

Ag Equipment Intelligence

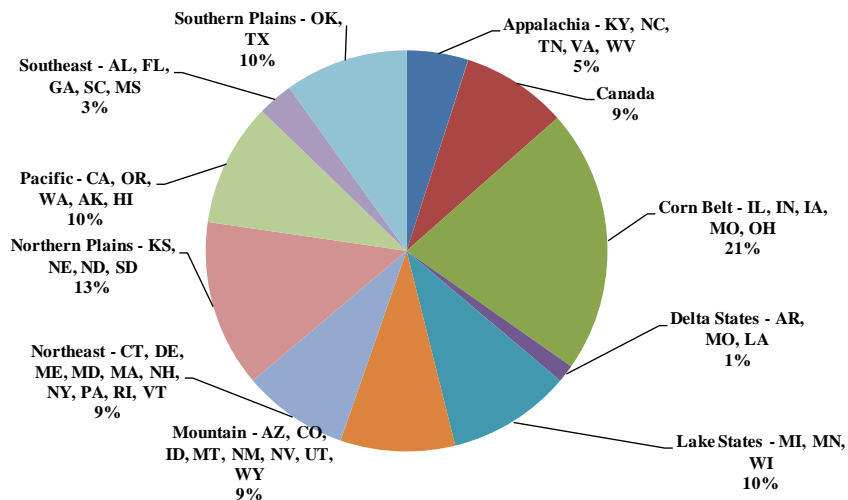
April 2013 Dealer Sentiments &
Business Conditions Update

Monthly Ag Equipment Intelligence North American Dealer Survey

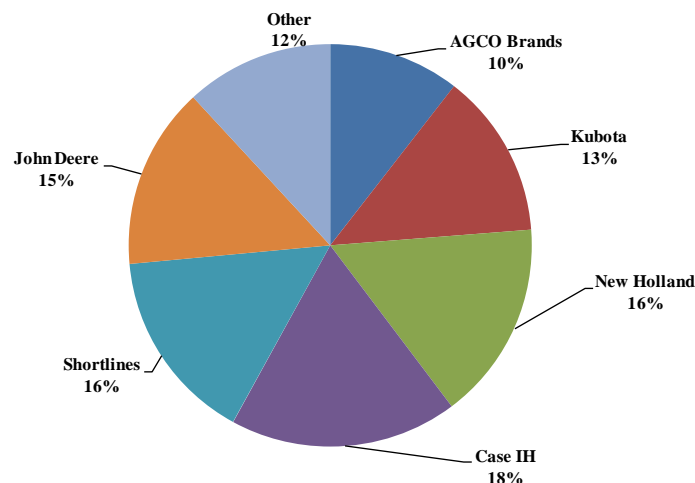
Background:

- We are pleased to announce the results of the April 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 April survey had ~142 respondents representing combined annual revenues of roughly \$5.1 billion. Participants representing a broad cross section of geographies and brands are summarized in the charts below.
- It is important to note Challenger, Fendt, Massey Ferguson, and Valtra are included under AGCO while the “other” category includes manufacturers with relatively few respondents.

Participants by Region



Participants by Brand



Highlights / Summary Thoughts

- **Industry Sales Growth of 2% in March**– Ag equipment dealers reported year-over-year sales grew 2% on average in March, down from 3% the prior month. Kubota saw the highest growth at 6%, while John Deere was the weakest and saw sales up 1%.
- **2013 Dealer Outlook at 3%** – AGCO dealers are the most optimistic, while Case IH dealers hold the weakest outlooks. The 2013 outlook is down slightly from 4% in February.
- **Dealer Optimism Lower**– Our Dealer Optimism Index, a measure of sentiment amongst dealers compared to the prior month, was lower in March, with 5% of dealers reporting they have a less optimistic outlook now versus a net 18% more optimistic last month (21% are more optimistic; 54% same; 26% are less optimistic).

Optimism/Sentiment vs. Last Month

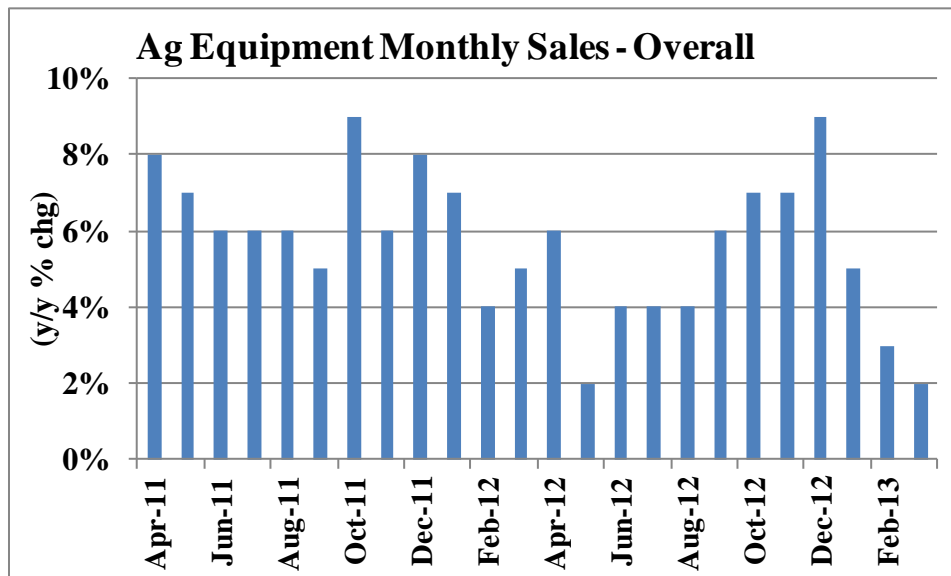
| | <u>Apr-11</u> | <u>May-11</u> | <u>Jun-11</u> | <u>Jul-11</u> | <u>Aug-11</u> | <u>Sep-11</u> | <u>Oct-11</u> | <u>Nov-11</u> | <u>Dec-11</u> | <u>Jan-12</u> | <u>Feb-12</u> | <u>Mar-12</u> | <u>Apr-12</u> | <u>May-12</u> | <u>Jun-12</u> | <u>Jul-12</u> | <u>Aug-12</u> | <u>Sep-12</u> | <u>Oct-12</u> | <u>Nov-12</u> | <u>Dec-12</u> | <u>Jan-13</u> | <u>Feb-13</u> | <u>Mar-13</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| More Optimistic | 33% | 25% | 31% | 32% | 30% | 25% | 36% | 33% | 30% | 38% | 29% | 25% | 22% | 15% | 14% | 18% | 28% | 31% | 27% | 28% | 28% | 34% | 34% | 21% |
| Same | 54% | 54% | 44% | 49% | 55% | 58% | 55% | 55% | 54% | 53% | 57% | 59% | 62% | 61% | 49% | 44% | 54% | 54% | 54% | 52% | 55% | 51% | 50% | 54% |
| Less Optimistic | 13% | 21% | 25% | 20% | 15% | 17% | 9% | 12% | 16% | 10% | 14% | 17% | 17% | 24% | 37% | 38% | 18% | 15% | 20% | 20% | 18% | 15% | 16% | 26% |
| Net % (More- I | 21% | 3% | 6% | 12% | 15% | 8% | 26% | 21% | 14% | 29% | 15% | 8% | 5% | -9% | -23% | -19% | 10% | 15% | 7% | 8% | 10% | 19% | 18% | -5% |

Monthly Sales Growth

- Ag equipment dealers reported year-over-year sales grew 2% on average in March, down from 3% the prior month.
- Kubota saw the highest growth at 6%, while John Deere was weakest and saw sales up just 1%.
- A net 9% of participants categorized March results as “better-than-expected” (27% better-than-expected; 55% in-line with expectations; 18% worse-than-expected), compared to 4% “worse-than-expected” the prior month.

| Average Dealer Sales Growth | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (% chg v/v) | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| Overall | 8% | 7% | 6% | 6% | 6% | 5% | 9% | 6% | 8% | 7% | 4% | 5% | 6% | 2% | 4% | 4% | 4% | 6% | 7% | 7% | 9% | 5% | 3% | 2% |
| By Brand | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| AGCO | 12% | 13% | 11% | 9% | 14% | 12% | 12% | 10% | 12% | 6% | 1% | 2% | 5% | 2% | 5% | 1% | 0% | 4% | 3% | 7% | 13% | -2% | 0% | 5% |
| John Deere | 8% | 8% | 7% | 5% | 5% | 4% | 10% | 5% | 5% | 6% | 4% | 6% | 9% | 4% | 9% | 9% | 7% | 10% | 10% | 7% | 9% | 6% | 4% | 1% |
| New Holland | 8% | 4% | 5% | 7% | 6% | 7% | 7% | 6% | 12% | 5% | -2% | 4% | 3% | 1% | 0% | 2% | -1% | 5% | 0% | 6% | 6% | 3% | 1% | 4% |
| Case IH | 5% | 4% | 3% | 8% | 7% | 7% | 8% | 8% | 11% | 10% | 4% | 6% | 3% | -2% | 1% | 1% | 2% | 3% | 7% | 8% | 5% | 7% | 4% | 3% |
| Kubota | 13% | 5% | 7% | 12% | 7% | 6% | 7% | 9% | 10% | 10% | 4% | 6% | 5% | 1% | 6% | -3% | 3% | -1% | 3% | -2% | 8% | 4% | 3% | 6% |
| Shortlines | n/a | -13% | 3% | 5% | 6% | 2% | 6% | 2% | 7% | 2% | 0% | 2% | 3% | 6% | 6% | 6% | 3% | 5% | 7% | 5% | 3% | 1% | -2% | 4% |
| Other | n/a | n/a | n/a | 2% | -3% | 7% | 6% | 3% | 11% | 2% | -8% | 2% | 3% | 1% | -1% | -3% | 5% | 0% | 1% | 3% | 4% | 6% | -3% | NA |

Monthly Sales Growth Continued



Percent Positive / Negative Growth

| | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Positive Sales G | 69% | 60% | 56% | 66% | 67% | 61% | 65% | 65% | 76% | 57% | 49% | 60% | 67% | 55% | 53% | 49% | 59% | 58% | 61% | 70% | 69% | 48% | 44% | 51% |
| Flat Sales | 18% | 14% | 23% | 15% | 16% | 23% | 20% | 22% | 11% | 29% | 30% | 22% | 19% | 16% | 26% | 16% | 15% | 21% | 17% | 12% | 14% | 28% | 35% | 30% |
| Negative Sales C | 14% | 25% | 21% | 18% | 18% | 16% | 15% | 13% | 13% | 14% | 20% | 18% | 14% | 29% | 21% | 34% | 27% | 21% | 22% | 18% | 17% | 24% | 21% | 19% |
| Net % (Positive | 55% | 35% | 35% | 48% | 49% | 45% | 50% | 52% | 63% | 42% | 29% | 42% | 52% | 25% | 31% | 15% | 32% | 37% | 39% | 52% | 52% | 25% | 23% | 32% |

