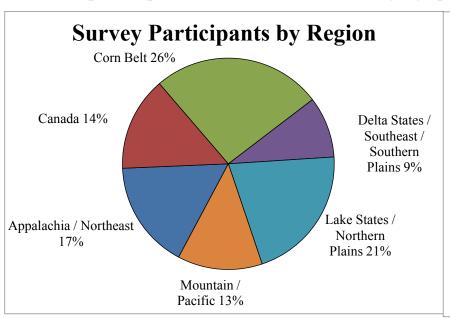
Ag Equipment Intelligence

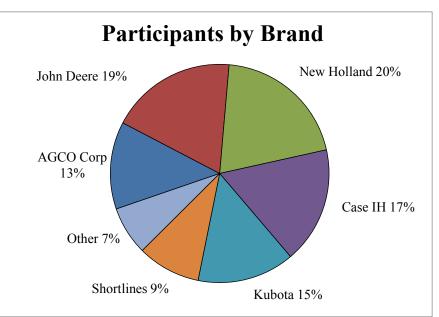
February 2017 Dealer Sentiments & Business Conditions Update

Monthly Ag Equipment Intelligence North American Dealer Survey

Background:

- We are pleased to announce the results of the January *Ag Equipment Intelligence* survey conducted in partnership with Cleveland Research Company. We hope this monthly survey will provide valuable and timely insight into industry trends and fundamentals.
- The January survey had ~140 respondents representing combined annual revenues of roughly \$5 billion. Participants represent a broad cross section of geographies and brands are summarized in the charts below.





Appalachia / Northeast – CT, DE, KY, MA, MD, ME, NC, NH, NY, NJ, PA, RI, TI, TN, VA, VT, WV, Corn Belt – IL, IN, IA, MO, OH, Delta States / Southeast / Southern Plains – AL, AR, FL, GA, LA, MS, OK, SC, TX, Lake States / Northern Plains – KS, MI, MN, NE, ND, SD, WI, Mountain / Pacific – AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY. Note AGCO represents Massey Ferguson and Challenger brands.

Source: Farm Equipment Magazine Survey

Highlights / Summary Thoughts

- Sales Average dealer sales were reported down 6% y/y in January, an improvement from December as a net 9% of dealers missed their sales budget in the month vs. the 22% that missed in December. A net 25% of dealers reported a sales decline in the month, better than the net 32% citing a decline in December. Commercial and consumer lawn equipment sales continue to show strength, while large equipment demand remains weak.
- Outlook –The 2017 sales forecast is projected down 4%, in line with the prior forecast as cash receipt forecasts improved slightly and sentiment has grown more optimistic over the last ~3 months.
- **Inventory** A net 37% of dealers reported new equipment inventories as too high, better than the 40% in December. A net 42% of dealers reported used inventory as too high, relatively in line with last month.
- **Pricing** Dealers reported relatively flat new equipment pricing as OEM price increases have been offset by greater discounting at the dealer level. Used large tractor pricing was reported down ~5% y/y, better than the down 7% reported in December. Used combine pricing was down 9% y/y vs. down 10% in December.

3

Monthly Sales Growth

- Average dealer sales were reported down 6% y/y in January, an improvement from December. A net 9% of dealers missed their sales budgets in January, better than the 22% that missed in December.
- A net 11% of dealers reported they are more optimistic about overall business conditions, the first positive reading since March 2014 and better than the 9% of dealers that were less optimistic in December. We have seen an improvement in sentiment over the past few months.

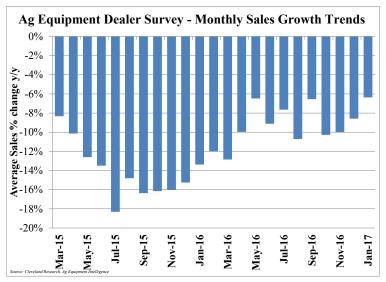
						N	. America	an Farm F	Equipment	Dealer St	urvey - Av	erage De	aler Sales	Growth									
% Change y/y	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
AGCO	-8%	-1%	4%	-12%	-24%	-13%	-14%	-22%	-27%	-9%	0%	-7%	-18%	-4%	-1%	-19%	-7%	-22%	-12%	-12%	-12%	-5%	-13%
John Deere	-8%	-11%	-15%	-14%	-19%	-14%	-15%	-16%	-12%	-16%	-11%	-11%	-13%	-11%	-6%	-8%	-16%	-17%	-4%	-9%	-11%	-6%	-1%
New Holland	-3%	-2%	-7%	-5%	-17%	-12%	-23%	-14%	-13%	-15%	-11%	-10%	-15%	-16%	2%	-3%	-8%	-11%	-12%	-14%	-9%	-15%	-7%
Case IH	-13%	-16%	-19%	-19%	-17%	-19%	-20%	-19%	-22%	-18%	-18%	-20%	-15%	-9%	-19%	-8%	-5%	-11%	-8%	-11%	-11%	-14%	-8%
Kubota	-4%	-1%	0%	0%	0%	-3%	-2%	2%	-5%	-13%	-8%	0%	8%	2%	6%	2%	8%	1%	4%	1%	-1%	5%	-5%
Shortlines/Other	-18%	-8%	-6%	-16%	-7%	-38%	-7%	-9%	-8%	-8%	-9%	-1%	-4%	-6%	-7%	-4%	8%	-22%	-22%	-11%	-7%	-14%	-9%
Total	-8%	-10%	-13%	-13%	-18%	-15%	-16%	-16%	-16%	-15%	-13%	-12%	-13%	-10%	-6%	-9%	-8%	-11%	-7%	-10%	-10%	-9%	-6%

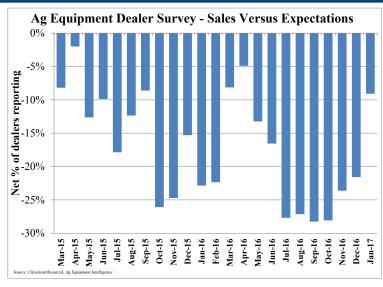
Source: Cleveland Research, Ag Equipment Intelligence

							N. Ameri	can Farm	Equipmer	t Dealer	Survey - S	ales Vers	us Expect	ations									
% of Dealers Reporting	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-17
Better than expected	20%	27%	23%	21%	18%	16%	19%	15%	12%	19%	12%	15%	20%	24%	21%	22%	15%	14%	14%	16%	8%	11%	16%
In line with expectations	50%	44%	39%	48%	45%	56%	53%	43%	51%	47%	52%	47%	52%	48%	46%	40%	43%	44%	44%	40%	61%	57%	59%
Worse than expected	28%	29%	36%	31%	36%	28%	28%	41%	37%	34%	35%	38%	28%	29%	34%	38%	42%	41%	42%	44%	31%	32%	25%
Net % (Better - Worse)	-8%	-2%	-13%	-10%	-18%	-12%	-9%	-26%	-25%	-15%	-23%	-22%	-8%	-5%	-13%	-17%	-28%	-27%	-28%	-28%	-24%	-22%	-9%

