

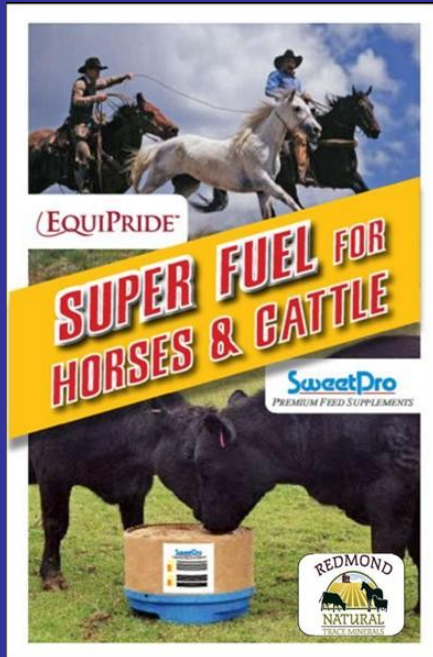
# Space Feeding & Controlling Consumption

**Agri-Best  
FEEDS**

866 601-6646

For more information visit  
[www.agribestfeeds.com/product-training/](http://www.agribestfeeds.com/product-training/)

Daryl 406 794-7911  
Scott 406 696-8301  
Irv 406 853-2900  
Sammy 406 989-1665



SweetPro™ PREMIUM FEED SUPPLEMENTS

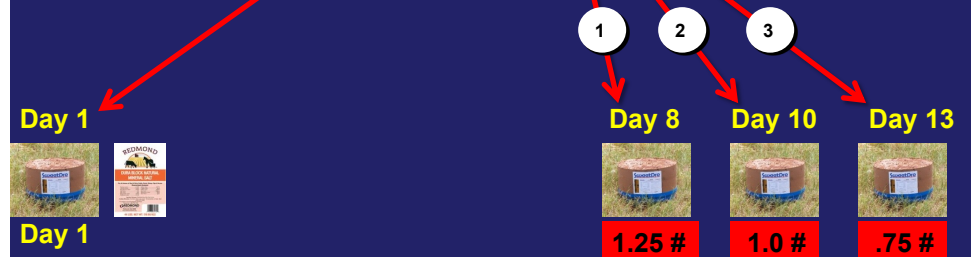


## Decide on a Feeding Plan

(An Average Daily consumption Target that meets your need)

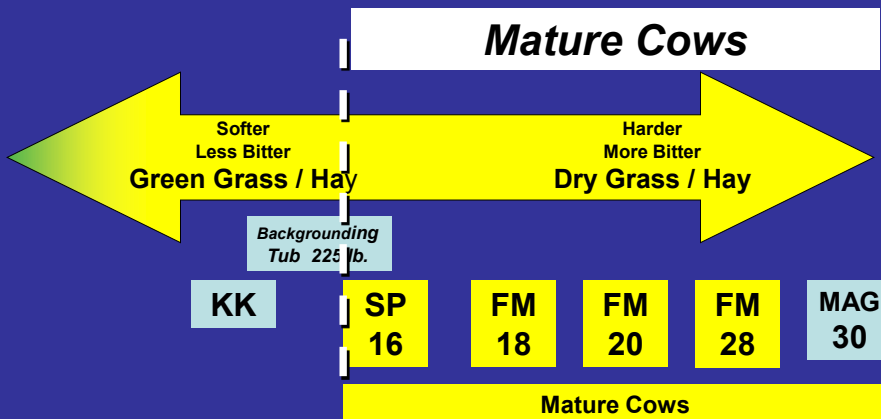
**Remember !**  
25 cows per tub

**Place Tub**



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## Choose the right tub



**Over consumption:** Use the next harder lick tub. (example: FM 18 to FM 20)  
**Under consumption:** Use the next softer lick tub. (example: FM 20 back to FM 18)