Results vs. Expectations

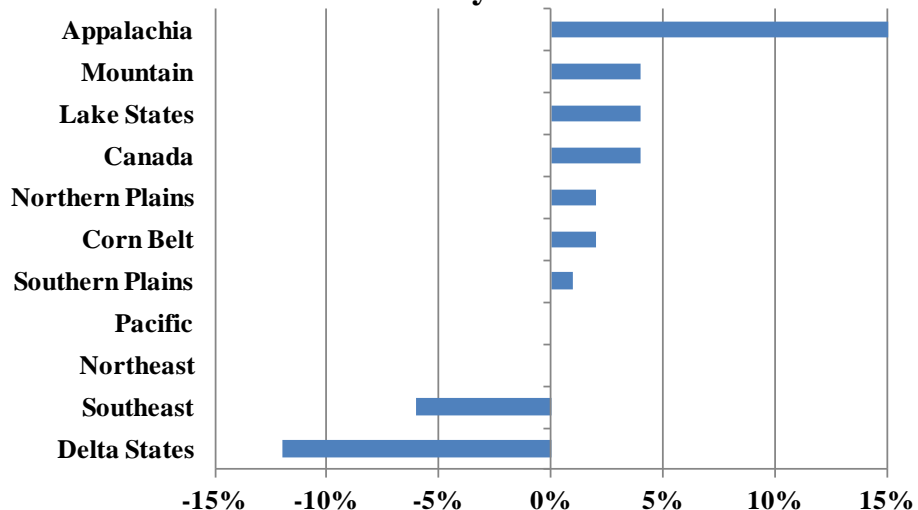
| | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Better than expe | 28% | 26% | 27% | 27% | 30% | 29% | 35% | 32% | 41% | 28% | 19% | 20% | 24% | 22% | 23% | 21% | 30% | 25% | 26% | 35% | 38% | 23% | 18% | 27% |
| In line with expe | 51% | 44% | 48% | 54% | 52% | 56% | 48% | 54% | 47% | 56% | 54% | 66% | 63% | 52% | 51% | 44% | 41% | 56% | 54% | 48% | 49% | 59% | 60% | 55% |
| Worse than expe | 21% | 30% | 25% | 19% | 18% | 15% | 17% | 13% | 12% | 16% | 26% | 14% | 14% | 25% | 26% | 35% | 29% | 19% | 20% | 17% | 13% | 18% | 22% | 18% |
| Net % (Better - | 7% | -4% | 1% | 8% | 13% | 14% | 18% | 19% | 29% | 12% | -7% | 7% | 10% | -3% | -3% | -14% | 1% | 6% | 5% | 18% | 25% | 5% | -4% | 9% |

Source: Farm Equipment Magazine Survey

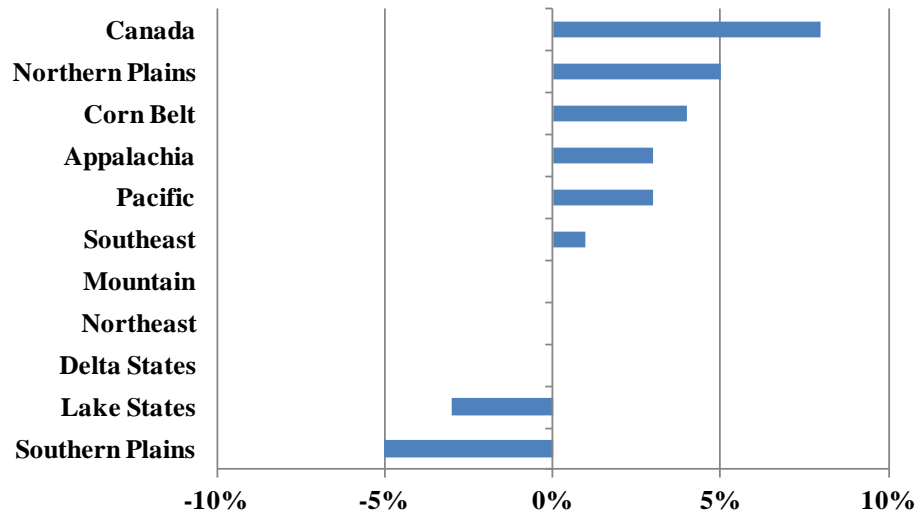
Monthly Sales Growth by Region

- Six out of eleven regions showed positive average monthly sales growth in March, down from seven out of eleven in February. Canada saw the best performance, while the Lake States and Southern Plains were the only regions to decline.
- On a sequential basis, the Delta States saw the most significant acceleration, while Appalachia saw the most significant decline.

**Average Monthly Sales Growth by Region
February 2013**



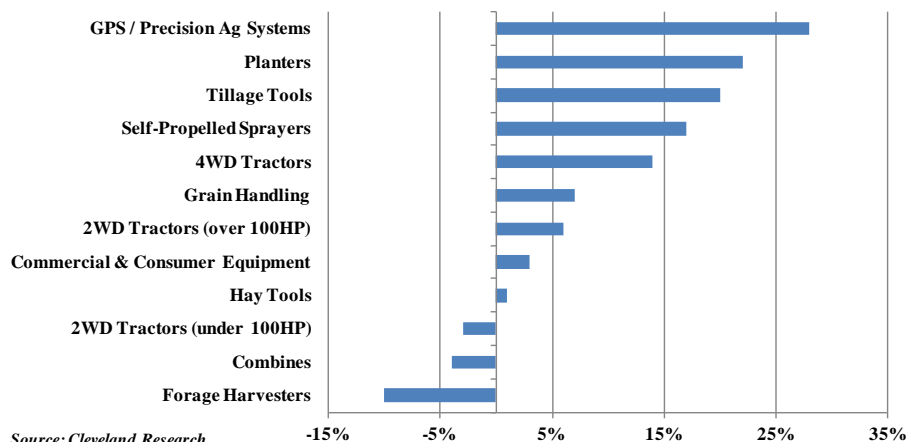
**Average Monthly Sales Growth by Region
March 2013**



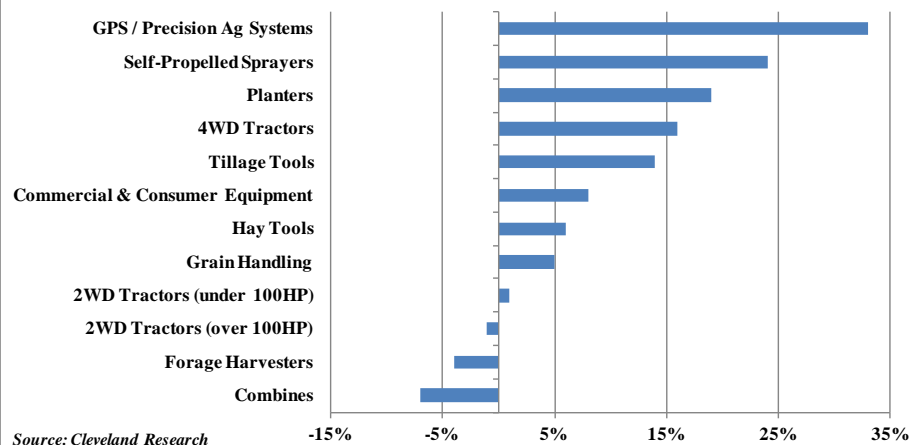
Equipment Category Sales Trends

- Eight out of twelve product categories ranked in positive territory in March, down from nine last month. GPS/precision ag systems was the best performing category, while combines was the weakest.
- On a sequential basis, self-propelled sprayers saw the most significant improvement, while 2WD tractors over 100 HP saw the sharpest sequential decline.

Product Category Ranking (Net % Strong - Weak)
February 2013

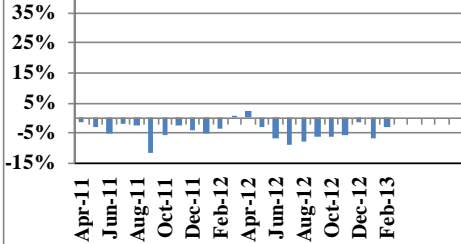


Product Category Ranking (Net % Strong - Weak)
March 2013

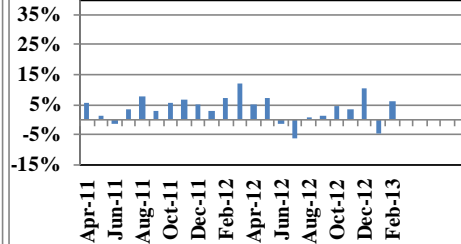


Equipment Category Sales Trends

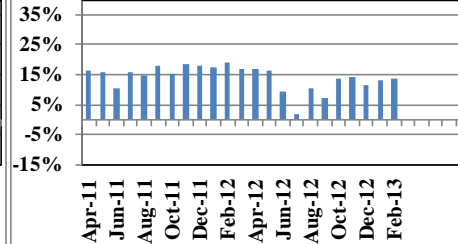
2WD Tractors (under 100HP)



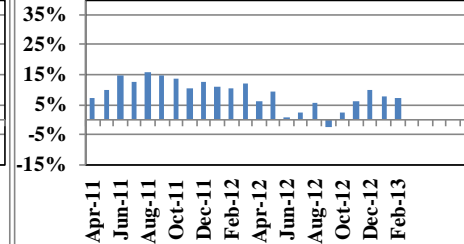
2WD Tractors (over 100HP)