Source: Cleveland Research, Ag Equipment Intelligence

Monthly Sales Growth Continued





						N. Am	erican Fa	rm Equipr	nent Deal	er Survey	- Average	Dealer R	Revenue G	owth Tre	nds								
% of Dealers Reporting	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-17
Positive Sales Growth	20%	27%	29%	26%	20%	19%	24%	20%	16%	18%	14%	20%	23%	27%	29%	27%	20%	19%	22%	18%	20%	26%	27%
Flat Sales	50%	11%	17%	11%	16%	16%	16%	15%	17%	10%	22%	20%	17%	23%	16%	23%	21%	19%	22%	15%	23%	17%	22%
Negative Sales Growth	28%	62%	54%	63%	64%	65%	60%	65%	67%	72%	64%	60%	60%	50%	55%	50%	59%	62%	56%	67%	58%	58%	52%
Net % Reporting Growth	-8%	-35%	-25%	-37%	-43%	-46%	-35%	-46%	-52%	-54%	-50%	-40%	-37%	-23%	-26%	-23%	-39%	-43%	-33%	-48%	-38%	-32%	-25%
Average % Change y/y	-8%	-10%	-13%	-13%	-18%	-15%	-16%	-16%	-16%	-15%	-13%	-12%	-13%	-10%	-6%	-9%	-8%	-11%	-7%	-10%	-10%	-9%	-6%

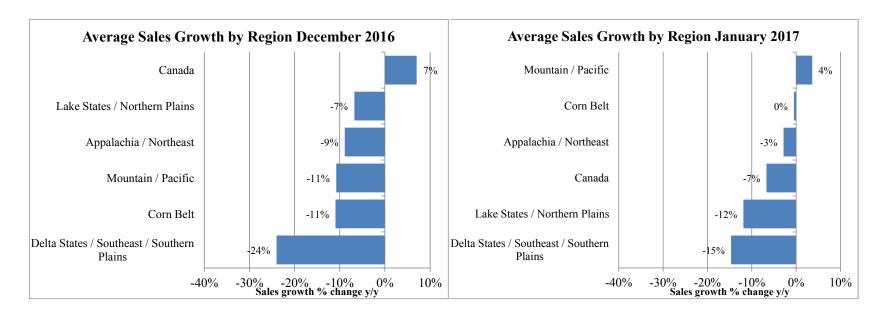
Source: Cleveland Research

									Optimism	/Sentimer	nt vs. Last	Month											
% of Dealers Reporting	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-17
More Optimistic	14%	14%	12%	13%	14%	11%	12%	8%	10%	8%	11%	13%	17%	15%	22%	11%	16%	11%	14%	13%	15%	17%	31%
Same	42%	47%	48%	58%	52%	45%	51%	60%	52%	48%	46%	51%	55%	59%	51%	60%	44%	52%	49%	53%	60%	58%	48%
Less Optimistic	43%	40%	40%	30%	35%	43%	37%	33%	38%	44%	43%	36%	28%	26%	27%	30%	40%	36%	38%	34%	25%	26%	20%
Net % Dealer Optimism	-29%	-26%	-26%	-18%	-21%	-32%	-26%	-25%	-28%	-35%	-31%	-24%	-11%	-11%	-4%	-19%	-24%	-25%	-24%	-21%	-10%	-9%	11%

Source: Cleveland Research

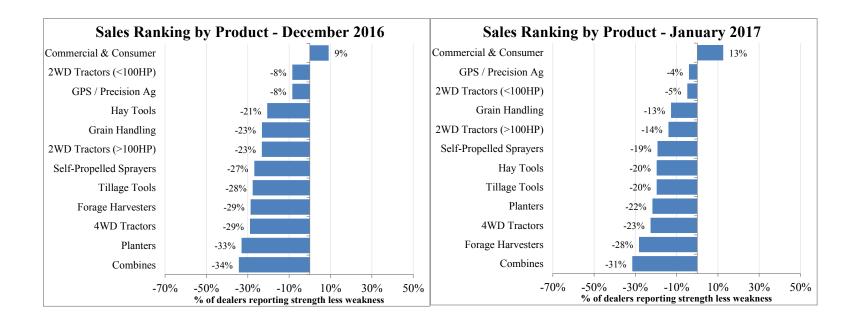
Monthly Sales Growth by Region

• Sales trends by region were mixed in the month. Canada softened in the month, declining in January following sequential improvement over the past few months. The Mountain/Pacific region saw the greatest improvement in the month, seeing growth for the first time in 6 months. The Corn Belt saw the highest reading since May 2014.



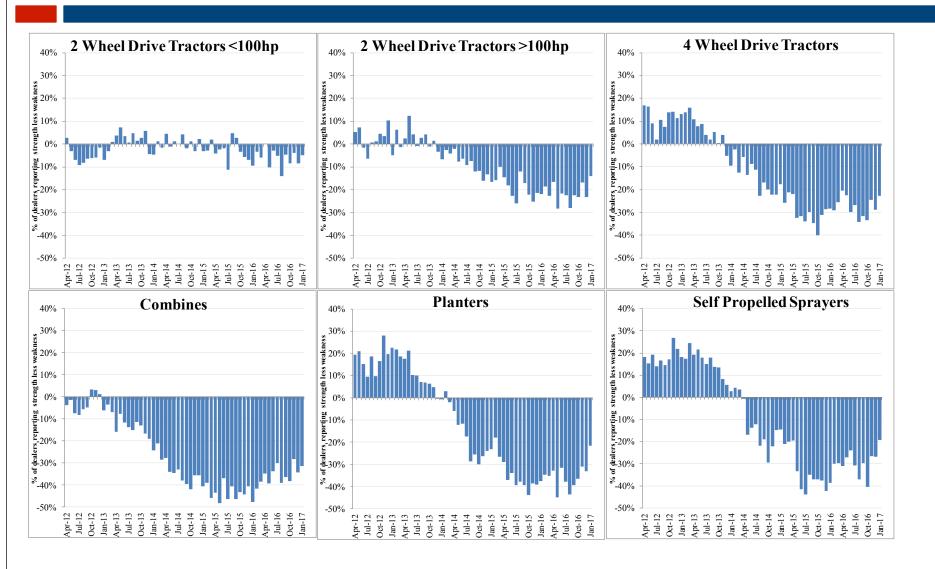
Equipment Category Sales Trends

• All product categories improved vs. last month. Commercial & consumer lawn equipment continues to show strength in contrast to declines in other categories (planters, combines, sprayers and harvesters in particular). While GPS/Precision Ag equipment had seen strength in the 1H16, trends have deteriorated over the past few months. We continue to see significant headwinds to large equipment sales.

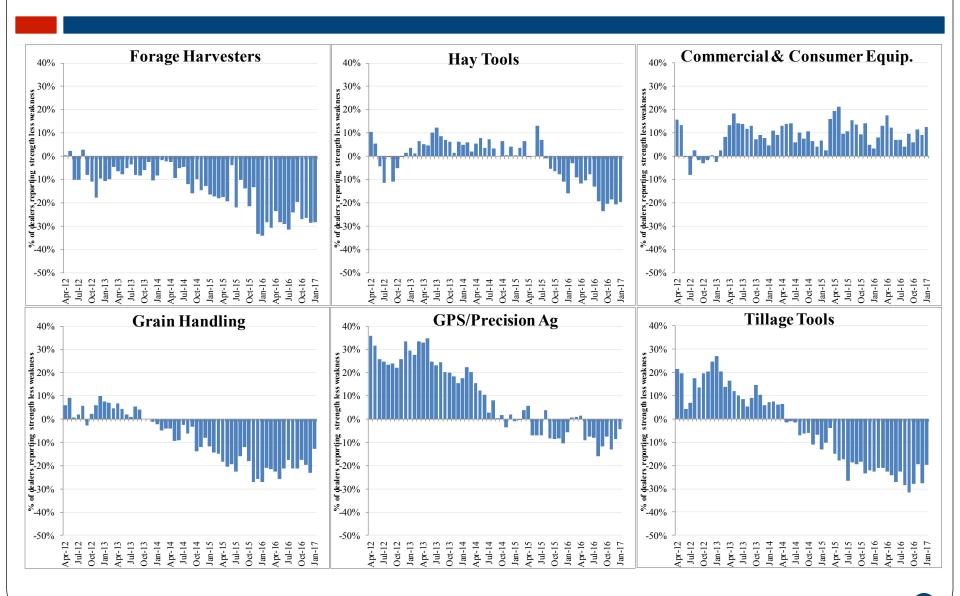


Source: Ag Equipment Intelligence

Equipment Category Sales Trends



Equipment Category Sales Trends (Continued)



