

JANUARY 24 • 25 • 26 PORTLAND, OR

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Hay Market Reports

Compiled by USDA Market News Service • St. Joseph, Mo.-Portland

Hay prices are dollars per ton or dollars per bale when sold to retail outlets. Basis is current delivery FOB barn or stack, or delivered customer as indicated.

Grade guidelines used in this report have the following relationship to Relative Feed Value (RFV), Acid Detergent Fiber (ADF), TDN (Total Digestible Nutrients), or Crude Protein (CP) test num-

bers:						
Grade	RFV	ADF	TDN	CP		
Supreme	185+	<27	55.9+	22+		
Premium	170-185	27-29	54.5-55.9	20-22		
Good	150-170	29-32	52.5-54.5	18-20		
Fair	130-150	32-35	50.5-52.5	16-18		
Utility	<130	36+	<50.5	<16		
WASHINGTON-OREGON HAY (Columbia Basin)						

(USDA Market News) loses Lake, Wash Sept. 2 This week FOB Last year Last week Compared to Aug. 26: All grades of export and domestic Alfalfa \$5-10 lower. Trade active with good demand. The Hanjin shipping line, South Korea's largest, filed for bankruptcy this week, causing major turmoil in the export Alfalfa market. Retail/Feedstore steady in a light test. Demand remains good. Retail/Feedstore steady in a

light test. Demand remains goo	a.		
		Tons	Price
Alfalfa Mid Square	Premium	19,700	\$140-15
	Good/Prem.	1500	\$130
	Good	350	\$130
	Fair/Good	1200	\$120
		500	\$115
		2500	\$125
	Utility/Fair	1000	\$80
		1800	\$60-90
Alfalfa Small Square	Premium	75	\$230
Alfalfa/Orchard Mix Small			
Square	Fair/Good	30	\$150
Timothy Grass Mid Square	Premium	700	\$170-18
Timothy Grass Small Square	Premium	250	\$170
Wheat Straw Mid Square	Good	700	\$35
	N AREA HAY		
(USDA Market News)			
	and, Ore.		
Sept. 2			

This week FOB Last week Last year 12,090 Compared to Aug. 26: Prices trended generally steady compared to week ago prices. Most demand lays with the retail/stable hay. According to some producers, horse owners are starting to prefer lower sugar, higher protein hay. Many hay producers are selling or have already sold most of their first and second cutting hay, and are working on later cutting(s) resulting in higher volumes of hay moving.

		Tons	Price	
CROOK, DESCHUTES, JEFFERSON, WASCO COUNTIES				
Alfalfa Large Square	Good	50	\$200	
Small Square	Premium	12	\$240	
	Good/Prem.	4	\$150	
	Good	25	\$205	
Alfalfa/Orchard Mix Small				
Square	Premium	8	\$250	
Orchard Grass Small Square	Premium	44	\$230-250	
	Good/Prem.	58	\$220	
	Good	29	\$215	
Meadow Grass Small Square	Good	25	\$215	
Mixed Grass Small Square	Good	1	\$200	
Grass Mix Five-Way				
Small Square	Premium	25	\$260	
EASTERN OREGON				
Alfalfa/Orchard Mix Small				
Square	Premium	20	\$185	
Orchard Grass Small Square	Premium	70	\$175	
KLAMATH BASIN				
Alfalfa Small Square	Premium	175	\$170	
Oat Large Square	Good	450	\$75	
LAKE COUNTY				
Alfalfa Large Square	Supreme	769	\$170-225	
		462	\$165	
Small Square	Premium	90	\$180	
		60	\$185-200	
Alfalfa/Oat/Barley Mix Large Square Good 30 \$120				
HARNEY COUNTY: No new sales confirmed.				
CALIFORNIA HAY				
(USDA Market News)				

Sept. 2 This week FOB Last week 7.680 10.370 22.990 Compared to Aug. 26: All classes traded steady. Demand moderate. According to the U.S. Drought monitor, it is the dry season. so little to no precipitation is not surprising in California. Drought conditions there will remain status quo for the time being. FSA acres

Moses Lake, Wash.

report Aug. 1, has 489,153 acres of alfalfa vs Jan. 5, final report REGION 1: NORTHERN INTERMOUNTAIN