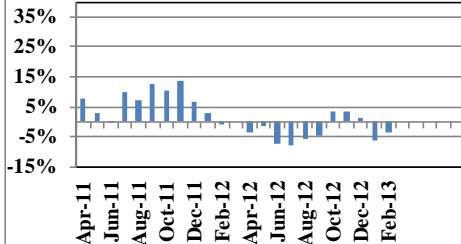
4WD Tractors



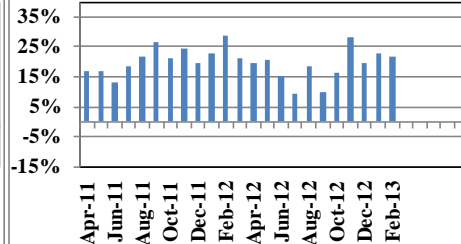
Grain Handling



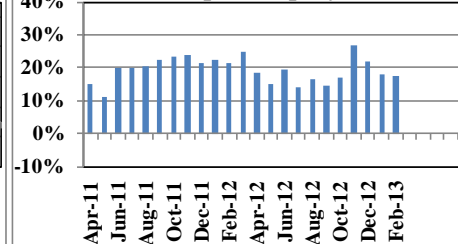
Combines



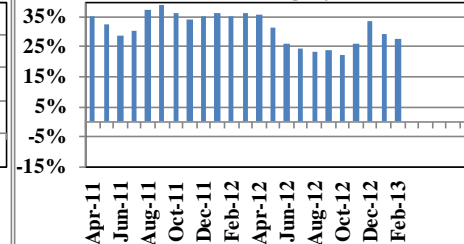
Planters



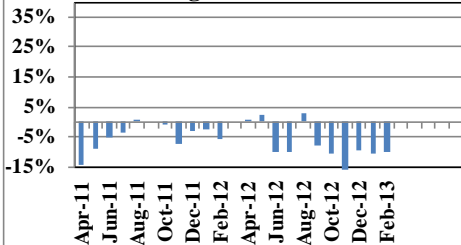
Self-Propelled Sprayers



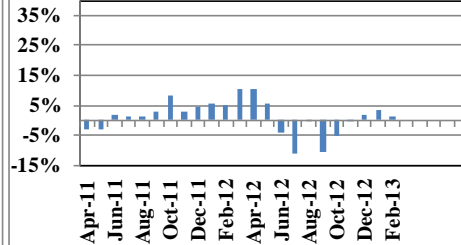
GPS / Precision Ag Systems



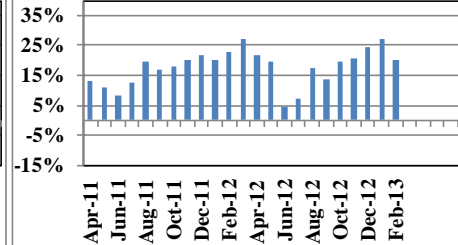
Forage Harvesters



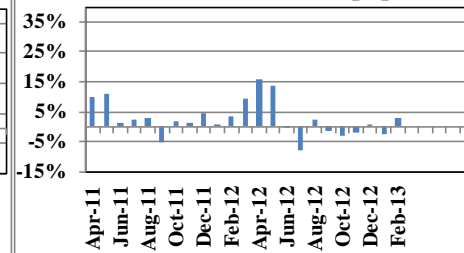
Hay Tools



Tillage Tools



Commercial & Consumer Equipment



Dealer Commentary on Monthly Sales

- *The dairy in California is struggling with higher than normal input costs and depressed milk pricing.*
- *Pre-sells came in and that helped our sales this month.*
- *Dry conditions are still hurting us.*
- *Jan, Feb and March all saw double the sales from last year. Not exactly sure why, but we do have very good product availability this year and aggressive consumer financing.*
- *Drought is causing guys to not buy until some moisture comes*
- *Small and utility tractor sales are back*
- *Very late spring season is causing us to see some differences in sales due to the timing vs. last year.*
- *We saw equipment hit our lots later than we did last year which caused sales to get pushed back a month.*
- *The accelerated delivery schedule*
- *Crop insurance checks last year really hurt customers that didn't plan. They turned out to be life savers for the guys who had it.*
- *Nothing has changed. New equipment remains tight and you need to keep orders in the pipeline to have product to retail.*
- *We're seeing solid activity. It's up 10%*
- *There won't be any extra equipment. Production schedules have been laid out and good luck with your forecast.*
- *By product group, the percent allowed to have on order based on history can change anytime. Some product groups can get better and others go the other way. What is constant is that to get more equipment for stock a dealer must order WITHOUT terms. This plays right into the desires of the manufacturer.....have the Dealer pay the carrying costs instead of Manufacturer interest free carrying period. As a Dealer we have to "play to win."*
- *We are experiencing drastic allocation cutbacks. Availability on May products are out to June. Tractors are out to end of year delivery. Our unsold MacDon Drapers orders that were not sold by 3/20 were canceled. We are not receiving more than 2/3rds of our planned orders from MacDon. Production is being pushed farther out by most suppliers.*
- *We saw significant changes in the allocation of combines, commercial sprayers and high horse-powered tractors. Changed around 5%- 10%*
- *It appears like Case IH Magnum, Steiger, & Combine stock orders are gone for April. Maybe, they will announce 2014 stock ordering programs soon.*

Order Growth

Overall Orders

- Incoming orders grew 1% on average in March, down from 3% in February.
- John Deere saw the highest orders growth at 3%, while several dealers saw orders flat.

New Combine Order Intentions

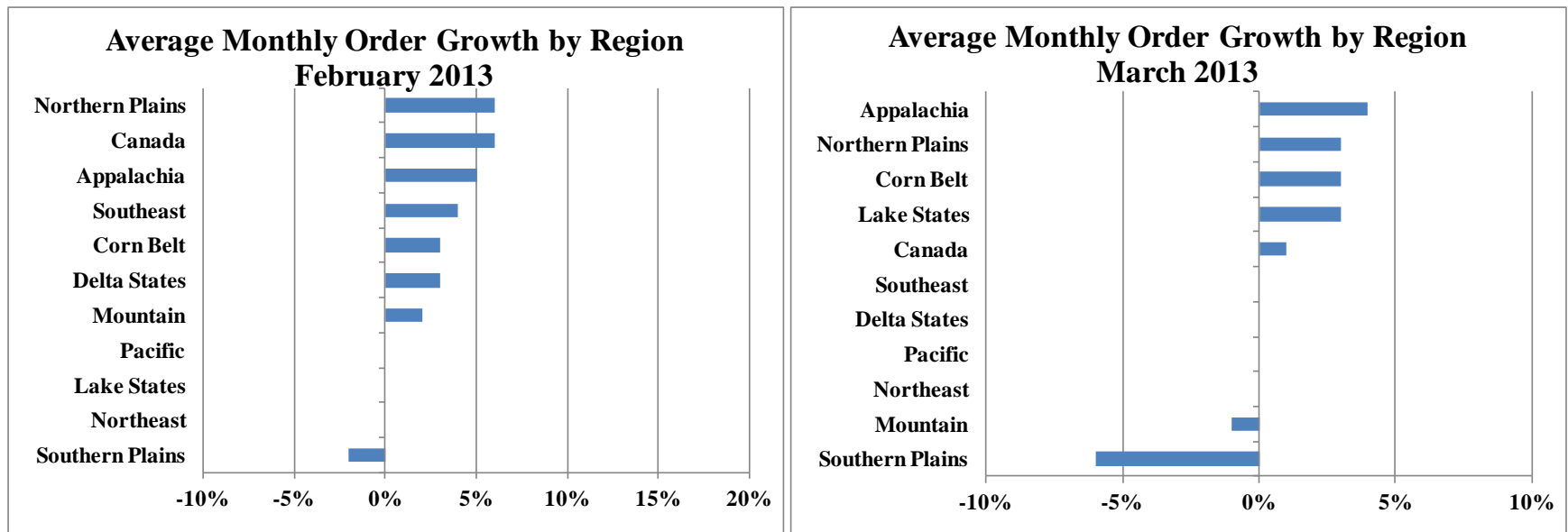
- A net 7% of dealers believe they will order fewer combines compared to last year vs. 9% last month.

| New Combine Order Intentions vs. Last Year | | | | | | | | | | | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| More | 22% | 20% | 21% | 20% | 11% | 14% | 15% | 14% | 9% | 10% | 7% | 6% | 11% | 6% | 15% | 21% | 20% | 20% | 18% | 16% |
| Same | 47% | 48% | 48% | 53% | 60% | 61% | 63% | 63% | 64% | 54% | 69% | 55% | 58% | 68% | 52% | 52% | 54% | 59% | 55% | 60% |
| Less | 31% | 32% | 31% | 27% | 29% | 25% | 22% | 24% | 27% | 37% | 24% | 39% | 31% | 26% | 32% | 28% | 26% | 21% | 27% | 23% |
| Net % (More- Less) | -10% | -12% | -10% | -7% | -18% | -10% | -8% | -10% | -17% | -27% | -18% | -33% | -19% | -20% | -17% | -7% | -7% | -2% | -9% | -7% |

| Average Orders Growth | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (% chg v/y) | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| Overall | 3% | 3% | 3% | 5% | 4% | 4% | 4% | 4% | 4% | 5% | 4% | 2% | 4% | 2% | 1% | 1% | 3% | 2% | 4% | 2% | 4% | 3% | 3% | 1% |
| By Brand | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| AGCO | 4% | 8% | 5% | 10% | 10% | 5% | 6% | 8% | 6% | 8% | 3% | 3% | 6% | 6% | 3% | 0% | -1% | -1% | 2% | 1% | 7% | 2% | 0% | 0% |
| John Deere | 4% | 2% | 2% | 5% | 3% | 4% | 3% | 3% | 4% | 5% | 4% | 1% | 8% | 5% | 6% | 4% | 6% | 4% | 5% | 3% | 5% | 5% | 4% | 3% |
| New Holland | 4% | 2% | 3% | 5% | 5% | 5% | 4% | 3% | 6% | 3% | 2% | 2% | 3% | 2% | -3% | -2% | 0% | 0% | -1% | 0% | -1% | 0% | -1% | 0% |
| Case IH | 1% | 3% | 2% | 4% | 3% | 3% | 5% | 4% | 3% | 4% | 2% | 0% | 0% | -5% | -3% | -3% | 1% | -2% | 4% | 2% | 2% | 3% | 4% | 0% |
| Kubota | 9% | 1% | 6% | 6% | 6% | 4% | 4% | 6% | 7% | 10% | 2% | 4% | 2% | 2% | 2% | 0% | 1% | -1% | 2% | 0% | 5% | 2% | 0% | 1% |
| Shortlines | n/a | -3% | 2% | 2% | 4% | 3% | 1% | 2% | 4% | 1% | 3% | 5% | 2% | 5% | 2% | 1% | 7% | 0% | 2% | 3% | 3% | 5% | 1% | 0% |
| Other | n/a | n/a | n/a | 1% | -2% | 2% | 4% | 3% | 11% | 3% | 3% | 5% | 3% | 1% | -4% | 1% | 6% | 1% | 0% | 3% | 0% | 4% | 0% | NA |

Order Growth by Region

- Five out of eleven regions showed positive monthly orders growth in March, down from seven the prior month. Appalachia remains the top-performing region, while the Southern Plains saw the sharpest decline.
- On a sequential basis, Lake States showed the most significant improvement, while Canada demonstrated the most significant slowdown in orders.