Most Interesting Commentary - Monthly Sales and Outlook

- We saw a pickup in activity in December that continued into January, leading to sales growth of more than 10%.
- Retail sales of used large equipment was a positive surprise in January.
- January is normally a slow month, but this year we saw an increase in activity and beat our sales expectations for the month.
- We saw an uptick in traffic and customer interest in January that we did not see for the bulk of 2016.
- We saw an uptick in our service center activity and parts sales were up 30% y/y in January.
- Our manufacturer announced new price increases and significantly pulled back on incentive programs.
- Our manufacturer raised new equipment pricing by \sim 5% and reduced cash back incentives in January.
- Programs were less aggressive in January despite continued weak market trends which was a dramatic change from December.
- We were disappointed to see our manufacturer remove programs for used equipment. These are the machines we need to get rid of.
- There was a lack of interest in smaller used equipment in January.
- The dealer network is still experiencing used inventory overhang which I expect will negatively impact 2017.
- Our used equipment inventory is too high, but it is coming down. We still have too many planters and high horsepower tractors.
- We believe the used equipment pricing is still too high given the continued weak demand environment and high levels of inventory.
- Our used equipment values are 20-30% overvalued based on the market conditions we are seeing.
- The improvement in pricing and lower grain inventories have made us more optimistic on 2017.
- We expect more rebuilds than equipment purchases in 2017, as equipment remains too expensive relative to farmers' income.
- While we are seeing increased optimism with our customers, our outlook is unchanged. We expect sales to be flat to down slightly.
- Our customers have a great attitude post-election, but we need to see an improvement in grain markets to drive sales.

Average Dealer Sales Outlook

- The 2017 sales growth forecast was reported at down 4%, in line with last month's forecast following improvements in cash receipt forecasts over the past 2-3 months.
- The bottom table details the 2017 industry outlooks from Deere, CNHI and AGCO. N. America industry forecasts are down 5-10% on average.

N. A	merican Farm	Equipment	Dealer Sur	vey - 2017	Sales Fore	ecast	
% change y/y	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
AGCO	-1%	-2%	-20%	-10%	-8%	-2%	-1%
John Deere	-11%	-4%	-15%	-1%	-6%	-5%	-3%
New Holland	-4%	-3%	-21%	-3%	-5%	-4%	-6%
Case IH	-14%	-6%	-20%	-12%	2%	-13%	-7%
Kubota	6%	-24%	4%	-3%	-6%	-2%	-8%
Shortlines/Other	-3%	-5%	-19%	-2%	0%	-10%	1%
Overall	-8%	-7%	-8%	-5%	-4%	-4%	-4%

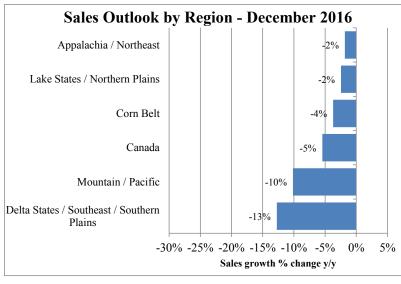
Source: Cleveland Research, Ag Equipment Intelligence

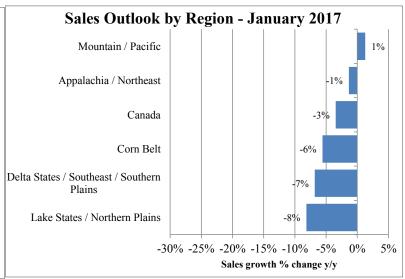
	2017 Ag	Equipment Industry Sales Outlook (units)	
Geography	Deere	CNH Industrial	AGCO Corp.
N. America	Down 5-10%	Tractors (5-10%), Combines (5-10%)	Down 5-10%; HHP Down 10%
Western Europe	Down ∼5%	Tractors (5%), Combines (5%)	Flat to Down 5%
Latin America	Up 15-20%	Tractors 15%, Combines 15%	Up 10%
CIS or ROW	na	na	na
Asia	Flat to up Slightly	Tractors 0-5%, Combines Flat	na

Source: Company reports, CRC estimates

2017 Sales Outlook

• The 2017 outlook in January improved from December with forecasts in the range of up 1% to down 8% vs. down 2% to down 13% last month. The Mountain/Pacific region is forecasting 1% growth y/y, an improvement from December. The Lake States/Northern Plains region is forecasting an 8% decline, worse than the 2% decline in December. Dealers noted an increased optimism with customers, but remain cautious as farmer income remains weak.

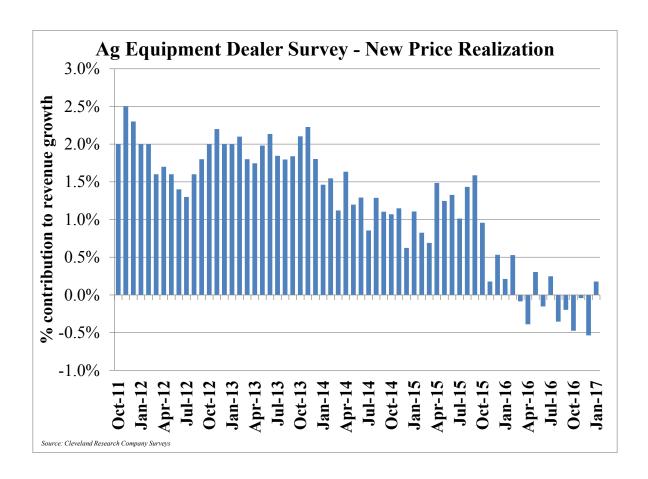




12

Pricing Trends

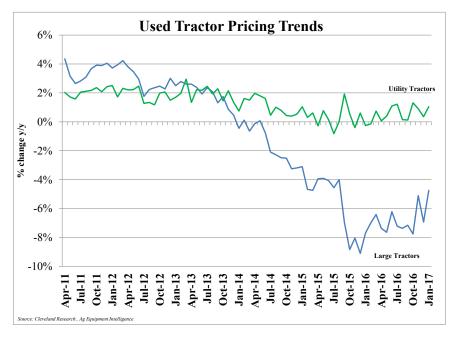
• Dealers reported relatively flat pricing over the last few months as incentive programs have more than offset list price increases. Commentary in the month suggests that incentive programs are slowing.

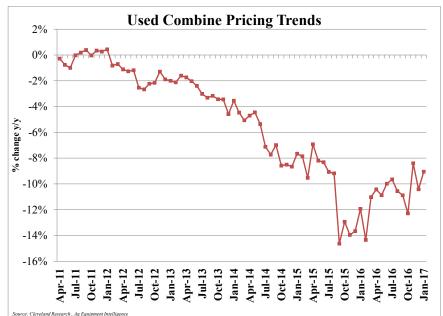


Used Equipment Pricing

• Pricing trends improved across categories in the month. Large tractors were reported down ~5% y/y on average, slightly better than the 7% decline reported in December. Combine pricing was down 9% y/y, better than the 10% decline in December.

