



# Premier Ag July Newsletter



Much needed precipitation has finally been blessing us in south central South Dakota. Many areas while not over abundant with rain have been receiving very timely rains that this far seem to be keeping the grass and crops growing. Cattle markets have been rallying and reaching records never before seen. That in mind, what can cattle producers do to take advantage of these markets and get the most out of their feeder calves? Although there are many things that can be done to add value to your calves, one method has very promising advantages right now. Creep feeding your calves on the cow right now will take advantage of low commodity prices and high feeder calf prices. Rangeland Creep is a forage-based creep pellet designed to better utilize your forage available, filling in the hungry calf gap. What is the hungry calf gap? When cows get into the last half of lactation, the quantity of available milk decreases. Calves are not yet eating enough forage and are not likely getting quality forages the later half of the summer, thus not getting quite enough protein or enough feed to reach their growth potential, thus creating the hungry calf gap until weaning. Supplementing calves during this phase has notable benefits to improving average daily gain, improving marbling, and improving calf health.

Purina offers several options for supplementing calves during the late summer months including our popular Rangeland 14% Creep with Rumensin. Another option that is sometimes overlooked is called our Accu-Creep program. This program is designed to maximize growth potential by allowing calves to “snack eat.” Snack Eating is a behavior change created using Purina’s Intake Modifier Technology. This technology is unlike any other on the market in how it controls intakes without cutting performance. This program works best by using Rangeland Creep for the first 30 days or so to get calves adjusted to consistently eating a grain product before adding 80/20 Accuration Grower product to the self-feeders. From that point on the calves would be on Accuration Grower into weaning or until sale if sold off the cow. If weaning and continuing feeding calves, this program can be utilized to background calves. Intakes of this product are expected to be under 1.5% of calf body weight. If intakes go over that percentage, the next step of modifiers is added to the next load of feed going to 70/30 blend to keep intakes under that 1.5% BW mark. This process is continued as intakes are monitored and regulated. Typically producers convert to the Accuration Finisher product after calves are around 850# and on a high grain diet. *-SEE BACK PAGE FOR CREEP PROJECTIONS*

*Creep Feeders available to Rent*

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## Purina Animal Nutrition Creep Feeding Economics

<b>INPUTS:</b>		<b>Accuration Creep Program</b>	<b>RL Calf Creep Program</b>	<b>Calf Sale Price - No Creep</b>
Estimated Weaning Weight without creep =====>	500			
Lbs. of <b>Con. Creep</b> fed/hd/day ==>		4.00	5.50	<b>\$330</b>
Lbs. of <b>Accur-Creep</b> fed/hd/day ==>		3.30		
Number days fed <b>Con. Creep</b> ==>		30	100	
Number days fed <b>Accur-Creep</b> ==>		70		<b>Market Adjustment per cwt</b>
Cost of <b>Con. Creep</b> (\$/ton) ==>		\$295	\$295	<b>\$10.00</b>
Cost of <b>Accu-Creep</b> (\$/ton) ==>		\$295		
Percent Corn used in Creep ==>		80		
Conversion of creep to gain (see below **) ==>		4.00	8.00	<b>Corn Cost, \$/Bu</b>
Additional ADG if creep fed (lb) ==>		0.80	0.80	4.40
Interest Rate (%) ==>		8	8	
Misc. costs, equip. labor, fuel, etc. (\$/hd) ==>		\$5.00	\$5.00	
<b>Estimated Return =====&gt;</b>		<b>\$179.98</b>	<b>\$99.76</b>	
<b>Projected ADG, lb =====&gt;</b>		<b>0.88</b>	<b>0.69</b>	
<b>Corn Value, \$/bu =====&gt;</b>		<b>\$58.94</b>		

	<b>No Creep Program</b>	<b>Accuration Creep Program</b>	<b>RL Calf Creep Program</b>
Expected weaning weight (lb)	500	588	569
Added weaning weight (lb)		88	69
Price at weaning (\$/cwt)	\$330.00	\$321.23	\$323.13
Value of weaned calf (\$)	\$1,650.00	\$1,888.00	\$1,837.77
Total feed cost (\$)		\$51.77	\$81.13
Cost of feed/lb of added weight (\$)		\$0.59	\$1.18
Misc. costs/lb of added weight (\$)		\$0.06	\$0.07
Interest cost/head (\$)		\$1.24	\$1.89
Interest cost/lb of added weight (\$)		\$0.01	\$0.03
Value of added weight/lb (\$)		\$2.71	\$2.73
Total cost/lb of added weight (\$)		\$0.66	\$1.28
Total value of added weight (\$)		\$238.00	\$187.77
Total cost of added weight (\$)		\$58.02	\$88.01
Returns from creep feeding (\$)		<b>\$179.98</b>	<b>\$99.76</b>

**\*\*Expected conversions of lb. creep per lb. of added gain\*\***

**Accuration Intake (2 to 4 lb/hd/day):** **Free-choice intake ( 3 to 6 lb/head/day):**

Winter "Accuration" 4:1 to 6:1

Winter

"Conventional" - 7:1 to 10:1

Summer "Accuration" 3:1 to 5:1

Summer

"Conventional" - 6:1 to 10:1

Purina Animal Nutrition feels that this tool is helpful in attempting to reach maximum production efficiency.

It obviously does not serve as a guarantee that livestock will reach a certain weight or condition at a certain specified time by use of a certain amount of feed. Values are estimates ONLY. Performance may be influenced by the following:

- Type and condition of cattle; - management, pasture conditions, health of cattle, or adverse weather conditions, etc.

For more information on any of our other feed products, contact us at-

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