2013 Sales Outlook

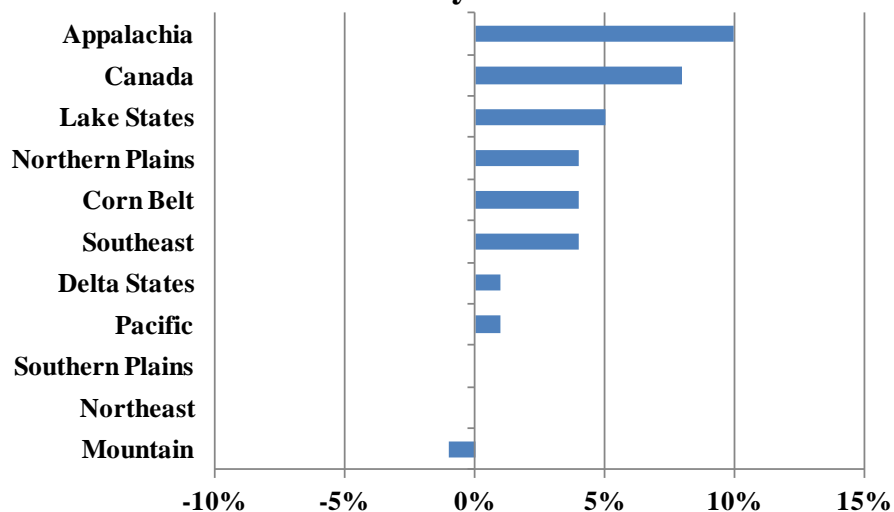
- For 2013, dealers are forecasting 3% sales growth. This is down slightly from the 4% forecast last month.
- AGCO dealers are the most optimistic this month, while Case IH dealers expect the weakest outlook for 2013. DE dealers are projecting sales inline with the overall industry.

| Dealer Outlook | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (% chg v/v) | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| | 2012 Outlook | | | | | | | | | | | | | 2013 | | | | | | |
| Overall | 5% | 2% | 4% | 4% | 3% | 5% | 5% | 4% | 6% | 3% | 4% | 3% | 4% | 3% | 2% | 4% | 2% | 4% | 4% | 3% |
| By Brand | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 |
| AGCO | 9% | 8% | 9% | 8% | 4% | 6% | 7% | 3% | 8% | 7% | 6% | 2% | 3% | 4% | 4% | 3% | 3% | 2% | 2% | 6% |
| John Deere | 4% | 1% | 2% | 3% | 2% | 6% | 6% | 4% | 9% | 5% | 9% | 7% | 8% | 4% | 2% | 6% | 3% | 4% | 4% | 3% |
| New Holland | 5% | 5% | 5% | 5% | 4% | 2% | 3% | 4% | 3% | 1% | 1% | 0% | 2% | 1% | 0% | 0% | -1% | 1% | 0% | 2% |
| Case IH | 4% | 3% | 5% | 4% | 3% | 3% | 2% | 3% | 3% | -1% | -1% | -1% | 0% | 2% | 2% | 2% | -1% | 3% | 4% | 1% |
| Kubota | 5% | 7% | 4% | 4% | 6% | 4% | 4% | 3% | 3% | 4% | 6% | -1% | 4% | 3% | 2% | 0% | 0% | 4% | 4% | 3% |
| Shortlines | 3% | 2% | 1% | 2% | 2% | 2% | 3% | 6% | 4% | 7% | 5% | 2% | 3% | 5% | 0% | 2% | 0% | 4% | 4% | 2% |
| Other | 3% | 4% | 6% | 4% | 7% | 5% | 3% | 4% | 3% | 5% | -2% | 2% | 4% | 3% | 3% | -2% | 2% | 1% | 5% | NA |

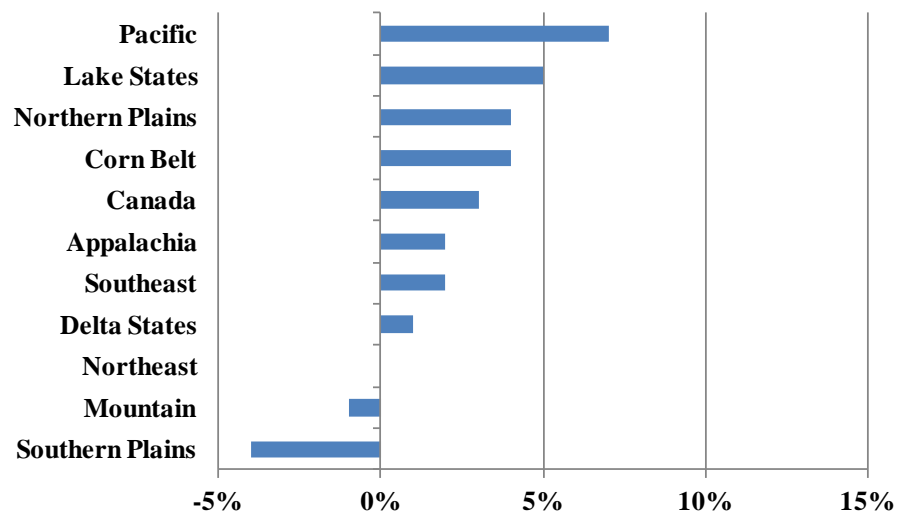
2013 Sales Outlook Continued

- Eight out of eleven regions are projecting a positive full year 2013 sales outlook in March, the same as in last month. The Pacific is the most optimistic, while the Southern Plains states are expecting sales to decline in 2013.
- In February, Appalachia was the most optimistic, while the Mountain region was expecting sales to decline in 2013.

**Average Monthly Sales Outlook by Region
February 2013**



**Average Monthly Sales Outlook by Region
March 2013**

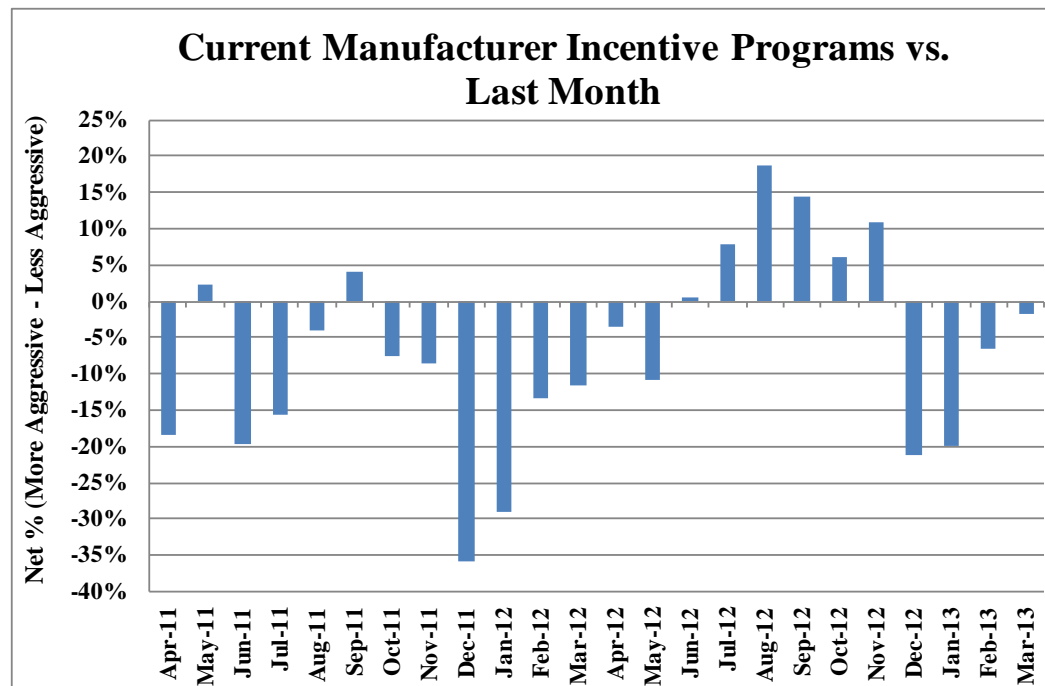


Dealer Commentary on 2013 Outlook

- *Downward commodity price trend and too much used equip in market have me less optimistic.*
- *It's still dry for us and with no irrigation water*
- *Better season, rainfall, etc to start the spring has me thinking more positively.*
- *I'm less optimistic. Price of corn and wheat heading down is the main driver for me.*
- *Commodity prices have dipped so I'm getting somewhat concerned*
- *We are still in a hold pattern until we get in the field and find out what is out there. That will be critical for the outlook.*
- *Based on this spring so far, especially with good weather and an early start on the season I feel pretty good about the year.*
- *Presold equipment is strong so we know the back half of the year is already accounted for.*
- *We cannot get equipment to sell so its hard to be optimistic!*
- *Drought conditions causing failed acres. Planting deadlines are only a few day away and that worries me.*
- *Sugar Beet prices are projected to be way down, nearing or at the break even point for the 2013 crop along with other markets falling.*
- *If we get needed moisture we should have a decent year.*
- *It continues to stay dry and prospects for grass are poor. We are going to see cattle liquidation soon and that will hurt sales*
- *We have had a lot more customers in pricing whole goods and discussing financing options. We haven't seen too many checks signed yet but we have everything in the recipe to leave us expecting a decent outcome*
- *We are getting concerned that sales will be negatively affected by dropping grain prices. We knew it was coming someday.*
- *Mahindra has had 3 record months in a row, and that sort of momentum seems to help all sales.*
- *Taxes and fees of all kinds are having negative outlook on customers along with extra cold weather*
- *Commodity prices a concern*
- *Availability issues. Great Plains is only shipping retail orders.*
- *We may be somewhat limited to the amount of product we can sell. Last year was a record year for new equipment sales and do not expect that to grow this year. We are budgeting for the same amount or slightly less sales than last year.*
- *Sales Events have been extended longer during this spring for early birds and for a few late ones*

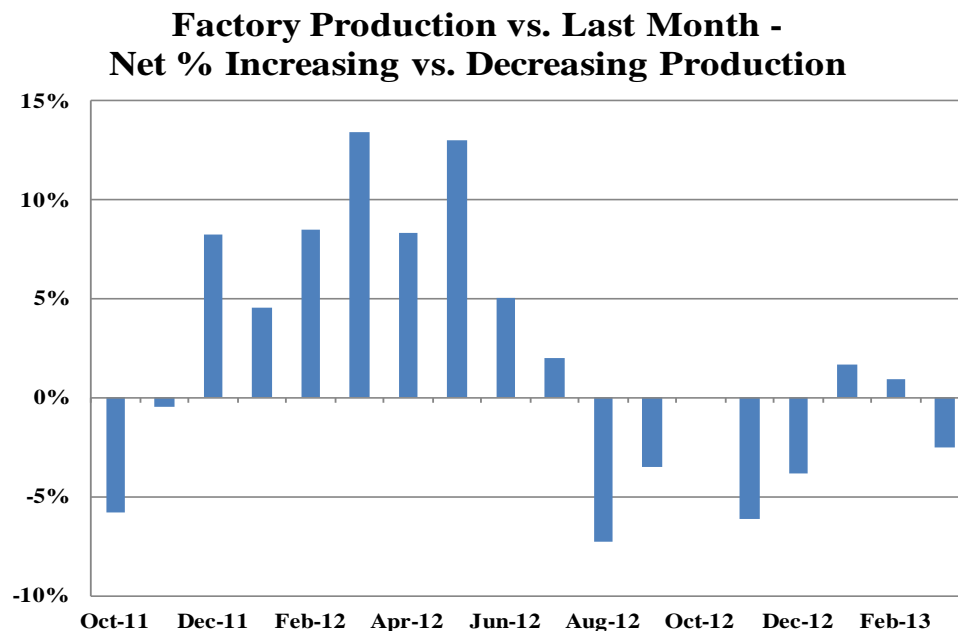
Current Manufacturer Incentive Programs

- A net 2% of dealers report that manufacturers are less aggressive with incentives in March (17% more aggressive; 65% same; 18% less aggressive) compared to a net 7% who reported manufacturers were less aggressive in February.