						Us	ed Tractor a	nd Combine	Values (Y/	Y)							
	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Compact (<40HP)	2%	1%	(1%)	0%	(1%)	0%	1%	0%	1%	2%	2%	1%	1%	2%	2%	1%	1%
Utility (40-100HP)	2%	0%	(0%)	1%	0%	(1%)	0%	0%	0%	1%	1%	(0%)	(0%)	1%	0%	0%	1%
Row Crop (100HP+)	(4%)	(6%)	(7%)	(7%)	(6%)	(5%)	(5%)	(6%)	(7%)	(5%)	(6%)	(6%)	(6%)	(6%)	(4%)	(5%)	(3%)
4WD Tractors	(9%)	(11%)	(9%)	(11%)	(10%)	(9%)	(8%)	(8%)	(9%)	(8%)	(8%)	(9%)	(8%)	(10%)	(7%)	(9%)	(6%)
Combines	(15%)	(13%)	(14%)	(14%)	(12%)	(14%)	(11%)	(10%)	(11%)	(10%)	(10%)	(11%)	(11%)	(12%)	(8%)	(10%)	(9%)

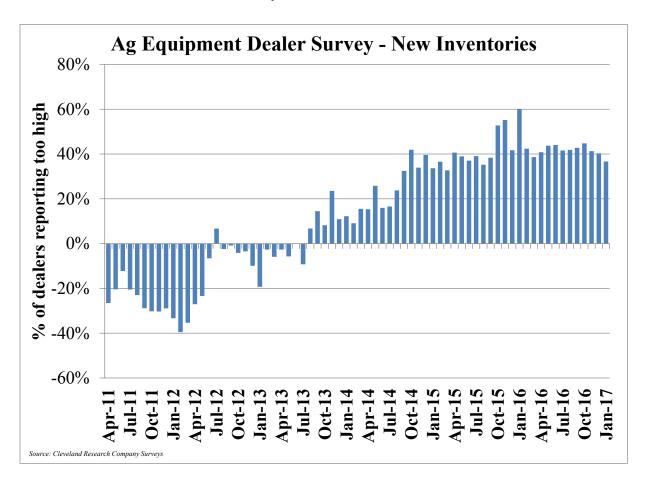




Source: Ag Equipment Intelligence

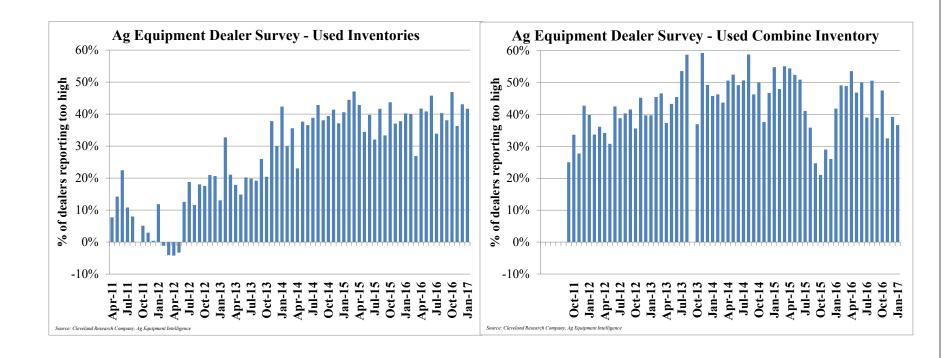
New Equipment Inventory Levels

• A net 37% of dealers reported new equipment inventories are too high (42% too high, 53% about right, 5% too low), relatively in line with the net 40% of dealers reporting inventories as too high in December. New inventory levels have been elevated for over 3 years.



Used Equipment Inventory Levels

• A net 42% of dealers reported used equipment inventory as too high (52% too high, 39% about right, 10% too low), inline with the 43% reporting heightened inventory in December (47% too high, 49% about right, 4% too low). Used combine inventory levels were reported as too high by a net 37% of dealers in January, compared to December's reading of 39% and November's 33%.



North American Farm Equipment Industry Retail Sales

_				N	ORTH A	MERICAN 1	FARM EQUI	PMENT RE	TAIL SAI	ES				
[Units						% cha	nge year-ov	er-year		
					Total	Row Crop)					Total	Row Crop)
	< 40 HP	Utility	Row Crop	4-Wheel	Tractor	& 4WD	Combines	< 40 HP	Utility	Row Crop	4-Wheel	Tractor	& 4WD	Combines
Jan-14	4,755	4,152	3,303	631	12,841	3,934	824	1%	2%	12%	-7%	3%	8%	33%
Feb-14	5,308	3,745	2,423	575	12,051	2,998	526	4%	1%	-6%	-14%	0%	-8%	-15%
Mar-14	10,108	5,110	3,155	655	19,028	3,810	899	22%	3%	-9%	-7%	9%	-9%	-25%
Apr-14	14,191	6,010	3,752	745	24,698	4,497	996	2%	7%	-13%	-12%	0%	-13%	-13%
May-14	16,828	6,586	2,928	474	26,816	3,402	669	-2%	6%	-16%	-14%	-2%	-16%	-24%
Jun-14	15,245	6,488	2,733	408	24,874	3,141	837	13%	2%	-16%	-25%	5%	-18%	-25%
Jul-14	11,245	5,934	3,206	389	20,774	3,595	1,034	5%	7%	1%	-21%	4%	-2%	-30%
Aug-14	9,691	5,444	2,575	371	18,081	2,946	946	4%	9%	-9%	-37%	2%	-14%	-24%
Sep-14	11,333	6,193	3,276	492	21,294	3,768	1,142	32%	28%	-2%	-14%	23%	-4%	-11%
Oct-14	10,950	7,085	4,920	733	23,688	5,653	983	14%	6%	-17%	-40%	1%	-21%	-41%
Nov-14	5,857	4,177	1,891	354	12,279	2,245	450	4%	8%	-29%	-45%	-4%	-32%	-50%
Dec-14	8,089	7,473	3,730	512	19,804	4,242	920	6%	8%	-24%	-47%	-3%	-28%	-40%
Jan-15	5,382	4,506	3,124	220	13,232	3,344	384	13%	9%	-5%	-65%	3%	-15%	-53%
Feb-15	5,305	3,250	1,955	348	10,858	2,303	399	0%	-13%	-19%	-39%	-10%	-23%	-24%
Mar-15	9,702	4,799	2,539	499	17,539	3,038	470	-4%	-6%	-20%	-24%	-8%	-20%	-48%
Apr-15	16,624	6,461	3,131	430	26,646	3,561	664	17%	8%	-17%	-42%	8%	-21%	-33%
May-15	16,028	5,643	1,994	260	23,925	2,254	549	-5%	-14%	-32%	-45%	-11%	-34%	-18%
Jun-15	15,679	6,526	2,409	300	24,914	2,709	502	3%	1%	-12%	-26%	0%	-14%	-40%
Jul-15	14,372	7,039	2,469	268	24,148	2,737	806	28%	19%	-23%	-31%	16%	-24%	-22%
Aug-15	9,800	5,087	1,768	167	16,822	1,935	679	1%	-7%	-31%	-55%	-7%	-34%	-28%
Sep-15	10,917	5,348	1,934	249	18,448	2,183	845	-4%	-14%	-41%	-49%	-13%	-42%	-26%
Oct-15	12,897	6,792	3,266	515	23,470	3,781	796	18%	-4%	-34%	-30%	-1%	-33%	-19%
Nov-15	6,112	3,728	1,159	222	11,221	1,381	343	4%	-11%	-39%	-37%	-9%	-38%	-24%
Dec-15	8,755	6,376	2,567	516	18,214	3,083	883	8%	-15%	-31%	1%	-8%	-27%	-4%
Jan-16	5,946	4,250	1,981	243	12,420	2,224	455	10%	-6%	-37%	10%	-6%	-33%	18%
Feb-16	6,404	3,386	1,186	222	11,198	1,408	241	21%	4%	-39%	-36%	3%	-39%	-40%
Mar-16	12,453	5,136	1,909	259	19,757	2,168	350	28%	7%	-25%	-48%	13%	-29%	-26%
Apr-16	17,713	5,586	2,548	337	26,184	2,885	465	7%	-14%	-19%	-22%	-2%	-19%	-30%
May-16	17,201	5,634	1,976	234	25,045	2,210	333	7%	0%	-1%	-10%	5%	-2%	-39%
Jun-16	15,794	6,594	1,974	223	24,585	2,197	567	1%	1%	-18%	-26%	-1%	-19%	13%
Jul-16	13,344	5,418	1,833	152	20,747	1,985	619	-7%	-23%	-26%	-43%	-14%	-27%	-23%
Aug-16	11,600	5,068	1,315	102	18,085	1,417	563	18%	0%	-26%	-39%	8%	-27%	-17%
Sep-16	12,632	5,491	1,768	203	20,094	1,971	621	16%	3%	-9%	-18%	9%	-10%	-27%
Oct-16	13,850	6,819	2,722	612	24,003	3,334	579	7%	0%	-17%	19%	2%	-12%	-27%
Nov-16	7,382	3,656	907	205	12,150	1,112	294	21%	-2%	-22%	-8%	8%	-19%	-14%
Dec-16	10,343	6,326	2,071	328	19,068	2,399	687	18%	-1%	-19%	-36%	5%	-22%	-22%
Jan-17	6,821	3,854	1,396	147	12,218	1,543	289	15%	-9%	-30%	-40%	-2%	-31%	-36%

