

Ethanol: Co-Products Used for Livestock Feed

Operations Reporting Services Available from Co-Product Supplier¹

Item	On-Site Consultation	Nutritional Service	Delivery Service	Nutrient Analysis	Variety of Products	Education	None
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Dairy Cattle	50	65	75	62	50	35	9
Cattle on Feed	32	39	58	56	32	21	19
Beef Cattle	36	40	61	42	42	23	17
Hogs	37	50	51	55	33	23	20

Person Formulating Feed Rations

Item	Feed Company Nutritionist	Independent Nutritionist	Self	Extension Service and Other
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Dairy Cattle	59	24	16	1
Cattle on Feed	54	13	31	2
Beef Cattle	40	7	49	4
Hogs	73	11	13	3

Co-Products Fed by Type¹

Item	Operations Who Use This Type	Average Peak Inventory ²	Percent Moisture	Inclusion Percent	Average Amount Fed per Animal ³	Average Price Per Ton
	<i>Percent</i>	<i>Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>
Condensed Distillers Solubles (CDS)						
Dairy Cattle	3	206	D	D	D	84.01
Cattle on Feed	3	2,926	66	24	1,080	25.17
Beef Cattle	3	610	66	15	618	57.55
Hogs	C	C	C	C	C	C
Distillers Dried Grains, No Solubles (DDG)						
Dairy Cattle	45	188	12	17	3,280	118.47
Cattle on Feed	19	1,176	13	11	390	105.69
Beef Cattle	25	263	12	28	710	107.97
Hogs	44	6,569	10	11	922	109.49
Distillers Dried Grains with Solubles (DDGS)						
Dairy Cattle	22	272	11	8	1,002	130.15
Cattle on Feed	14	1,590	15	23	916	85.95
Beef Cattle	13	344	12	22	396	114.22
Hogs	37	27,708	12	10	754	91.74
Corn Gluten Feed						
Dairy Cattle	22	261	21	15	1,858	104.16
Cattle on Feed	38	1,189	52	26	1,330	44.22
Beef Cattle	46	215	26	28	3,576	101.29
Hogs	C	C	C	C	C	C
Complete Commercial Feed						
Dairy Cattle	8	183	9	29	2,604	226.34
Cattle on Feed	3	1,194	D	D	176	D
Beef Cattle	9	294	12	36	322	165.16
Hogs	11	3,514	11	11	318	189.52

¹ Percents will not add to 100 due to ability of the respondents to select multiple types.

² Refers to average peak inventory of operations that fed particular co-product during 2006.

³ Average amount of particular co-product fed per animal per year

C Data included in Other Co-Products.

D Not enough reports to provide a statistically defensible estimate.