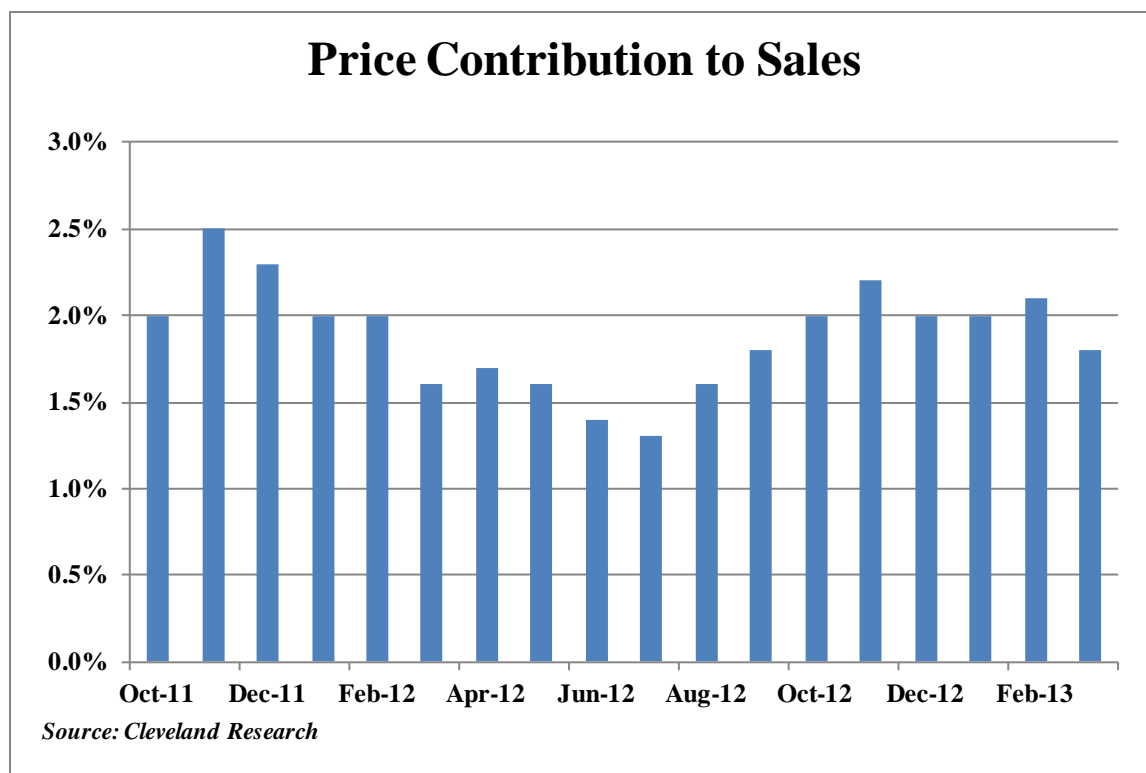
Factory Production

- Dealers report that factory production declined slightly, as a net 3% of dealers are reporting decreasing production levels (7% increasing production; 84% no change in production; 9% decreasing production) compared to a net 1% increasing production last month.



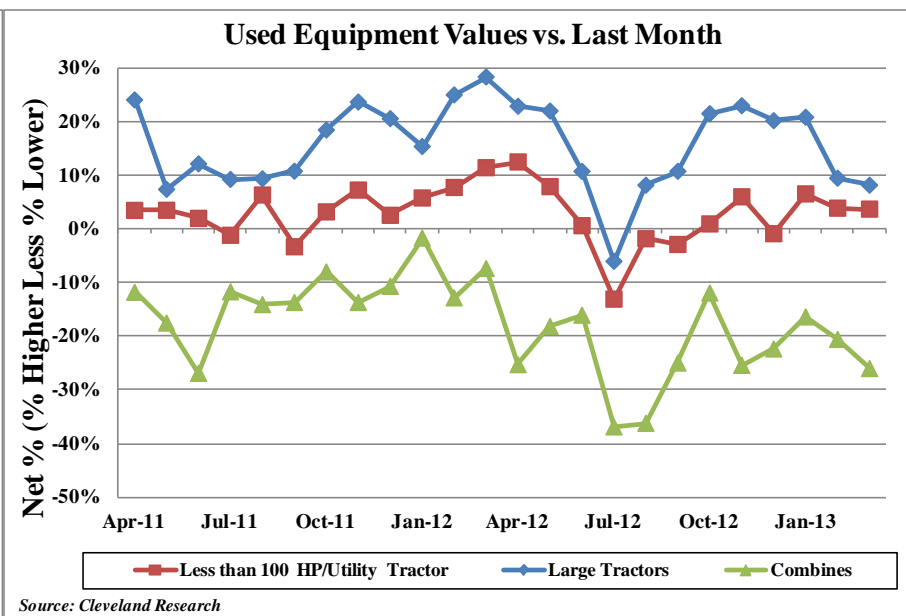
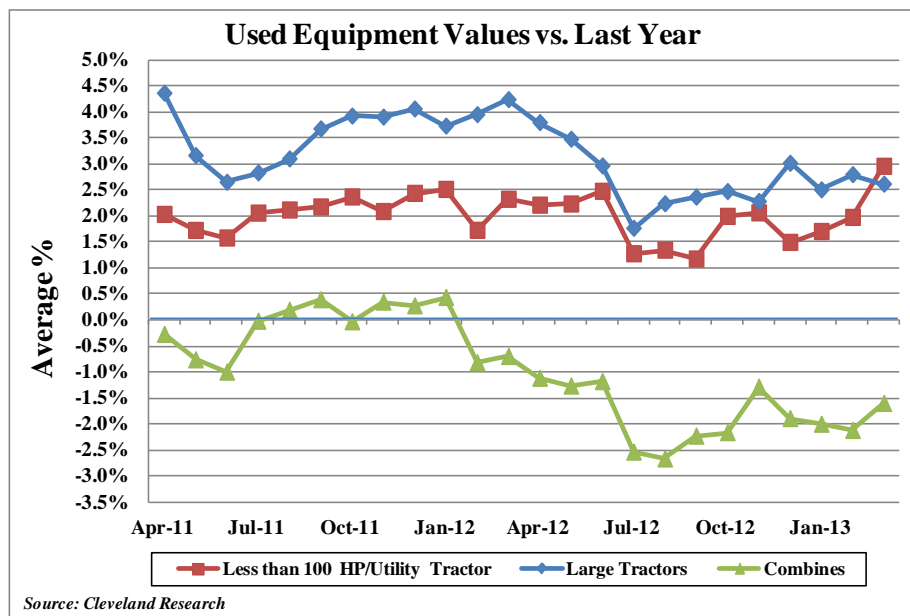
Pricing Trends

- Dealers report price contributed roughly ~1.8% to total March revenue, up slightly from the prior month.



Used Equipment Pricing

- By category, tractors over 100HP are now up 2.6% year-over-year on average, down from 2.8% last month. Prices for used tractors under 100HP are up 3.0%, up from 2.0% in the prior month. Used combine values are down -1.6%, up from down -2.1% last month.
- Relative to last month, a net 4% of dealers report higher values for under 100HP/utility tractors. For over 100HP tractors, a net 8% of dealers report higher values vs. last month. Finally, a net 26% of dealers report used combine values are lower than last month.



Inventory Levels

New Equipment Inventory

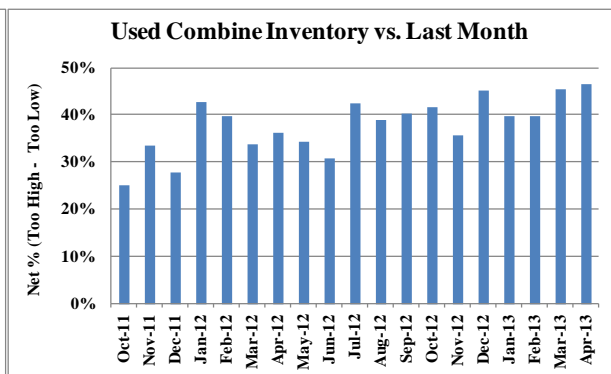
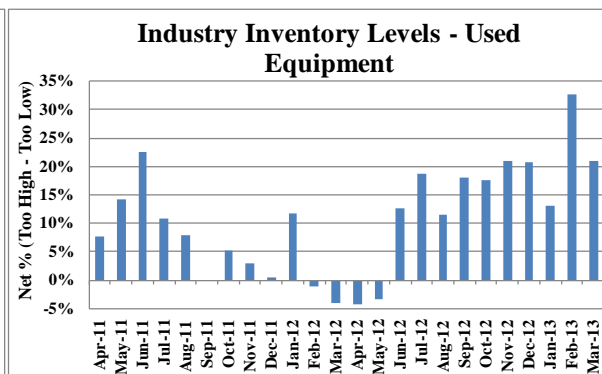
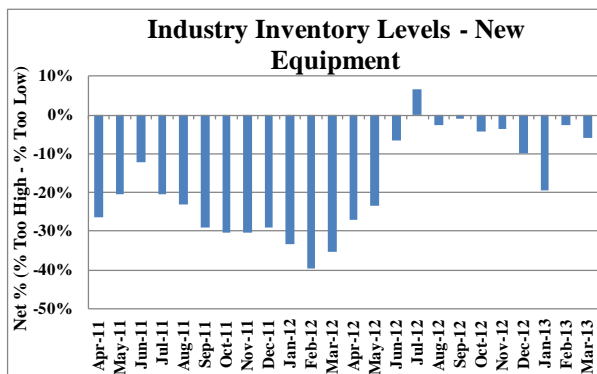
- A net 6% of dealers categorize their new inventory as “too low” (17% too high; 60% about right; 23% too low), vs. 3% last month.