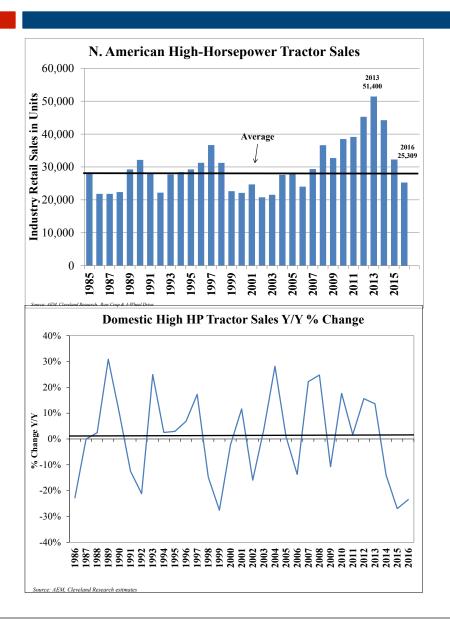
Source: AEM; Cleveland Research Company estimates. High hp tractors are row crop & 4-wheel drive.

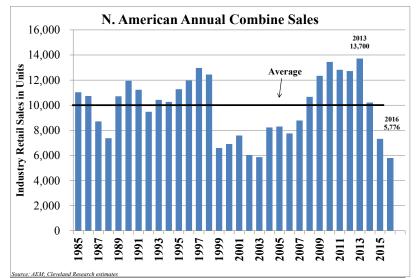
North American Farm Equipment Industry Inventory

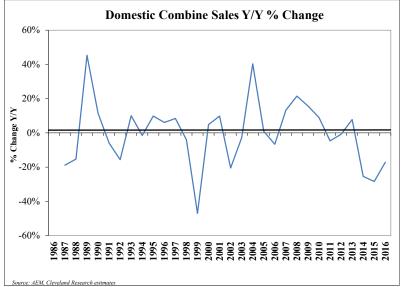
				NORTH A	MERICAN	FARM EQU	PMENT IN	VENTORY	Y				
		In	ventory (Un	its)					Invento	ory to 12-m	o. Sales		
				Total	Row Crop)					Total	Row Crop	
Itil	ility	Row Crop	4-Wheel	Tractor	& 4WD	Combines	<40HP	Util	RC	4-WD	Tractor	& 4WD	Comb
2,0	2,028	13,318	2,049	115,258	15,367	2,083	59%	50%	31%	24%	50%	30%	15%
3,2	3,240	12,620	2,028	116,999	14,648	1,681	60%	52%	29%	24%	51%	28%	12%
4,:	1,326	13,267	2,046	121,153	15,313	2,063	62%	54%	31%	25%	53%	30%	15%
5,2	5,256	14,058	2,218	122,781	16,276	2,456	61%	55%	33%	27%	53%	32%	18%
5,0	5,615	13,298	2,117	121,016	15,415	2,467	60%	55%	31%	26%	52%	31%	18%
4,	1,755	13,505	2,255	116,879	15,760	2,734	57%	54%	32%	28%	51%	32%	21%
4,0	1,004	14,531	2,294	112,854	16,825	3,101	53%	52%	35%	29%	49%	34%	24%
4,3	1,393	14,836	2,159	113,217	16,995	3,144	52%	53%	36%	27%	49%	35%	25%
5,0	5,692	15,060	2,193	115,411	17,253	3,360	53%	54%	37%	29%	49%	36%	28%
5,9	5,926	16,185	2,399	116,321	18,584	2,891	51%	54%	40%	32%	49%	38%	24%
5,9	,965	14,640	1,802	116,120	16,442	2,187	52%	53%	37%	25%	49%	35%	19%
7,	7,110	14,840	1,652	121,293	16,492	2,046	55%	55%	38%	24%	51%	36%	19%
5,:	5,550	14,638	1,426	121,490	16,064	1,674	57%	52%	39%	22%	51%	36%	16%
5,4	5,405	13,934	1,439	124,494	15,373	1,713	59%	51%	37%	24%	53%	35%	18%
6,0	5,676	13,981	1,436	130,270	15,417	1,820	63%	54%	38%	25%	55%	36%	19%
7,	7,881	14,179	1,346	135,068	15,525	2,040	66%	56%	39%	24%	58%	37%	22%
7,0	,047	13,193	1,353	131,941	14,546	2,116	64%	54%	37%	26%	56%	35%	24%
7,0	7,037	13,177	1,400	130,494	14,577	2,058	63%	55%	38%	28%	56%	36%	23%
6,:	5,584	13,006	1,416	127,292	14,422	2,276	61%	54%	37%	29%	55%	36%	27%
5,2	5,232	12,507	1,354	121,969	13,861	2,218	56%	51%	37%	28%	52%	36%	27%
6,4	5,442	12,555	1,343	124,587	13,898	2,232	58%	53%	38%	29%	53%	37%	28%
7.:	,545	12,551	1,374	117,314	13,925	2,001	51%	56%	39%	32%	51%	38%	26%
- 1	7,885	11,906	1,266	126,099	13,172	1,504	57%	56%	39%	31%	54%	38%	20%
	,911	12,983	1,317	133,439	14,300	1,492	61%	60%	44%	33%	58%	43%	20%
-	,363	13,140	1,189	138,429	14,329	1,277	63%	63%	46%	30%	60%	44%	17%
	2,352	12,727	1,129	142,826	13,856	1,169	66%	65%	47%	28%	62%	44%	16%
	1,704	13,298	1,097	151,170	14,395	1,281	69%	68%	50%	28%	66%	48%	18%
	5,127	13,327	1,131	153,288	14,458	1,281	69%	69%	52%	31%	66%	49%	18%
	1,499	13,136	1,115	149,131	14,251	1,312	66%	69%	52%	31%	65%	50%	19%
- 1	3,931	13,015	1,152	144,549	14,167	1,492	63%	68%	52%	33%	62%	49%	22%
- 1	2,688	12,928	1,005	138,885	13,933	1,593	59%	66%	52%	29%	60%	49%	24%
	,621	12,765	920	136,352	13,685	1,580	59%	66%	53%	28%	60%	50%	24%
	,683	12,962	998	135,466	13,960	1,671	57%	66%	55%	30%	59%	52%	26%
-	,007	12,671	1,103	133,219	13,774	1,428	56%	65%	54%	34%	58%	52%	23%
-	0,058	11,417	1,013	129,097	12,430	1,118	55%	62%	50%	30%	56%	47%	19%
- 1	,972	12,075	1,059	133,356	13,134	1,105	56%	63%	53%	32%	57%	51%	19%
													19%
9,:),339	11,955	985	133,735	12,940	1,082		56%	56% 62%	56% 62% 54%	56% 62% 54% 32%	56% 62% 54% 32% 57%	56% 62% 54% 32% 57% 51%