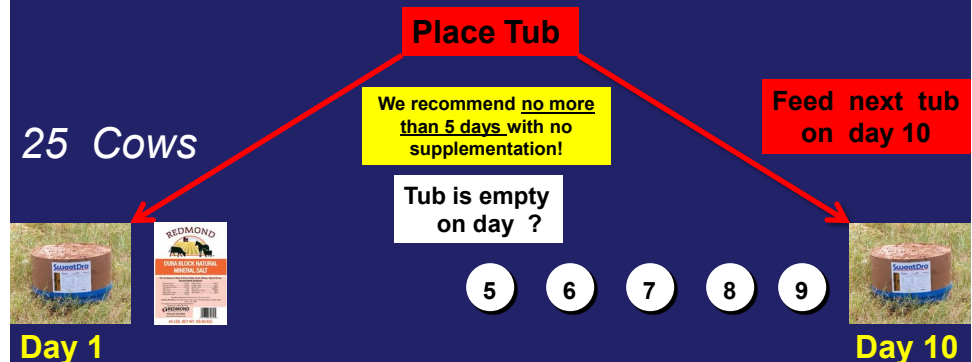


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## Keep "daily consumption" on target!

(Here is the key to accomplishing that)  
Space Feeding or Interval Feeding



## Supplementation Frequency (Space feeding)

Placing one 250 lb tub **ONE (1) SweetPro Lick Tub to 25 Cows/Calves** Placing next 250 lb tub

**“Locking in” a Daily Consumption!**

All six (6) of these examples average out to one (1) lb / day consumed for the 10 day period!!

Day	Consumption	Day	Notes
1	Consumed 1 lbs per day (Target amount)	Day 10	
1	Consumed 1.1 lbs per day	Day 9	Safe
1	Consumed 1.25 lbs per day	Day 8	Univ. Research
1	Consumed 1.43 lbs per day	Day 7	No Digestive upset!
1	Consumed 1.67 lbs per day	Day 6	No loss of digestive efficiency
1	Consumed 2 lbs per day	Day 5	Digestive Microbes remain plentiful

**Caution!!** When “Space Feeding” supplements that are Molasses or Starch based...potential digestive upset!!



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## Targeting Daily consumption

“Space Feeding” or “Interval Feeding”

Abe Scheaffer, Phd  
Nutrition Physiology and Ruminant Nutrition

“Space feeding or interval feeding is completely legitimate, especially in low or mid quality forage settings.....

.....I am completely comfortable with the scenario of 5 days with 2 times the supplementation and then 5 day with no supplementation.”

## Space Feeding (Research documentation)

Dr. Chris Schauer, NDSU and Dr. David Bohnert, EOARC

### COWS - Dry Lot (3 year study)

1.63 lbs fed supplement every day.  
4.89 lbs fed supplement every 3<sup>rd</sup> day.  
9.78 lbs fed supplement every 6<sup>th</sup> day.

55% CP Soybean Meal Supplement with trace minerals and free choice Meadow hay with 5% CP.  
*Note: No simple carbohydrates were used!*

### COWS on the Range (3 year study)

2 lbs fed supplement every day.  
12 lbs fed supplement every 6<sup>th</sup> day.

43% CP Cottonseed Meal with trace minerals & grazed on open range with 7% CP.  
*Note: No simple carbohydrates were fed!*

### Results of the studies

No difference weight gain or body condition score!  
No negative effect on subsequent calf performance!  
No negative effects on pasture utilization!  
No negative effects on dry matter intake or forage digestibility!  
No negative effect on grazing behavior!  
Cows that were fed less frequently actually were more consistent at consuming their targeted amount of supplementation!!

## Space Feeding (Research documentation)

Oklahoma Study (McIlvain and Shoop)

### Fall Weaned Calves on winter range (6 year study)

Fed supplement every day.  
Fed supplement every 3<sup>rd</sup> day.  
Fed supplement every 7<sup>th</sup> day.

### Results of the studies

No significant difference in winter wt. gain....compared to being fed daily!  
Weight gain of the “test calves” over the following summer....  
Researchers found no significant difference in weight gain compared to the calves that were fed daily during the winter!!