Includes the counties of Siskiyou, Modoc, Shasta, Lassen, and

				1
Alfalfa	Supreme	1050	\$170-175	
	Prem./Sup.	300	\$175	
	Premium	1700	\$150-165	١.
	Good/Prem.	220	\$175	
Alfalfa/Orchard Mix	Good	300	\$90	
Orchard Grass	Premium	130	\$160	
		250	\$240	
REGION 2: SACRAMENTO VALLEY				

Includes the counties of Tehama, Glenn, Butte, Colusa, Sutter Yuba, Sierra, Nevada, Placer, Yolo, E Dorado, Solano, Sacramento. Premium Good/Prem. 80 400

REGION 3: NORTHERN SAN JOAQUIN VALLEY Includes the counties of San Joaquin, Calaveras, Stanislaus, Tuolumne, Mono, Merced and Mariposa. Alfalfa Supreme

Prem./Sup. 200 \$190 \$105 Fair REGION 4: CENTRAL SAN JOAQUIN VALLEY

Includes the counties of Madera, Fresno, Kings, Tulare, and Inyo. Good 0 REGION 5: SOUTHERN CALIFORNIA

Includes the counties of Kern. Northeast Los Angeles, and Western San Bernardino. \$170-190 Alfalfa 300 Premium Forage Mix-Three Way Good \$200 25 \$200

Forage Mix-Four Way Good REGION 6: SOUTHEAST CALIFORNIA Imperial. Alfalfa Good/Prem. 200 \$145-160 250 \$120

Fair/Good 150 \$130 \$80 Fair 500 **IDAHO HAY** (USDA Market News) Moses Lake, Wash Sept. 2

This week FOB Last week Last vear 11,300 14.630 Compared to Aug. 26: All grades of Alfalfa weak in a light test Trade very slow with light demand as large supplies remain a hindrance to the market. Retail/feed store/horse not tested this week.

Alfalfa Mid Square Fair/Good 600 \$70 200 \$60

Stockton-Modesto-Oakdale-Turlock

\$6.90

\$8.05-8.07

Kings-Tulare-Fresno

Single Car Units via BNSF

Chino Valley-Los Angeles

Grain Market Reports Compiled by USDA Market News Service • Portland

Grains are stated in dollars per bushel or hundredweight (cwt.) except feed grains traded in dollars per ton. National grain report bids are for rail delivery unless truck indicated PORTLAND GRAIN

(USDA Market News) Portland Sept. 2

PACIFIC NORTHWEST MARKET SUMMARY

Cash wheat bids for September delivery ended the reporting week on Thursday, Sept. 1, were mixed compared to Aug. 26 noon bids for September delivery.

December wheat futures ended the reporting week on Thursday Sept. 1, lower as follows compared to Aug. 26 closes: Chicago wheat futures were 29 cents lower at \$3.9475, Kansas City wheat futures were 25.75 cents lower at \$4.0650 and Minneapolis wheat futures trended 18.50 cents lower at \$4.86. Chicago September corn futures trended 8.25 cents lower at \$3.2375 and November soybean futures closed 31.75 cents lower at \$9.4375

Bids for U.S. 1 Soft White Wheat delivered to Portland in unit trains or barges during September for ordinary protein trended 13.25 to 17 cents per bushel lower compared to the previous week's prices for the same delivery period at \$4.63-4.7475.

Some exporters were not issuing bids for nearby delivery.

White club wheat premiums were zero cents per bushel over soft white wheat bids this week were zero to seven cents per bushel over soft white wheat bids this week compared to zero to five cents per bushel over soft white wheat Aug. 26.

One year ago bids for U.S. 1 Soft White Wheat any protein for per delivery by unit trains and barges to Portland were \$5.40-5.4125 and bids for White Club Wheat were also 5.40-5.4125 Forward month bids for soft white wheat ordinary protein were as follows: October \$4.6475-4.77. November \$4.6475-4.83 and December \$4.6475-4.88. One year ago, forward month bids for soft white wheat for any protein were as follows: October, November and

Bids for U.S. 1 Soft White Wheat guaranteed maximum 10.5 percent protein during September trended mixed, from 6.50 cents lower to 3.50 cents per bushel higher than week ago prices for the same delivery period at \$4.6475-4.7975. Some exporters were not issuing bids for nearby delivery.

