

**UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE, DAIRY PROGRAMS**

**COMPUTATION OF PRODUCER PRICE DIFFERENTIAL**

**Federal Order No. 135**

**May 2002**

	<u>% UTILIZATION</u> <u>PER CLASS</u>	<u>PRODUCT</u> <u>POUNDS</u>	<u>SKIM</u> <u>POUNDS</u>	<u>BUTTERFAT</u> <u>POUNDS</u>	<u>PROTEIN</u> <u>POUNDS</u>	<u>OTHER</u> <u>SOLIDS</u>	<u>NONFAT</u> <u>SOLIDS</u>
Producer Milk - Class I	18.16 %	88,215,481	86,593,299	1,622,182	2,694,239	5,144,881	7,839,120
Producer Milk - Class II	6.73 %	32,720,414	29,453,595	3,266,819	923,497	1,750,627	2,674,124
Producer Milk - Class III	51.11 %	248,334,885	239,154,069	9,180,816	7,666,217	14,227,297	21,893,514
Producer Milk - Class IV	24.00 %	116,595,844	113,438,140	3,157,704	3,513,210	6,755,895	10,269,105
<b>Total Producer Receipts</b>	<b>100.00 %</b>	<b>485,866,624</b>	<b>468,639,103</b>	<b>17,227,521</b>	<b>14,797,163</b>	<b>27,878,700</b>	<b>42,675,863</b>

	<u>POUNDS</u>	<u>BFAT</u> <u>POUNDS</u>	<u>LB/CWT</u> <u>PRICE</u>	<u>TOTAL</u> <u>DOLLARS</u>
Class I Skim Milk	86,593,299		\$ 6.83 /cwt	\$5,914,322.31
Butterfat		1,622,182	\$ 1.3339/lb	2,163,828.58
Class I Differential at Location				1,608,731.20
Class II Butterfat		3,266,819	\$ 1.1503/lb	3,757,821.88
Nonfat Solids	2,674,124		\$ 0.8367/lb	2,237,439.55
Class III Butterfat		9,180,816	\$ 1.1433/lb	10,496,426.93
Protein	7,666,217		\$ 2.2097/lb	16,940,039.69
Other Solids	14,227,297		\$ 0.0371/lb	527,832.71
Class IV Butterfat		3,157,704	\$ 1.1433/lb	3,610,203.00
Nonfat Solids	10,269,105		\$ 0.7572/lb	7,775,766.30
<b>Classified Value</b>				<b>\$55,032,412.15</b>
Class II Overage Skim and Butterfat	79,891	0		6,015.79
Class III Overage Skim and Butterfat	61,381	6,386		11,640.75
Class IV Overage Skim and Butterfat	21,606	8,396		11,070.52
<b>Total Overage</b>	<b>162,878</b>	<b>14,782</b>		<b>\$28,727.06</b>
Class II Inventory Skim and Butterfat	143,454	16,800		(1,311.64)
Class III Inventory Skim and Butterfat	206,275	0		515.69
<b>Total Inventory</b>	<b>349,729</b>	<b>16,800</b>		<b>(\$795.95)</b>
Class I Other Source Fluid and Nonfluid	311,635	9,197		6,158.78
<b>Producer Milk Value</b>				<b>\$55,066,502.04</b>
Butterfat in Prod Milk x Butterfat Price	17,227,521		\$ 1.1433/lb	19,696,224.78
Protein in Prod Milk x Protein Price	14,797,163		\$ 2.2097/lb	32,697,291.07
Other Solids in Prod Milk x Other Solids Price	27,878,700		\$ 0.0371/lb	1,034,299.77
<b>Producer Milk Credits</b>				<b>\$53,427,815.62</b>
<b>PM Value - PM Credits</b>				<b>\$1,638,686.42</b>
Location Adjustments				750,792.69
1/2 Balance in Producer Settlement Fund				194,671.16
<b>Total Producer Milk and Differential Value</b>	<b>486,187,456</b>	<b>17,236,718</b>	<b>\$ 0.53151315</b>	<b>\$2,584,150.27</b>
Producer Settlement Fund Reserve			\$ 0.04151315	201,831.73

<b>Producer Price Differential at Salt Lake County, UT</b>	<b>\$ 0.49 /cwt</b>
<b>Statistical Uniform Price at Salt Lake County, UT</b>	<b>\$ 11.31 /cwt</b>

Estimated Market Wide Skim Utilization Class I 18 %  
 Estimated Market Wide Butterfat Utilization Class I 9 %