Used Equipment Inventory

- Used equipment inventory remains high as a net 21% of dealers categorize their used inventory levels as “too high” (39% too high; 44% about right; 18% too low), down from 33% last month.

Used Combine Inventory

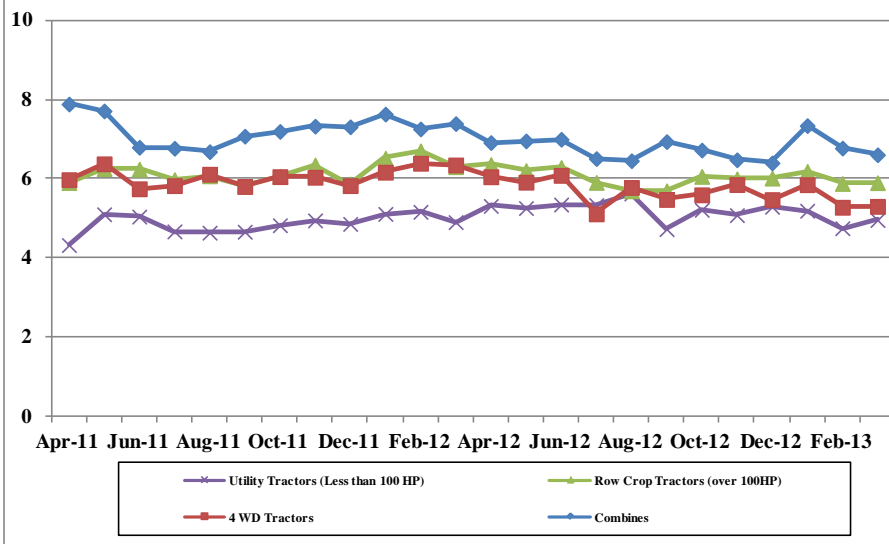
- Within the used equipment categories, a net 47% of dealers also reported used combine inventory levels are still “too high” (49% too high; 48% about right; 3% too low).



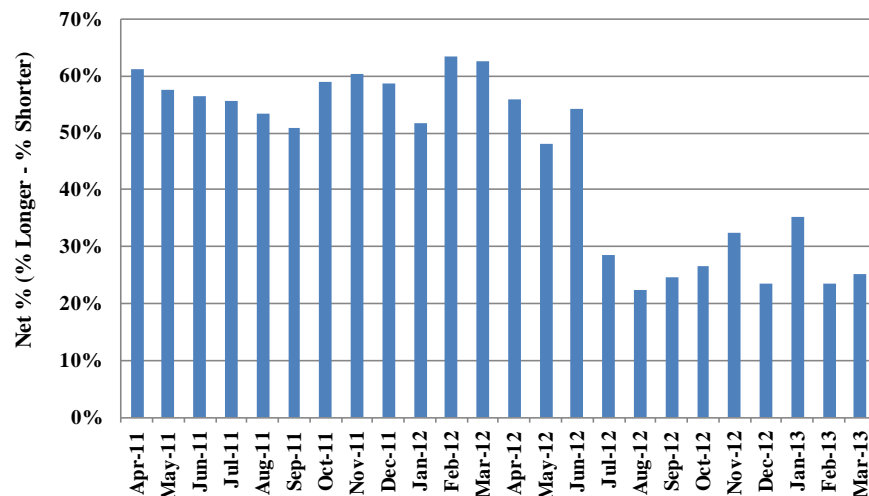
Equipment Availability

- Overall, a net 25% of dealers report longer factory lead-times compared to last month (33% longer; 60% same; 8% shorter), up from a net 23% last month.
- Trends in lead times were mixed this month. On average combine lead times are 6.6 months; 4WD are 5.3 months; row crop tractor lead times are 5.9 months; and smaller tractors (<100 HP) lead times are 5.0 months.

Lead Times By Product Category (Months)



Lead Times - Versus Prior Month



Dealer Commentary on Used Inventory Levels

- *Class 7 machines are soft class 5 and 6 combines are up for us.*
- *Combines are the main issue still.*
- *Older combine units have no market so that is causing them to pile up.*
- *4WD tractors are a bit high but it's not a huge concern yet.*
- *We're low on good used 200Hp tractors, high on used combines.*
- *Large buyers are buying new but small users are not buying or just getting small units to fit the needs*
- *To many used planters are not selling*
- *We have too many 35' grain tables due to the new draper style heads customers are wanting. Trading in the old style for the draper has decreased the value and flooded the market for this head in our area*
- *Combines and high HP 4WD's are a problem as they have been in the past, but a new one is high HP row crop tractors which in the past haven't been a problem.*
- *Turnovers are still too low, although we are more positive about the prospect of a better buying climate for used.*
- *We have acquired too many aged tractors that just aren't moving*
- *Just not turning combines & tractors quick enough.*

Dealer Commentary on Biggest Surprise in the Month

- *Selling out of everything surprised me*
- *The continued positive attitude of customers surprised me.*
- *Cotton equipment was really strong.*
- *A lot less customer enthusiasm in our neck of the woods.*
- *Lawn mowing equipment was slower than expected.*
- *Still no moisture in any of our AOR*
- *Crop predictions were a surprise to me. And the market obviously.*
- *Big drop in grain prices was the biggest deal in the month.*
- *The continued resilience in demand even with a drought surprised me.*
- *Apparently throwing caution that remained from election to the wind!*
- *The late interest in used planters was a positive surprise.*
- *We're praying for rain but no rain yet. Thought would see some spring rains to get things going again.*
- *The weather has slowed spring time farm work. Cold temps have kept farmers close to the heat.*
- *Continued strong demand for all ranges of equipment was a pleasant surprise.*
- *Bad weather just never ends in our area.*
- *The lack of customer tire kicking was not what I expected.*
- *It was very slow for this time of year. The one tractor I did sell was discounted because I was paying on it to \$3K below invoice*
- *Letter sent to customers from ACS saying the projected beet payment per ton is projected to be at or near breakeven point.*
- *The slower market on 4WD tractors surprised me.*
- *Hay product sales were really strong.*

NA Farm Equipment Industry Retail Sales and Inventory

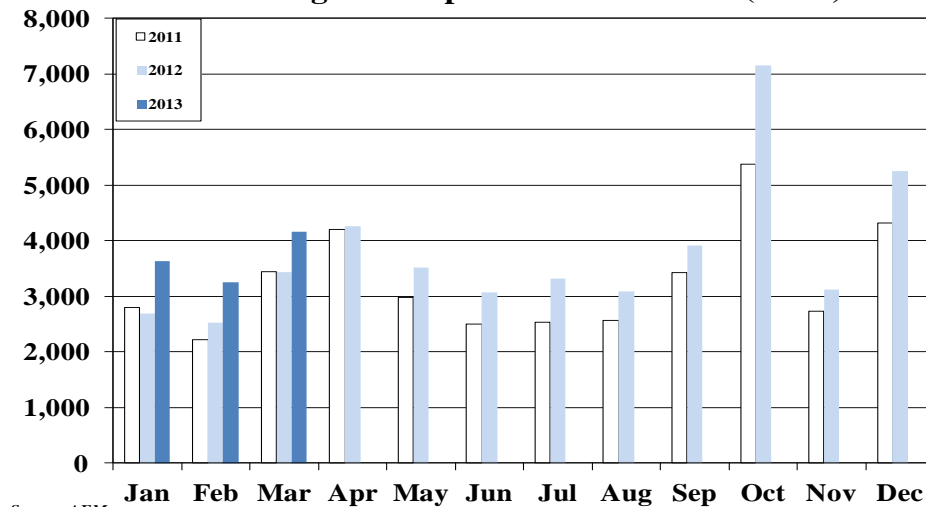
| NORTH AMERICAN FARM EQUIPMENT RETAIL SALES | | | | | | | | | | | | | | |
|--|---------|---------|----------|---------|---------------|---------------|----------|-------------------------|-------|-------|-------|-------|---------|-------|
| Units | | | | | | | | % change year-over-year | | | | | | |
| | < 40 HP | Utility | Row Crop | 4-Wheel | Total Tractor | Memo: High hp | Combines | <40HP | Util | RC | 4-WD | Total | High hp | Comb |
| Jan-11 | 3,705 | 3,493 | 2,296 | 507 | 10,001 | 2,803 | 935 | 0% | 10% | (12%) | 55% | 2% | (4%) | 48% |
| Feb-11 | 4,448 | 3,074 | 1,764 | 462 | 9,748 | 2,226 | 777 | 14% | 15% | (9%) | 1% | 9% | (7%) | 33% |
| Mar-11 | 8,894 | 4,973 | 2,816 | 624 | 17,307 | 3,440 | 973 | 11% | 17% | (4%) | (12%) | 9% | (5%) | 30% |
| Apr-11 | 11,412 | 5,413 | 3,325 | 885 | 21,035 | 4,210 | 941 | (9%) | (6%) | 1% | 4% | (6%) | 2% | 14% |
| May-11 | 12,601 | 5,133 | 2,403 | 588 | 20,725 | 2,991 | 815 | (3%) | (11%) | (2%) | 28% | (4%) | 3% | (10%) |
| Jun-11 | 12,102 | 5,966 | 2,076 | 428 | 20,572 | 2,504 | 722 | 13% | 4% | (5%) | (25%) | 7% | (9%) | (37%) |
| Jul-11 | 7,687 | 4,717 | 2,074 | 457 | 14,935 | 2,531 | 1,185 | (11%) | (8%) | 9% | 5% | (7%) | 9% | (25%) |
| Aug-11 | 7,336 | 4,186 | 2,131 | 434 | 14,087 | 2,565 | 1,516 | 3% | 2% | 13% | 5% | 4% | 12% | (5%) |
| Sep-11 | 7,903 | 4,562 | 2,727 | 699 | 15,891 | 3,426 | 1,443 | 4% | 5% | 3% | 7% | 5% | 4% | (17%) |
| Oct-11 | 7,914 | 5,932 | 4,249 | 1,130 | 19,225 | 5,379 | 1,673 | 12% | 12% | 4% | 1% | 9% | 3% | 14% |
| Nov-11 | 4,925 | 3,400 | 2,259 | 481 | 11,065 | 2,740 | 742 | (1%) | 1% | 14% | 22% | 3% | 15% | 5% |
| Dec-11 | 7,256 | 6,080 | 3,667 | 658 | 17,661 | 4,325 | 1,099 | 9% | 8% | 6% | (13%) | 7% | 3% | (28%) |
| Jan-12 | 3,899 | 3,698 | 2,335 | 359 | 10,291 | 2,694 | 528 | 5% | 6% | 2% | (29%) | 3% | (4%) | (44%) |
| Feb-12 | 4,360 | 3,547 | 2,046 | 488 | 10,441 | 2,534 | 367 | (2%) | 15% | 16% | 6% | 7% | 14% | (53%) |
| Mar-12 | 8,589 | 4,559 | 2,703 | 743 | 16,594 | 3,446 | 718 | (3%) | (8%) | (4%) | 19% | (4%) | 0% | (26%) |
| Apr-12 | 13,393 | 6,050 | 3,382 | 887 | 23,712 | 4,269 | 706 | 17% | 12% | 2% | 0% | 13% | 1% | (25%) |
| May-12 | 13,562 | 5,984 | 2,911 | 611 | 23,068 | 3,522 | 691 | 8% | 17% | 21% | 4% | 11% | 18% | (15%) |
| Jun-12 | 12,503 | 6,118 | 2,571 | 502 | 21,694 | 3,073 | 954 | 3% | 3% | 24% | 17% | 5% | 23% | 32% |
| Jul-12 | 8,635 | 4,854 | 2,763 | 552 | 16,804 | 3,315 | 1,346 | 12% | 3% | 33% | 21% | 13% | 31% | 14% |
| Aug-12 | 8,153 | 4,516 | 2,497 | 588 | 15,754 | 3,085 | 1,497 | 11% | 8% | 17% | 35% | 12% | 20% | (1%) |
| Sep-12 | 7,975 | 4,541 | 3,141 | 778 | 16,435 | 3,919 | 1,764 | 1% | (0%) | 15% | 11% | 3% | 14% | 22% |
| Oct-12 | 9,885 | 6,908 | 5,660 | 1,499 | 23,952 | 7,159 | 2,321 | 25% | 16% | 33% | 33% | 25% | 33% | 39% |
| Nov-12 | 5,158 | 4,005 | 2,492 | 632 | 12,287 | 3,124 | 722 | 5% | 18% | 10% | 31% | 11% | 14% | (3%) |
| Dec-12 | 8,239 | 6,333 | 4,350 | 902 | 19,824 | 5,252 | 1,137 | 14% | 4% | 19% | 37% | 12% | 21% | 3% |
| Jan-13 | 4,723 | 4,114 | 2,956 | 677 | 12,470 | 3,633 | 616 | 21% | 11% | 27% | 89% | 21% | 35% | 17% |
| Feb-13 | 5,102 | 3,734 | 2,588 | 669 | 12,093 | 3,257 | 622 | 17% | 5% | 26% | 37% | 16% | 29% | 69% |
| Mar-13 | 8,311 | 4,941 | 3,464 | 706 | 17,422 | 4,170 | 1,199 | -3% | 8% | 28% | -5% | 5% | 21% | 67% |