White club wheat premiums for guaranteed maximum 10.5 per cent protein soft white wheat this week were zero cents per bushel over soft white wheat bids this week and last week One year ago bids for U.S. 1 Soft White Wheat guaranteed maxi-

mum 10.5 percent protein for September delivery by unit trains and barges to Portland were \$6.4125-6.5125 and bids for White Club

Forward month bids for soft white wheat guaranteed 10.5 per-

cent proteins were as follows: October \$4.6975-4.7475, November \$4.65-4.7875 and December \$4.65-4.6975. One year ago, forward month bids for soft white wheat for any protein were as follows: October \$6.4125-6.5125, November and December \$6.4125-6.54. Bids for 11.5 percent protein U.S. 1 Hard Red Winter Wheat for September delivery were one to six cents per bushel higher compared to Aug. 26 noon bids for the same delivery period. Some exporters were not issuing bids for nearby delivery. Bids were as follows: September \$4.8150-5.2650, October, November and December \$4.9150-5.2650.

COARSE FEEDING GRAINS

Bids for U.S. 2 Yellow Corn delivered full coast Pacific Northwest - BN shuttle trains for September delivery were 4.75 to 14.75 cents per bushel lower from \$4.2375-4.3875 per bushel. Forward month corn bids were as follows: October \$4.2375-4.3375, November \$4.1875-4.2175, December \$4.1875-4.2375, January \$4.2425-4.2925 and February \$4.2425-4.3125. Bids for U.S. 1 Yellow Soybeans delivered full coast Pacific Northwest - BN shuttle trains for September delivery were 33.75 to 34.75 cents per bushel lower from \$10.7875-10.7975 per bushel. Forward month soybean bids were as follows: October \$10.7575, November \$10.7675, December \$10.7525-10.7725 and January \$10.7025-10.7125. Bids for 2 Heavy White Oats for September delivery trended steady at \$3.2650 per bushel.

PACIFIC NORTHWEST EXPORT NEWS There were 8 grain vessels in Columbia River ports on Thurs

day, Sept. 1, with three docked compared to 15 last week with six docked. There were no new confirmed export sales this week from the Commodity Credit Corporation (CCC) of the USDA.

CALIFORNIA GRAINS (USDA Market News) Sept. 2

Prices in dollars per cwt., bulk Inc.= including; Nom.= nominal:

Ltd Illilited, Illd Illdicated, NTL-Not fally estillated.		
GRAIN DE	LIVERED	
Mode	Destination	Price per cwt.
BARLEY -	U.S. No. 2 (46-lbs. per bushel)	
FOB	Kern County	NA
Rail	Los Angeles	NA
	Stockton-Modesto-Oakdale-Turlock	NA
	Kings-Tulare-Fresno Counties	NA
	Glenn County	NA
Truck	Petaluma-Santa Rosa	\$9.75
	Stockton-Modesto-Oakdale-Turlock	\$9.75
	Colusa County	NA
CORN-U.S	5. No. 2 Yellow	
FOB	Turlock-Tulare	\$7.60

	Chino valley-Los Angeles	J0.05-0.01
Truck	Petaluma-Santa Rosa	NA
	Stockton-Modesto-Oakdale-Turlock	\$7.91
	Los Angeles-Chino Valley	NA
	Kings-Tulare-Fresno Counties	\$7.91
	Glenn County	8
SORGHUN	л-U.S. No. 2 Yellow	
Rail	Los Angeles-Chino Valley	
	via BNSF Single	\$7.83
Truck	Modesto-Oakdale-Turlock	NA
	No. 1 White	
Truck	Petaluma	\$11.25-11.35
	Stockton-Modesto-Oakdale-Turlock	\$11.25-11.35
Rail	Petaluma	NA
WHEAT-U.	S. No. 2 or better-Hard Red Winter	
	(Domestic Values for Flour Milling)	
	Los Angeles 12 percent Protein	NA
	Los Angeles 13 percent Protein	NA
	Los Angeles 14 percent Protein	NA
Truck/Rail	Los Angeles 11-12 percent Protein	
	Los Angeles 12 percent Protein	NA
	Los Angeles 13 percent Protein	NA
	Los Angeles 14 percent Protein	NA
FOB	Tulare-Kern-Merced	NA
WHEAT-U.	S. Durum Wheat	
Truck	Imperial County	\$10-10.25
	Kings-Tulare-Fresno Counties	NA
	ny Class for Feed	
FOB	Tulare	NA
	Kings-Tulare-Fresno Counties	NA
	Kern County	NA
Truck/Rail	Los Angeles-Chino Valley	NA
Truck	Petaluma-Santa Rosa	NA
	Stockton-Modesto-Oakdale-Turlock	NA
	King-Tulare-Fresno Counties	NA
	Fresno	NA
	Merced County	NA
	Colusa County	NA
	Kern County	NA