Source: AEM; Cleveland Research Company estimates

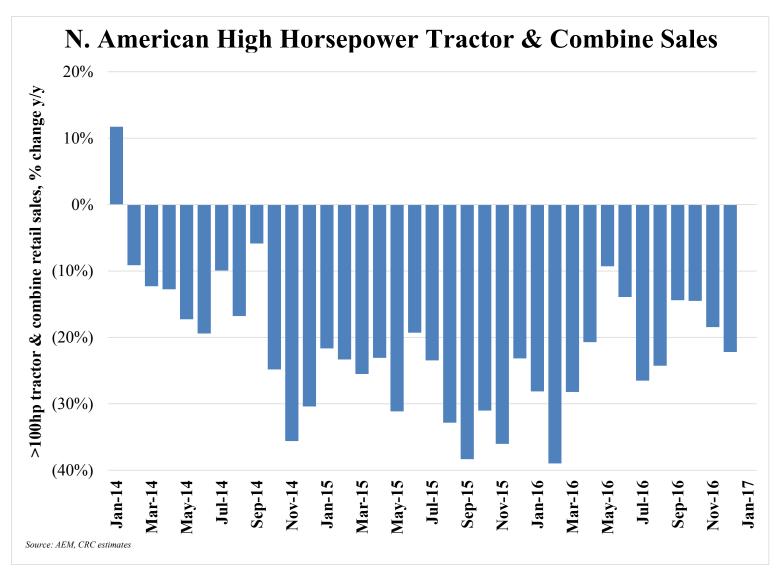
Annual Agricultural Equipment Industry Sales (1985 - 2016)







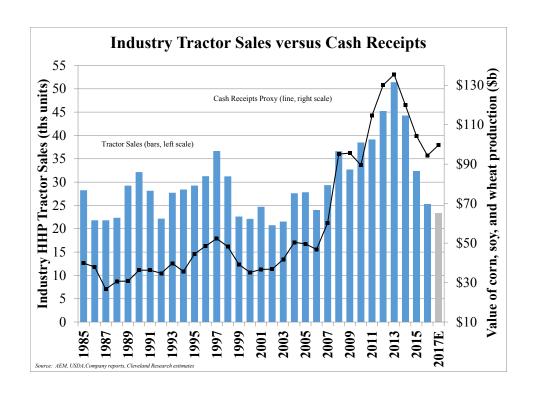
North America Large Ag Equipment Sales



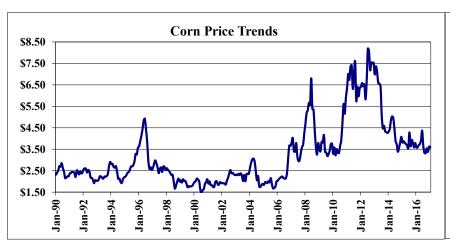
Commodity Prices – Cash Receipts vs. Next Year Equipment Sales

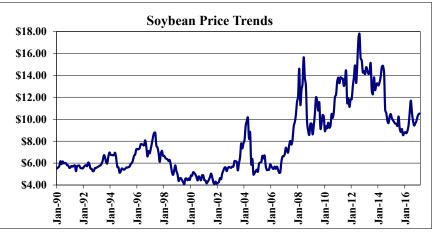
USDA's February WASDE Update Highlights – The following chart illustrates the historical relationship between the value of production of corn, soybeans, and wheat in the U.S. compared to annual industry sales of high horsepower tractors.

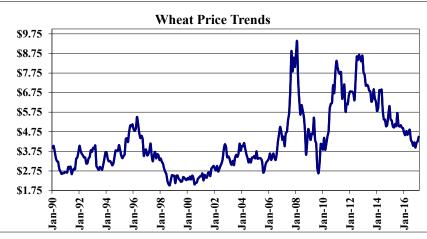
USDA's February crop report was similar to January, with cash receipts proxy forecast up 7% y/y in 2016/2017. Corn and soybean price forecasts were unchanged while wheat pricing estimates were raised 1% higher from last month.

