	9-9

[^]Feed MGA at rate of 0.5 mg/heifer/day (1.2 pounds protein with MGA/heifer/day if MGA is at standard rate of 0.4 mg MGA/lb. of protein)

[@]Do not feed MGA on this date. The day previous would have been the 14th day.

^{*}Breed 12 hours after heifer seen in standing heat as usual. This is expected day of heat with Prostaglandin. A day early and 1-2 days after is normal.

⁺Any heifer NOT seen in heat, go ahead and AI 80 hours after Prostaglandin injection. Use inexpensive semen – expect 40% conception rate.