Prices paid to California farmers, seven-day reporting period WHEAT, U.S. No. 1, Hard Amber Durum for Flour Milling Spot Del locally

Imperial Valley \$10-10.25 YELLOW CORN, U.S. No. 2 or bette Glenn County \$8 Del locally

Livestock Auctions Cattle prices in dollars per hundredweight (cwt.)

except some replacement animals per pair or

Washington TOPPENISH

(Toppenish Livestock Auction) (USDA Market News) Moses Lake, Wash. Sept. 3

This week Last year Last week 1.400 1.185 1.600 Compared to Aug. 26 at the same market Stocker and feeder cattle \$1-5 lower in a light test. Trade active with good demand. Slaughter cows and bulls \$1-3 lower. Trade active with light to moderate demand as Labor Day weekend meat

orders dried up. Slaughter cows 69 percent, Slaughter bulls 10 percent, and feeders 21 percent of the supply. The feeder supply included 64 percent steers and 36 percent heifers. Near 78 percent of the

run weighed over 600 lbs. Replacement Cows: Pre-tested for pregnancy, and age. Feeder Steers: Medium and Large 1-2: 500 600 lbs. \$120.50-126.50; 600-700 lbs. \$129.75-

134: 600-700 lbs. \$124-125.50. Calves: 700-800 lbs. \$124-127. Medium and Large 2-3: 600-700 lbs. \$117.50: 700-800 lbs. \$105. Large 2-3: 900-1000 lbs. \$108

Feeder Heifers: Medium and Large 1-2: 400-500 lbs. \$120-122: 500-600 lbs. \$120-122: 600-700 lbs. \$116-118; 700-800 lbs. \$117.50-119.50; 800-900 lbs. \$107. Large 1-2: 1100-1200 lbs. \$65. Full. Large 2-3: 1200-1300 lbs. \$81.50

Slaughter Cows: Boning 80-85 percent lean 1300-2000 lbs. \$67-72; Lean 85-90 percent lean 1100-1900 lbs. \$67-73; Lean Light 90 percent lean 900-1250 lbs. \$58-61.

Slaughter Bulls: Yield Grade 1-2 1500-2500

Bred Heifers (Per Head): Few Medium and Large 1-2: 873 lbs. \$1100 1-3 mos. bred.

Idaho CALDWELL (Treasure Valley Livestock)

Aug. 1 Steers (wt.): 300-400 lbs. \$82.50; 400-500 lbs \$95; 500-600 lbs. \$92; 600-700 lbs. \$93.50; 700-800 lbs. \$113: 800 lbs and up \$93.50. Steers (hd.): 200-300 lbs. \$145; 300-400 lbs

\$295: 400-500 lbs. \$300: 500-600 lbs. \$525. Heifers (wt.): 300-400 lbs. \$113: 400-500 lbs \$95; 600-700 lbs. \$88.50; 700-800 lbs. \$80; 800900 lbs. \$70: 900-1000 lbs. \$75.50: 1000-1100 lbs. \$85; 1100-1200 lbs. \$79.50; 1200 lbs and

Heifers (hd.): 100-200 lbs. \$150: 300-400 lbs.

Bull Calf (wt.): 400-500 lbs. \$73. Bull Calf (hd.): 200-300 lbs. \$140. Cows (wt.): 1100-1200 lbs. \$71; 1200-1300 lbs.

\$72; 1500-1600 lbs. \$69; 1600-1700 lbs. \$79; Heiferettes (wt.): NA. Holstein Bulls (wt.): 1100-1200 lbs. \$80; 1200-1300 lbs. \$84; 1300-1400 lbs. \$79.

