

**SPA  
ADJUSTED  
FEMALES  
EXPOSED**

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## SPA ADJUSTED FEMALES EXPOSED

The *National SPA Guidelines* allows us to subtract out some of the females exposed to the bull at breeding time. There are some cows that you have flagged to be culled but you are letting them raise their current calves before they are culled. They just happen to be in the pasture during the breeding season. The *SPA Guidelines* allow you to remove these cows from the female exposed number.

In Addition, you may sell some exposed cows before they are pregnancy checked so that you do not know if they were pregnant or if they had a calf. The *Guidelines* also let you adjust the number of females exposed. The same applies for females purchased -- these are added to the number of females exposed.

***SPA Adjusted females exposed*** is what is used to calculate many of the production measures used to analyze the herd. The table on the next page can be used to calculate your herds *SPA Adjusted Females Exposed*.

BEGINNING BREEDING INVENTORY DATE 6/ 9/91 mod date: 4/25/93  
 Reported Calf Starting Date 3/20/92 YEAR: 1992

- 1. Total females exposed at the beginning of the breeding season 191
- 2. Culled exposed females not intended to be calved but in the exposed herd at breeding time .....
- 3. Exposed females sold or transferred out before the breeding seasons ends .....
- 4. Exposed females purchased or transferred-in during the breeding season .....

ADJUSTMENTS AFTER BREEDING SEASON END

Before The Calving Season Begins:

- 5a. Open females sold or transferred-out after the breeding season .....culled 6 hd and cows died 2 8
- 5b. Pregnant females sold or transferred-out after the breeding season .....
- 5c. Exposed females sold or transferred-out after the breeding season without pregnancy testing ..... 15
- 5d. Total (5a+5b+5c) 23

- 6. Exposed and pregnant females purchased or transferred -in after the breeding season .....

After The Calving Season Begins:

- 7. Females sold or transferred-out with nursing calves between calving and weaning .....
- 8. Females purchased or transferred-in with nursing calves between calving and weaning .....

SPA ADJUSTED FEMALES EXPOSED

- 9. Adjusted exposed females including sales, transfers, and purchase of pairs, exposed, and pregnant females ..... 176  
 (1-2-3+4-5b-5c+6-7+8)

Note: Exposed female numbers should include all replacement heifers as well as adult breeding cows. Female numbers should not be adjusted for death loss.

Form adopted from McGrann, et. al., "Production Performance Calculations Software For the Cow-Calf Enterprise," Texas Agricultural Extension Service, Sept 19, 1991, Version 1.2, pp 25-26.

exposed.cal