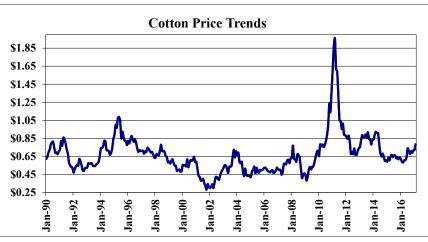


Long Term Commodity Price Trends









22

Commodity Trends – Long Run Supply and Demand Projections

US Corn Balance Sheet - USDA Long T	Term Forecast	(Feb 2017)												
Millions of bushels	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/2027
Planted	95	91	88	94	90	90	90	89	88	88	87	87	87	8
Harvested	88	83	81	87	82	82	82	81	80	80	79	79	79	7
Yield (bu/acre)	158	171	168	175	171	173	175	177	179	181	183	185	187	18
Beginning Stocks (MM bu)	821	1,232	1,731	1,737	2,403	2,298	2,213	2,193	2,104	2,033	2,023	1,933	1,923	1,89
Production (MM bu)	13,829	14,216	13,601	15,148	14,060	14,135	14,300	14,285	14,360	14,520	14,495	14,655	14,719	14,78
Imports (MM bu)	36	32	67	55	50	50	50	50	50	50	50	50	50	5
Total Supply (MM bu)	14,686	15,480	15,399	16,940	16,513	16,483	16,563	16,528	16,514	16,603	16,568	16,638	16,692	16,73
Feed & Residual (MM Bu)	5,036	5,315	5,130	5,600	5,500	5,500	5,600	5,625	5,700	5,800	5,850	5,950	6,025	6,07
Food, Seed, & Industrial Total	6,501	6,568	6,635	6,795	6,765	6,795	6,770	6,775	6,730	6,705	6,685	6,640	6,620	6,59
Ethanol & By-Products	5,134	5,209	5,206	5,350	5,325	5,350	5,325	5,325	5,275	5,250	5,225	5,175	5,150	5,12
Domestic Use	11,537	11,883	11,765	12,395	12,265	12,295	12,370	12,400	12,430	12,505	12,535	12,590	12,645	12,67
Exports	1,917	1,864	1,898	2,225	1,950	1,975	2,000	2,025	2,050	2,075	2,100	2,125	2,150	2,17
Total Use	13,454	13,747	13,663	14,620	14,215	14,270	14,370	14,425	14,480	14,580	14,635	14,715	14,795	14,84
Ending Stocks	1,232	1,731	1,738	2,320	2,298	2,213	2,193	2,104	2,033	2,023	1,933	1,923	1,896	1,88
Ending Stocks/Use	9.2%	12.6%	12.7%	15.9%	16.2%	15.5%	15.3%	14.6%	14.0%	13.9%	13.2%	13.1%	12.8%	12.79
Weeks Carryover	4.8	6.5	6.6	8.3	8.4	8.1	7.9	7.6	7.3	7.2	6.9	6.8	6.7	6
Average Farm Price (\$/bu)	\$4.46	\$3.70	\$3.61	\$3.40	\$3.30	\$3.35	\$3.35	\$3.45	\$3.50	\$3.55	\$3.60	\$3.65	\$3.65	\$3.7
Value of Production	\$61,677	\$52,599	\$49,100	\$51,503	\$46,398	\$47,352	\$47,905	\$49,283	\$50,260	\$51,546	\$52,182	\$53,491	\$53,724	\$54,70
% change y/y	-17%	-15%	-7%	5%	-10%	2%	1%	3%	2%	3%	1%	3%	0%	29
HC Cooks on Delevery Chart HCDA L	T F		117)											
U.S. Soybean Balance Sheet - USDA Lo Millions of bushels	2013/14	2014/15	2015/16								2023/24			
Millions of bushels Planted	2013/14 77	2014/15 83	2015/16 83	83	86	85	85	85	85	85	85	85	85	8
Millions of bushels Planted Harvested	2013/14 77 76	2014/15 83 83	2015/16 83 82	83 83	86 85	85 84	85 84	85 84	85 84	85 84	85 84	85 84	85 84	8
Millions of bushels Planted	2013/14 77	2014/15 83	2015/16 83	83	86	85	85	85	85 84	85	85	85	85	8
Millions of bushels Planted Harvested	2013/14 77 76	2014/15 83 83	2015/16 83 82	83 83	86 85	85 84	85 84	85 84	85 84 50	85 84	85 84	85 84	85 84	8 8 5
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels)	2013/14 77 76 44	2014/15 83 83 48	2015/16 83 82 48	83 83 52	86 85 48	85 84 48	85 84 49	85 84 49	85 84 50 291	85 84 50	85 84 51	85 84 51	85 84 52	8 8 5 33
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks	2013/14 77 76 44 141	2014/15 83 83 48 92	2015/16 83 82 48 191	83 83 52 197	86 85 48 480	85 84 48 396	85 84 49 326	85 84 49 306	85 84 50 291 4,195	85 84 50 300	85 84 51 309	85 84 51 317	85 84 52 330	2026/202 8 8 5 33 4,40
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production	2013/14 77 76 44 141 3,358	2014/15 83 83 48 92 3,927	2015/16 83 82 48 191 3,926	83 83 52 197 4,307	86 85 48 480 4,050	85 84 48 396 4,070	85 84 49 326 4,090	85 84 49 306 4,130	85 84 50 291 4,195	85 84 50 300 4,240	85 84 51 309 4,280	85 84 51 317 4,325	85 84 52 330 4,365	8 8 5 33 4,40
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports	2013/14 77 76 44 141 3,358 72	2014/15 83 83 48 92 3,927 33	2015/16 83 82 48 191 3,926 24	83 83 52 197 4,307 25	86 85 48 480 4,050 30	85 84 48 396 4,070 30	85 84 49 326 4,090 30	85 84 49 306 4,130 30	85 84 50 291 4,195 30 4,516	85 84 50 300 4,240 30 4,570 2,040	85 84 51 309 4,280 30	85 84 51 317 4,325 30	85 84 52 330 4,365 30	33 4,40 3 4,77
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies	2013/14 77 76 44 141 3,358 72 3,571	2014/15 83 83 48 92 3,927 33 4,052	2015/16 83 82 48 191 3,926 24 4,141	83 83 52 197 4,307 25 4,528	86 85 48 480 4,050 30 4,560	85 84 48 396 4,070 30 4,496	85 84 49 326 4,090 30 4,446	85 84 49 306 4,130 30 4,466	85 84 50 291 4,195 30 4,516 2,015	85 84 50 300 4,240 30 4,570	85 84 51 309 4,280 30 4,619	85 84 51 317 4,325 30 4,672	85 84 52 330 4,365 30 4,725	33 4,40 34,77 2,13
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush	2013/14 77 76 44 141 3,358 72 3,571 1,734	2014/15 83 83 48 92 3,927 33 4,052 1,873	2015/16 83 82 48 191 3,926 24 4,141 1,886	83 83 52 197 4,307 25 4,528 1,930	86 85 48 480 4,050 30 4,560 1,935	85 84 48 396 4,070 30 4,496 1,955	85 84 49 326 4,090 30 4,446 1,970	85 84 49 306 4,130 30 4,466 1,990	85 84 50 291 4,195 30 4,516 2,015 2,070	85 84 50 300 4,240 30 4,570 2,040	85 84 51 309 4,280 30 4,619 2,060	85 84 51 317 4,325 30 4,672 2,085	85 84 52 330 4,365 30 4,725 2,105	33 4,40 3 4,77 2,13
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush Exports	2013/14 77 76 44 141 3,358 72 3,571 1,734 1,647	2014/15 83 83 48 92 3,927 33 4,052 1,873 1,843	2015/16 83 82 48 191 3,926 24 4,141 1,886 1,936	83 83 52 197 4,307 25 4,528 1,930 2,050	86 85 48 480 4,050 30 4,560 1,935 2,100	85 84 48 396 4,070 30 4,496 1,955 2,085	85 84 49 326 4,090 30 4,446 1,970 2,040	85 84 49 306 4,130 30 4,466 1,990 2,055	85 84 50 291 4,195 30 4,516 2,015 2,070	85 84 50 300 4,240 30 4,570 2,040 2,090	85 84 51 309 4,280 30 4,619 2,060 2,110	85 84 51 317 4,325 30 4,672 2,085 2,125	85 84 52 330 4,365 30 4,725 2,105 2,150	4,40 33 4,40 3 4,77 2,13 2,15
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush Exports Seed & Residual	2013/14 77 76 44 141 3,358 72 3,571 1,734 1,647	83 83 48 92 3,927 33 4,052 1,873 1,843	2015/16 83 82 48 191 3,926 24 4,141 1,886 1,936	83 83 52 197 4,307 25 4,528 1,930 2,050	86 85 48 480 4,050 30 4,560 1,935 2,100	85 84 48 396 4,070 30 4,496 1,955 2,085	85 84 49 326 4,090 30 4,446 1,970 2,040	85 84 49 306 4,130 30 4,466 1,990 2,055	85 84 50 291 4,195 30 4,516 2,015 2,070	85 84 50 300 4,240 30 4,570 2,040 2,090	85 84 51 309 4,280 30 4,619 2,060 2,110	85 84 51 317 4,325 30 4,672 2,085 2,125	85 84 52 330 4,365 30 4,725 2,105 2,150	4,44 4,77 2,13 2,14 4,41
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush Exports Seed & Residual Total Use Ending Stocks	2013/14 77 76 44 141 3,358 72 3,571 1,734 1,647 98 3,479	2014/15 83 83 48 92 3,927 33 4,052 1,873 1,843	2015/16 83 82 48 191 3,926 24 4,141 1,886 1,936 121 3,943	83 83 52 197 4,307 25 4,528 1,930 2,050 128 4,108	86 85 48 480 4,050 30 4,560 1,935 2,100 130 4,165	85 84 48 396 4,070 30 4,496 1,955 2,085 129 4,169	85 84 49 326 4,090 30 4,446 1,970 2,040 130 4,140	85 84 49 306 4,130 30 4,466 1,990 2,055 130 4,175	85 84 50 291 4,195 30 4,516 2,015 2,070 131 4,216	85 84 50 300 4,240 30 4,570 2,040 2,090	85 84 51 309 4,280 30 4,619 2,060 2,110	85 84 51 317 4,325 30 4,672 2,085 2,125 132 4,342	85 84 52 330 4,365 30 4,725 2,105 2,150 132 4,387	8 8 8 8 5 3 3 3 4 4 4 4 4 4 4 4 7 7 2 1 2 2 1 5 4 4 4 1 3 6 4 4 1 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush Exports Seed & Residual Total Use	2013/14 77 76 44 141 3,358 72 3,571 1,734 1,647 98 3,479 92	2014/15 83 83 48 92 3,927 33 4,052 1,873 1,843 145 3,861	2015/16 83 82 48 191 3,926 24 4,141 1,886 1,936 121 3,943 197	83 83 52 197 4,307 25 4,528 1,930 2,050 128 4,108 480	86 85 48 480 4,050 30 4,560 1,935 2,100 130 4,165 396	85 84 48 396 4,070 30 4,496 1,955 2,085 129 4,169 326	85 84 49 326 4,090 30 4,446 1,970 2,040 130 4,140 306	85 84 49 306 4,130 30 4,466 1,990 2,055 130 4,175 291	85 84 50 291 4,195 30 4,516 2,015 2,070 131 4,216 300	85 84 50 300 4,240 30 4,570 2,040 2,090 131 4,261 309	85 84 51 309 4,280 30 4,619 2,060 2,110 132 4,302 317	85 84 51 317 4,325 30 4,672 2,085 2,125 132 4,342 330	85 84 52 330 4,365 30 4,725 2,105 2,150 132 4,387 338	8 8 8 8 8 5 5 33 4,400 3 4,77 2,13 2,15 13 4,41 36 8.29
Millions of bushels Planted Harvested Yield Per Harvested Acre (Bushels) Beginning Stocks Production Imports Total Supplies Crush Exports Seed & Residual Total Use Ending Stocks Stocks/Use	2013/14 77 76 44 141 3,358 72 3,571 1,734 1,647 98 3,479 92 2.7%	2014/15 83 83 48 92 3,927 33 4,052 1,873 1,843 145 3,861 191 4,9%	2015/16 83 82 48 191 3,926 24 4,141 1,886 1,936 121 3,943 197 5.0%	83 83 52 197 4,307 25 4,528 1,930 2,050 128 4,108 480 11.7%	86 85 48 480 4,050 30 4,560 1,935 2,100 130 4,165 396 9,5%	85 84 48 396 4,070 30 4,496 1,955 2,085 129 4,169 326 7.8%	85 84 49 326 4,090 30 4,446 1,970 2,040 130 4,140 306 7.4%	85 84 49 306 4,130 30 4,466 1,990 2,055 130 4,175 291 7.0%	85 84 50 291 4,195 30 4,516 2,015 2,070 131 4,216 300 7.1%	85 84 50 300 4,240 30 4,570 2,040 2,090 131 4,261 309 7,2%	85 84 51 309 4,280 30 4,619 2,060 2,110 132 4,302 317 7,4%	85 84 51 317 4,325 30 4,672 2,085 2,125 132 4,342 330 7.6%	85 84 52 330 4,365 30 4,725 2,105 2,150 132 4,387 338 7.7%	8 8 5 33 4,40