Oregon

MADRAS (Central Oregon Livestock Auction)

Aug. 29 Total head count: 384 Baby calves: NA.

Steers: 300-400 lbs. \$150-160; 400-500 lbs. \$140-150: 500-600 lbs. \$135-145: 600-700 lbs. \$125-135; 700-800 lbs. \$120-125; 800-900 lbs. \$120-125.

Bulls: High yield. \$88-93; Mostlv \$88: Thinner \$70-87

Pairs: NA

Bred cows: NA. Heifers: 300-400 lbs. \$140-150; 400-500 lbs. \$130-145: 500-600 lbs. \$125-135: 600-700 lbs \$120-125; 700-800 lbs. \$115-120. Heiferettes: NA. Cows: Heiferettes NA; Fleshy cows \$72; high-

yield \$72; medium-yield \$70; low-yield \$65. VALE

(Producers Livestock Market)

Aug. 31 Total receipts: 316 head.

Comments: Softer and cheaper throughout the calf and yearling market, mostly due to sharply lower fat cattle and feeder cattle futures. Steer calves: 300-400 lbs. \$139-165: 400-500 lbs. \$141-150; 500-600 lbs. \$132-146

Heifer calves: 300-400 lbs. \$129-154; 400-500 lbs. \$122-137: 500-600 lbs. \$121-135. Yearling steers: 600-700 lbs. \$122-134; 700 800 lbs. \$107-126; 800-900 lbs. \$113-122. Yearling heifers: 600-700 lbs. \$116-125: 700-800 lbs. \$109-121; 900-1000 lbs. \$102-111.

Light Holstein steers, 600 lbs. and under: NA Light Holstein steers, 700 lbs, and over; NA. Stock cows (young): \$950-1260. Stock cows (B.M.): NA. Pairs, young: NA.

Butcher cows: \$69-71. Thin shelly cows: \$47-59. Butcher bulls: \$65-79.

Future climate change field test doesn't make Earth greener

and ALICIA CHANG

- growing California flowers and grasslands with extra heat, carbon dioxide and nitrogen to mimic a not-so-distant, hotter future.

The results, simulating a post-2050 world, aren't pretty. And they contradict those who insist that because plants like carbon dioxide — the main heat-trapping gas spewed by the burning of fossil fuels climate change isn't so bad,

At least in the California ecosystem, the plants that received extra carbon dioxide, as well as those that got extra warmth, didn't grow more or get greener. They also didn't remove the pollution and store more of it in the soil, said study author Chris Field, director of the Stanford Woods Institute for the Environment. Plant growth tended to decline with

"This experiment real-

Earth from 1982 to 2009 and found it was greening, with a quarter to half the planet producing an increase in the growing season. Field said that earlier study is about trends the planet has already seen, but doesn't say much about the future 'We were able to use the

experimental treatments to produce a 'time machine' allowing us to look at conditions we might encounter in the second half of the 21st century,"

ford's campus, scientists tended 132 different plots of flowers and grass, each with

thousands of plants on them. Some of them got 275 extra parts per million of carbon dioxide in addition to what's already in the air, which was about 370 parts per million when the experiment started and is now more than 400. Others got an additional 3.6 degrees of heat (2 degrees Celsius), or more water, or more nitrogen. Only the extra nitrogen — a

byproduct of diesel engines and ammonia used as fertilizer made plants greener.

plants can use.

Potato Market Reports

Compiled by North American Potato Market News and USDA Agricultural Market Service

Prices are weekly averages of daily prices. All prices are in dollars per hundredweight (cwt.). FWA is a weighted average of shipping point prices or common packs in each area. Weights differ by area. GRI is the Grower Returns Index for each individual area.

FRESH RUSSET POTATO MARKET REPORT (North American Potato Market News) (USDA Market News) Sept. 3

Market commentary: Heavy shipments off the field, from several growing areas, continue to drive Russet table potato prices down

SHIPPING AREA **FWA** Chg Chg 70 ct Chg 10 lb. Film Chg IDAHO NORKOTAHS \$11.88 -\$1.66 \$4.97 -\$1.24 \$15.50 -\$3.50 \$9 -\$1 COLUMBIA BASIN \$5.89 -\$0.14 \$9.50 \$0 \$13.49 -\$0.23 \$19 \$0.50

