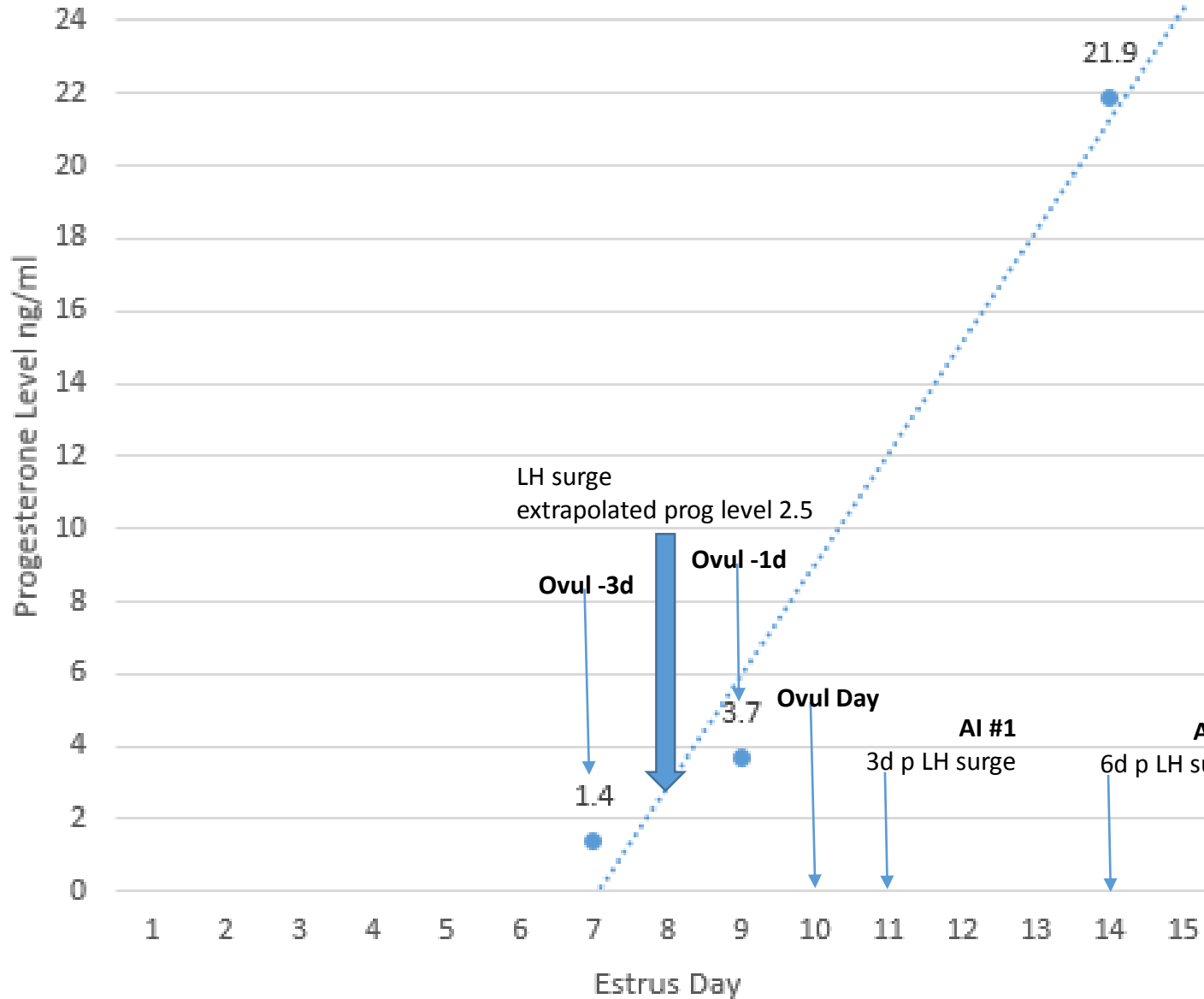


Tigg Progesterone Levels by Estrus Day



| Serum progesterone (ng/ml) | Event occurring |
|--------------------------------------------|------------------------------------------------|
| < 1.0 | Anestrus or proestrus |
| 1.0 - 1.9 | Ovulation minus 3 days - Recommend recheck |
| 2.0 - 2.9 | Ovulation minus 2 days |
| 3.0 - 3.9 | Ovulation minus 1 day |
| 4.0 - 10.0 | Ovulation day |
| --- | Optimal breeding day is 2 days after ovulation |
| > 10.0 with cornified vaginal cytology | Ovulation plus 1 to 5 days |
| > 10.0 with non-cornified vaginal cytology | Diestrus - Too late to breed this season |

—●— Prog
⋯ Linear (Prog)

April 2013

| <i>Sun</i> | <i>Mon</i> | <i>Tue</i> | <i>We</i> | <i>Thu</i> | <i>Fri</i> | <i>Sat</i> |
|---------------------|---------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-------------------------------------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 Estrus Day 1 | 18 Estrus Day 2 | 19 Estrus Day 3 | 20 Estrus Day 4 |
| 21 Estrus Day 5 | 22 Estrus Day 6 | 23 Estrus Day 7 <u>Prog 1.4</u> | 24 Estrus Day 8 <u>LH Surge</u> Extrapolated <u>Prog</u> 2.5 | 25 Estrus Day 9 <u>Prog 3.7</u> <u>Ovul-1Day</u> | 26 Estrus Day 10 <u>Ovul Day</u> | 27 Estrus Day 11 <u>AI #1</u> 3 days post LH surge |
| 28 Estrus Day 12 | 29 Estrus Day 13 | 30 Estrus Day 14 <u>AI #2</u> <u>Prog 21.9</u> 6 days post LH surge | | | | |