23

Commodity Trends – Long Run Supply and Demand Projections (Cont.)

U.S. Wheat Balance Sheet - USDA Lon Millions of bushels	2013/14	`	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/2027
Planted	56	57	55	50	49	49	50	50	50	50	50	50	50	50
Harvested	45	46	47	44	41	42	42	42	42	42	42	42	42	42
Yield Per Harvested Acre (Bushels)	47	44	44	53	47	48	48	48	49	49	50	50	50	51
Beginning Stocks	718	590	752	976	1,143	993	892	832	784	742	707	679	658	654
Production	2,134	2,026	2,062	2,310	1,936	1,976	2,012	2,029	2,045	2,062	2,079	2,096	2,113	2,129
Imports	169	144	113	125	120	125	125	125	130	135	140	145	150	155
Total Supplies	3,021	2,760	2,927	3,410	3,199	3,094	3,029	2,986	2,959	2,939	2,926	2,920	2,921	2,938
Food	955	960	957	960	965	970	975	980	985	990	995	1,000	1,005	1,010
Seed	77	81	67	61	66	67	67	67	67	67	67	67	67	67
Feed&residual	223	111	152	225	200	190	180	170	170	170	170	170	170	170
Exports	1,176	855	775	1,025	975	975	975	985	995	1,005	1,015	1,025	1,025	1,035
Total Use	2,431	2,007	1,952	2,271	2,206	2,202	2,197	2,202	2,217	2,232	2,247	2,262	2,267	2,282
Ending Stocks	590	753	976	1,246	993	892	832	784	742	707	679	658	654	656
Stocks/Use	24.3%	37.5%	50.0%	54.9%	45.0%	40.5%	37.9%	35.6%	33.5%	31.7%	30.2%	29.1%	28.9%	28.8%
Average Price (\$/bu)	\$6.87	\$5.99	\$4.89	\$3.85	\$4.00	\$4.30	\$4.50	\$4.70	\$4.70	\$4.80	\$4.90	\$5.00	\$5.00	\$5.00
Value of Production	\$14,661	\$12,136	\$10,083	\$8,894	\$7,744	\$8,497	\$9,054	\$9,536	\$9,612	\$9,898	\$10,187	\$10,480	\$10,565	\$10,645
% change y/y	-16%	-17%	-17%	-12%	-13%	10%	7%	5%	1%	3%	3%	3%	1%	1%
Total	Acreage and \	Value of U.S	. Corn, So	and Whea	t Product	ion - USD	A Februar	y 2017 Pi	rojection					
Total Corn, Soy, Wheat	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/2027
Planted (mm acres)	228	231	226	228	224	224	224	223	223	223	222	222	221	221
Harvested (mm acres)	209	212	210	213	208	208	207	206	206	206	205	205	205	204
Yield (bu/acre)	92	95	93	102	96	97	98	99	100	101	102	103	103	104
Production	19,321	20,169	19,589	21,765	20,046	20,181	20,402	20,444	20,600	20,822	20,854	21,076	21,197	21,318
Average Price (\$/bu)	\$6.21	\$5.18	\$4.81	\$4.65	\$4.59	\$4.66	\$4.68	\$4.79	\$4.83	\$4.89	\$4.95	\$4.99	\$5.00	\$5.04
Value of Production	\$119,992	\$104,398	\$94,320	\$101,313	\$92,010	\$94,107	\$95,405	\$97,848	\$99,514	\$101,724	\$103,243	\$105,275	\$105,975	\$107,414
% change y/y	-11%	-13%	-10%	7%	-9%	2%	1%	3%	2%	2%	1%	2%	1%	1%

Source: USDA, Cleveland Research estimates

U.S. Acreage Planted Per Crop Year