Sheep/Wool Market Reports

Compiled by USDA Market News Service • Greeley, Colo.-San Angelo,

Wool prices in cents per pound and foreign currency per kilogram, sheep prices in dollars per hundredweight (cwt.) except some replacement animals on per head basis as indicated NATIONAL WOOL REVIEW

(USDA Market News) Greeley, Colo Sept. 2 Domestic wool trading on a clean basis has

been at a standstill this week. No confirmed trades were reported. Domestic wool trading on a greasy basis was at a standstill this week. There were no confirmed trades reported Domestic wool tags No. 1 \$.60-.70

\$.50-.60 \$.40-.50 NATIONAL SHEEP SUMMARY (USDA Market News) San Angelo, Texas Sept. 2

Compared to last week: Slaughter lambs were very uneven, mostly steady to \$10 lower, except at Ft. Collins, Colo., and lambs over 80 lbs. at San Angelo, Texas, steady to \$6 higher

Slaughter ewes were steady to \$10 higher. Feeder lambs were \$5-15 lower. At San Angelo 9,687 head sold. Equity Electronic Auction sold 340 slaughter lambs in North Dakota. In direct trading slaughter ewes were not tested and feeder lambs steady. 9,300 head of negoti-

ated sales of slaughter lambs were steady to \$2higher; 6,600 head of formula sales had no trend due to confidentiality. 4,134 lamb carcasses sold with 45 lbs. and down \$4.02 higher; 45-65 lbs. no trend due to confidentiality; 65-75 lbs. \$.84 lower; 75-85 lbs. no trend due to confidentiality and 85 lbs. and up \$.62 higher.

SLAUGHTER LAMBS Choice and Prime 2-3: San Angelo: shorn and wooled 100-150 lbs \$135-148, buck lambs 100-135 lbs. \$156-166.

SLAUGHTER LAMBS Choice and Prime 1: San Angelo: 40-60 lbs. \$210-224; 60-70 lbs \$180-200; 70-80 lbs. \$168-184, buck lambs \$194-196; 80-90 lbs. \$165-188; 90-110 lbs. \$166-184, buck lams 104-114 lbs, \$186-194. DIRECT TRADING (Lambs with 3-4 percent

shrink or equivalent): 9,300 Slaughter Lambs shorn and wooled 124-153 lbs. \$151-177 (wtd avg \$165.13). SLAUGHTER EWES:

San Angelo: Good 2-3 (fleshy) \$56-60; Utility and Good 1-3 (medium flesh) \$65-80; Utility 1-2 (thin) \$55-68; Cull and Utility 1-2 (very thin) \$40-50; Cull 1 (extremely thin) \$10-40. FEEDER LAMBS Medium and Large 1-2: San Angelo: 68 lbs. \$192; 70-90 lbs. \$161-

REPLACEMENT EWES Medium and Large San Angelo: mixed age hair ewes 90-150 lbs

175 few 184: 90-100 lbs \$160-180

\$85-138 cwt. NATIONAL WEEKLY LAMB CARCASS Choice

and Prime 1-4: Wtd. avg. Weight 45 lbs. Down \$488.55 45-55 lbs. Price not reported due to confidentiality 55-65 lbs Price not reported due to confidentiality 65-75 lbs. \$333.40 \$329.77 75-85 lbs.

85 lbs. and up \$317.78 Sheep and lamb slaughter under federal inspection for the week to date totaled 39,000 compared with 38,000 last week and 39,000 last year

California Egg Reports

Compiled by USDA Market News Service • Des Moines

Shell egg marketer's benchmark price for negotiated egg sales of USDA Grade AA and Grade AA in cartons, cents per dozen. This price does not reflect discounts or other contract terms DAILY CALIFORNIA SHELL EGGS (USDA Market News) Des Moines, Iowa

Sept. 2

Benchmark prices are steady. Asking prices for next week are 2 cents lower for Jumbo, 4 cents lower for Extra Large and Large and unchanged for Medium and Small. The undertone is lower. Retail demand is light to moderate with food service movement moderate to good. Offerings are light to moderate with supplies reported as mostly moderate. Market activity is slow. Small benchmark price 70 cents. Range Range Size

173 147 Extra large Jumbo 137 90 Large SOUTHERN CALIFORNIA

70-78

Prices to retailers, sales to volume buyers, USDA Grade AA and Grade AA, white eggs in cartons, Size **Range** 127-132 Range Size 145-155 Jumbo Extra large

Cattle Market Reports

Compiled by USDA Market News Service • Oklahoma City-Des

Moines-St. Joseph, Mo.-Moses Lake, Wash. Cattle prices in dollars per hundredweight (cwt.) except some replacement animals per pair Oregon

119-128

head as indicated. NATIONAL FEEDER AND STOCKER CATTLE (Federal-State Market News) St. Joseph, Mo.