| NORTH AMERICAN FARM EQUIPMENT INVENTORY | | | | | | | | | | | | | | |
|---|---------|---------|----------|---------|---------------|---------------|----------|---------------------------|------|-----|------|-------|---------|------|
| Inventory (Units) | | | | | | | | Inventory to 12-mo. Sales | | | | | | |
| | < 40 HP | Utility | Row Crop | 4-Wheel | Total Tractor | Memo: High hp | Combines | <40HP | Util | RC | 4-WD | Total | High HP | Comb |
| Dec-10 | 58,708 | 24,800 | 7,832 | 1,203 | 92,543 | 9,035 | 1,810 | 62% | 45% | 25% | 17% | 49% | 23% | 13% |
| Jan-11 | 60,357 | 25,451 | 7,219 | 1,125 | 94,152 | 8,344 | 1,735 | 64% | 46% | 23% | 15% | 50% | 22% | 13% |
| Feb-11 | 63,810 | 26,495 | 7,200 | 1,221 | 98,726 | 8,421 | 2,083 | 67% | 47% | 23% | 17% | 52% | 22% | 15% |
| Mar-11 | 65,267 | 27,435 | 7,716 | 1,213 | 101,631 | 8,929 | 2,128 | 68% | 48% | 25% | 17% | 53% | 24% | 15% |
| Apr-11 | 63,035 | 26,919 | 7,499 | 1,053 | 98,506 | 8,552 | 2,136 | 67% | 48% | 24% | 14% | 52% | 22% | 15% |
| May-11 | 58,905 | 26,579 | 6,951 | 1,122 | 93,557 | 8,073 | 1,826 | 63% | 48% | 23% | 15% | 50% | 21% | 13% |
| Jun-11 | 55,357 | 25,691 | 7,372 | 1,274 | 89,694 | 8,646 | 2,228 | 58% | 46% | 24% | 18% | 47% | 23% | 16% |
| Jul-11 | 55,120 | 25,713 | 7,971 | 1,594 | 90,398 | 9,565 | 2,715 | 58% | 46% | 26% | 22% | 48% | 25% | 20% |
| Aug-11 | 54,880 | 26,320 | 8,584 | 1,740 | 91,524 | 10,324 | 2,607 | 58% | 47% | 28% | 24% | 49% | 27% | 20% |
| Sep-11 | 53,873 | 26,448 | 9,073 | 1,806 | 91,200 | 10,879 | 2,666 | 57% | 47% | 29% | 25% | 48% | 28% | 20% |
| Oct-11 | 54,999 | 25,858 | 8,299 | 1,391 | 90,547 | 9,690 | 1,564 | 58% | 46% | 27% | 19% | 47% | 25% | 12% |
| Nov-11 | 57,959 | 27,430 | 8,466 | 1,241 | 95,096 | 9,707 | 1,545 | 61% | 49% | 27% | 17% | 50% | 25% | 12% |
| Dec-11 | 59,746 | 26,551 | 7,666 | 1,035 | 94,998 | 8,701 | 1,250 | 62% | 47% | 24% | 14% | 49% | 22% | 10% |
| Jan-12 | 61,967 | 27,298 | 7,277 | 1,222 | 97,764 | 8,499 | 1,338 | 64% | 48% | 23% | 17% | 51% | 22% | 11% |
| Feb-12 | 65,727 | 28,689 | 7,763 | 1,360 | 103,539 | 9,123 | 1,676 | 68% | 50% | 24% | 19% | 54% | 23% | 14% |
| Mar-12 | 68,756 | 29,144 | 8,199 | 1,518 | 107,617 | 9,717 | 1,955 | 72% | 51% | 26% | 21% | 56% | 25% | 17% |
| Apr-12 | 66,562 | 28,743 | 8,241 | 1,472 | 105,018 | 9,713 | 1,961 | 68% | 50% | 26% | 20% | 54% | 25% | 17% |
| May-12 | 65,188 | 28,322 | 8,930 | 1,659 | 104,099 | 10,589 | 2,258 | 66% | 48% | 27% | 22% | 53% | 27% | 20% |
| Jun-12 | 62,380 | 27,773 | 9,395 | 1,665 | 101,213 | 11,060 | 2,476 | 63% | 47% | 28% | 22% | 51% | 27% | 21% |
| Jul-12 | 61,495 | 28,135 | 10,351 | 1,950 | 101,931 | 12,301 | 2,791 | 61% | 48% | 31% | 26% | 51% | 30% | 24% |
| Aug-12 | 61,108 | 28,892 | 11,307 | 2,248 | 103,555 | 13,555 | 3,008 | 60% | 49% | 33% | 29% | 51% | 32% | 26% |
| Sep-12 | 62,319 | 29,587 | 11,580 | 2,398 | 105,884 | 13,978 | 2,870 | 62% | 50% | 34% | 31% | 52% | 33% | 24% |
| Oct-12 | 61,918 | 29,266 | 10,573 | 1,931 | 103,688 | 12,504 | 1,662 | 60% | 49% | 29% | 24% | 50% | 28% | 13% |
| Nov-12 | 65,873 | 29,835 | 11,232 | 2,079 | 109,019 | 13,311 | 1,520 | 64% | 49% | 31% | 25% | 52% | 30% | 12% |
| Dec-12 | 67,319 | 29,137 | 10,335 | 1,753 | 108,544 | 12,088 | 1,409 | 65% | 48% | 28% | 21% | 51% | 27% | 11% |
| Jan-13 | 69,290 | 30,182 | 10,399 | 1,803 | 111,674 | 12,202 | 1,659 | 66% | 49% | 28% | 20% | 52% | 26% | 13% |
| Feb-13 | 72,473 | 30,842 | 11,375 | 1,850 | 116,540 | 13,225 | 2,186 | 68% | 50% | 30% | 20% | 54% | 28% | 17% |

Source: AEM, CRC Estimates

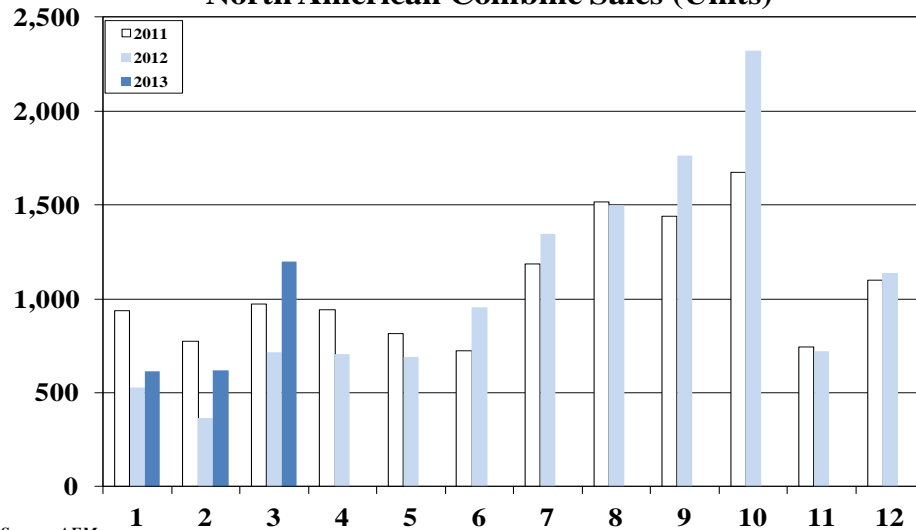
Annual Ag Equipment Industry Sales – 2010-2012

NA High-Horsepower Tractor Sales (Units)