Size

Large

Last year 211,300 This week Last week 350,200 249,200 Compared to Aug. 26: Feeder steers and heifer sold mostly \$4 to \$10 lower, with some yearlings mid-weel

quoted steady to \$3 lower. Starting out the week, feeder cattle futures had follow through selling from the large losses of Aug. 26 and closed the day down \$.50 to \$1. Early week auctions had to catch up with those board losses from late the previous week and

were much lower than the week before Aug. 31 futures were lower most of the day, and the nearby contracts traded in a \$6.75 range to close \$3.58 higher for the day. Feeder cattle buyers sitting in sale barns couldn't get feedyard managers to answer the phone on Aug. 31; however, after noon as the Board turned higher, a short conversation here and there left cattle buyers with homes for

purchases that seemed too cheap to pass up. Fed cattle trading occurred on Aug. 31 live sales at \$110 \$5 lower than the previous week. There was some optimism that the bottom was here and better days are ahead.

Feeder futures closed the week \$2 to \$3 lower. Fed stee and heifer slaughter in July and August 2016 is more than 300,000 head larger than a year ago and packer margins continue to be in the black.

Fed cattle slaughter weights typically increase this time of year and this year is no exception. However, Boxed beef cutout values are at their lowest point this year and Choice is around 7 lower than Aug. 26 and year-to-date beef production is near 5 percent more

than a year ago. Auction volume included 52 percent weighing over 600 lbs and 39 percent heifers **AUCTIONS** This week Last week Last year

163,100 140,700 WASHINGTON 1,900. 81 pct over 600 lbs. 32 pct heifers. Steers: Medium and Large 1-2 650-700 lbs. \$132.75; 700-750 lbs. \$127.66; 750-800 lbs. \$128.89. Heifers: Medium and Large 1-2 650-700 lbs. \$118.32; 700-750 lbs. \$120.38 DIRECT

42.700 38.000 54.400 SOUTHWEST (Arizona-California-Nevada) 8,000. No cattle over 600 lbs. No heifers. Holsteins: Large 3 325 lbs. \$119-125.25 January Del. NORTHWEST (Washington-Oregon-Idaho) 4,700.

56 pct over 600 lbs. 40 pct heifers. Steers: Medium and Large 1 Future delivery Delivered Price 600-700 lbs. \$135 October-November Calves Idaho. Medium and Large 1-2 Current FOB Price 500-600 lbs. \$140 Current FOB Washington. Future Delivery FOB Price 500-600 lbs. \$139-140 October-November FOB Washington-Oregon-Idaho; 500-600 lbs. \$150-165 October-November FOB Value Added Washington-Oregon-Idaho; 600-700 lbs. \$132-145 October-November FOB Calves Washington-Oregon-Idaho; 700-800 lbs. \$124 December-January FOB Calves Oregon; 800-900 lbs. \$118 December-January FOB Calves Oregon. Feeder Steers: Large 1 Current FOB Price 800-900 lbs. \$128-130 Washington-Oregon; 900-1000 lbs. \$125-127 Washington-Oregon. Current Delivered Price 900-1000 lbs. \$136.50 Idaho. Feeder Heifers: Medium and Large 1 Future Delivery Delivered Price 600-700 lbs. \$125 October-November Del Calves Idaho. Medium and Large 1-2 Current FOB Price 700-800 lbs. \$131.50 Current FOB Oregon. Future Delivery Delivered Price 400-500 lbs. \$140 October-November FOB Idaho; 500-600 lbs. \$127.68 October-November FOB Washington-Oregon-Idaho; 500600 lbs. \$146-155 October-November FOB Value Added Washington-Oregon-Idaho; 600-700 lbs. \$118 Decen ber-January FOB Calves Oregon; 700-800 lbs. \$114-117 December-January FOB Calves Oregon. Large 1 Current FOR Price 800-900 lbs. \$120-122 Washington- Oregon 900-1000 lbs. \$122 Washington-Oregon. Current Deliv-

ered Price 900 lbs. \$120 ldaho. NATIONAL SLAUGHTER CATTLE (USDA Market News) Oklahoma City, Okla.

Sept. 2

Slaughter cattle sold mostly \$5 lower. Cash cattle settled lower as the CME Fat Cattle board continuous ly fell all week. Retailers helping the beef movemen as they are widely featuring beef products in the store Boxed Beef prices as of noon on Sept. 2 averaged \$190.01 down \$6.52 from Aug. 26. The Choice/Selec spread is \$4.18. Slaughter cattle on a national basis for negotiated cash trades through Sept. 2 at noon totaled about 99,227 head. The previous week's total head

Midwest Direct Markets: Live Basis: Steers and Heifers: \$110; Dressed Basis: Steers and Heifers mostly \$175. Slaughter Cows and Bulls (Average Yielding Price

count was 105.229 head.

es): Slaughter cows and bulls mostly steady this week Cutter Cow Carcass Cut-Out Value at the close on Sept. 2 was \$172.83 down \$1.41 from Aug. 26.

NORTHWEST DIRECT CATTLE (USDA Market News) Moses Lake, Wash Sept. 2

This week Last week Last year 7,350 Compared to Aug. 26: Feeder cattle \$3-4 lower. It's been a brutal week for both cash and futures as both markets traded sharply lower this week. Trade moder ate with moderate demand. The feeder supply included 60 percent steers and 40 percent heifers. Near 56

percent of the supply weighed over 600 lbs. Prices are FOB weighing point with a 1-4 percent shrink or equivalent and with a 5-12 cent slide on calves and a 3-8 cent slide on yearlings. Current sales are up to 14 days delivery.

Feeder Steers: Medium and Large 1: Future delivery Delivered Price: 600-700 lbs. \$135 October-November Calves Idaho. Medium and Large 1-2: Current FOB Price: 500- 600 lbs. \$140 Current FOB Washington. Future Delivery FOB Price: 500-600 lbs. \$\$139-140 October-November FOB Washington-Oregon-ldaho; 500-600 lbs. \$150-165 October-November FOB Value Added Washington-Oregon-Idaho; 600-700 lbs. \$132-145 October-November FOB Calves Washington-Oregon- Idaho; 700-800 lbs. \$124 December-January FOB Calves Oregon; 800-900 lbs. \$118 December-January FOB Calves Oregon Feeder Steers Large 1: Current FOB Price: 800-900 lbs. \$\$128-130 Washington-Oregon; 900-1000 lbs \$125-127 Washington-Oregon. Current Delivered Price: 900-1000 lbs. \$136.50 ldaho.

Feeder Heifers: Medium and Large 1: Future Delivery Delivered Price: 600- 700 lbs. \$125 October-November Del Calves Idaho. Medium and Large 1-2: Current FOB Price 700-800 lbs. \$131.50 Current FOB Oregon. Future Delivery Delivered Price: 400-500 lbs \$140 October-November FOB Idaho; 500-600 lbs. \$127.68 October-November FOB Washington-Oregon- Idaho; 500-600 lbs. \$146-155 October-November FOB Value Added Washington-Oregon-Idaho; 600-700 lbs. \$118 December-January FOB Calves Oregon; 700-800 lbs. \$114-117 December-January FOB Calves Oregon. Large 1: Current FOB Price: 800-900 lbs. \$120-122 Washington-Oregon; 900-1000 lbs. \$122 Washington-Oregon. Current Delivered Price 900 lbs. \$120 ldaho.

By SETH BORENSTEIN and will result in a greener of international scientists released a study that looked at Earth AP Science Writers

LOS ANGELES — In the course of a 17-year experiment on more than 1 million plants, scientists put future global warming to a real world test

rising temperatures.

ly puts to bed the idea of a greener hypothesis where ecosystems save us from the implications of human-induced climate change," Field said. Earlier this year, a team

On ground outside Stan-

Field, whose study appears Monday in the journal

Proceedings of the National Academy of Sciences, theorizes that there's a limit to how much carbon dioxide