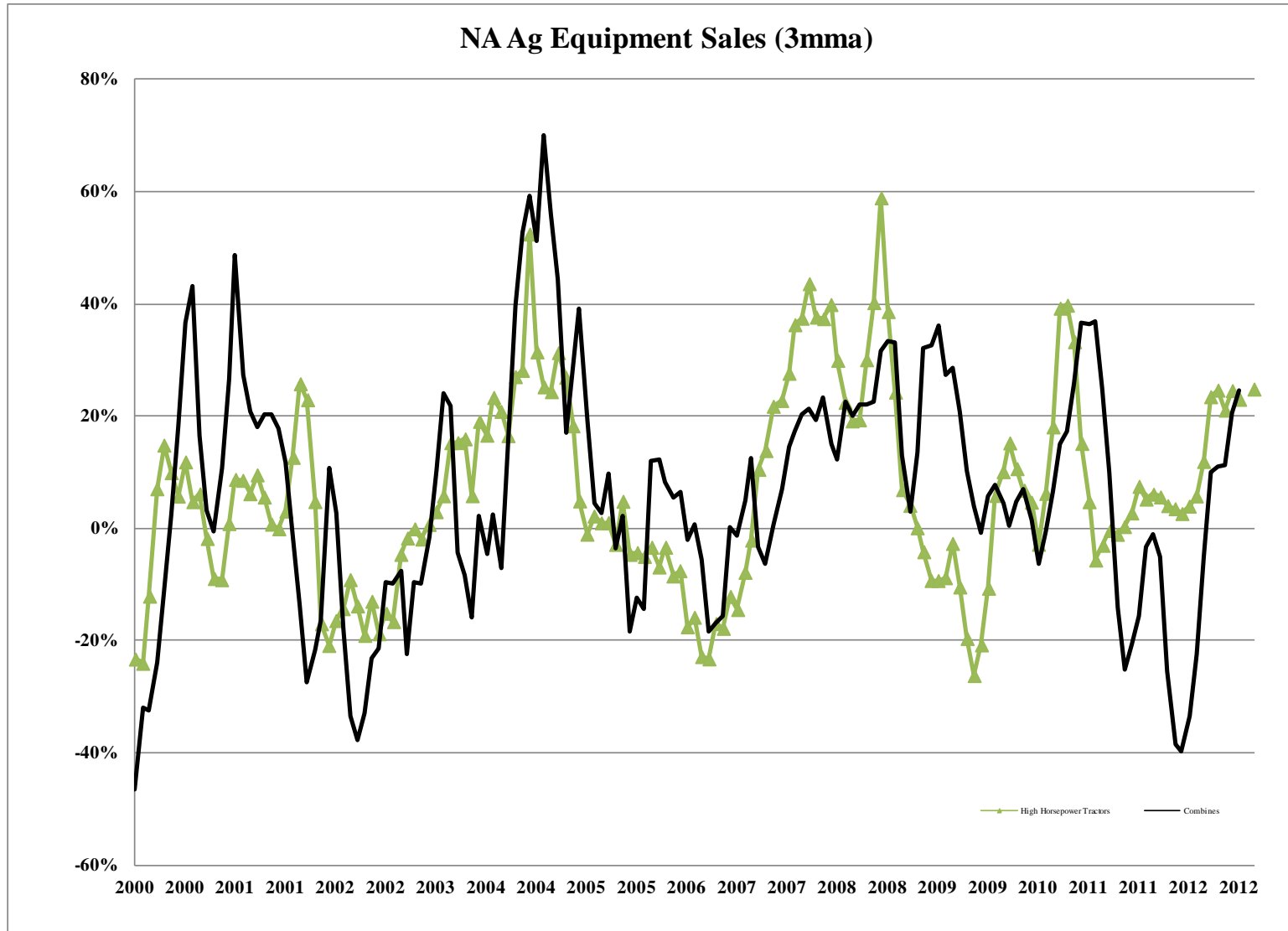
Source: AEM

North American Combine Sales (Units)



Source: AEM

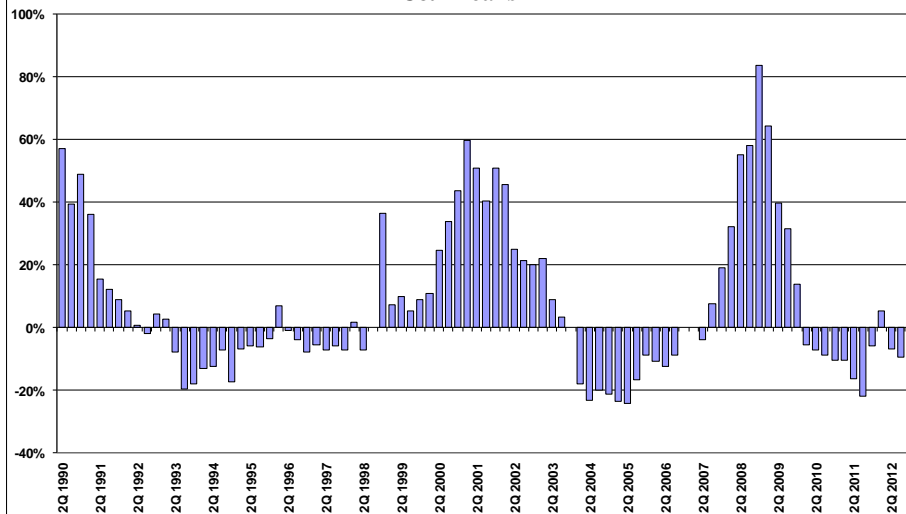
NA Ag Equipment Sales



Credit – C&I Loan Demand Improves as Lending Standards Loosen

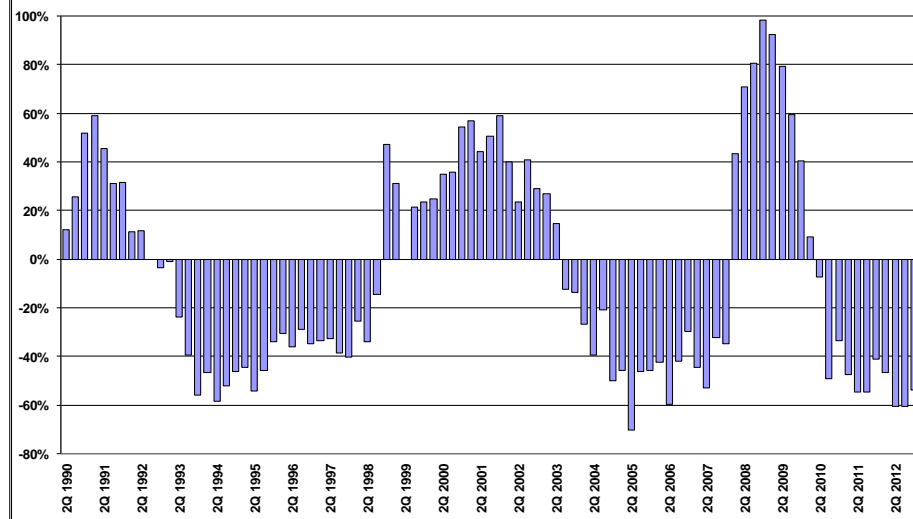
- The 4Q12 Senior Loan Officer survey saw a further loosening of loan standards. A net 8% of loan officers reported easier credit standards in 4Q12 compared with a net 10% in 3Q.
- Bank rate spreads contracted again in 4Q12 with a net 54% of loan officers reporting lower lending spreads, up from a net 60% in 3Q.
- Demand for commercial and industrial loans deteriorated in 4Q as a net 6% of loan officers reported weaker demand for commercial and industrial loans, down from the net 8% of loan officers reporting stronger demand for loans in 3Q.

Net Percentage of Domestic Respondents Tightening Standards for C&I Loans



Source: Federal Reserve Board

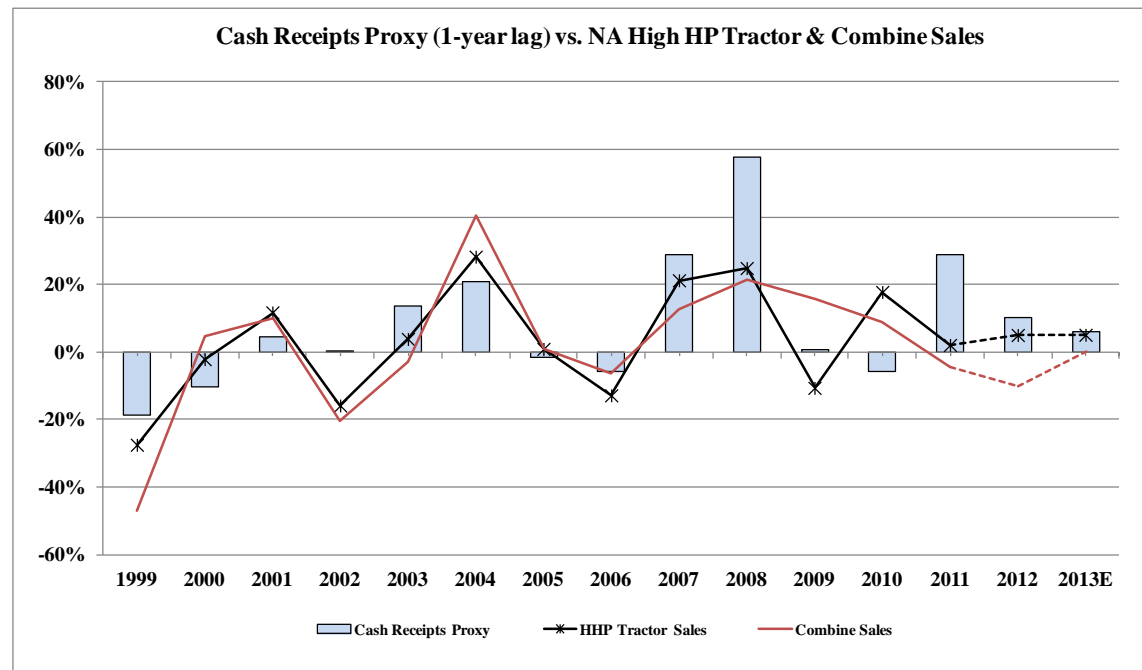
Net % of Domestic Respondents Increasing Spreads of Loan Rates Over Banks' Cost of Funds



Source: Federal Reserve Board

Commodity Price Trends - Cash Receipts vs. Next Year Equipment Sales

The USDA's April crop supply and demand forecast for the 2012/13 crop year shows slight simplified cash receipts proxy. The chart below depicts N. American high HP tractor and combine sales on a one year lag vs. our simplified farm cash receipts proxy as illustrated using the three most important crops – corn, soybeans, and wheat. A negative/positive revision to the cash receipts proxy would indicate a similar revision for expected future demand for the important large equipment categories. The new cash receipts outlook of 6% growth is down 2% from last month as slightly lower prices drove the reduction. The 6% increase on top of a record 2011/2012 suggests another year of higher demand for equipment in 2013 appears likely, as the correlation has provided a good proxy for future equipment demand.



Commodity Price Trends – Simplified Cash Receipts Proxy

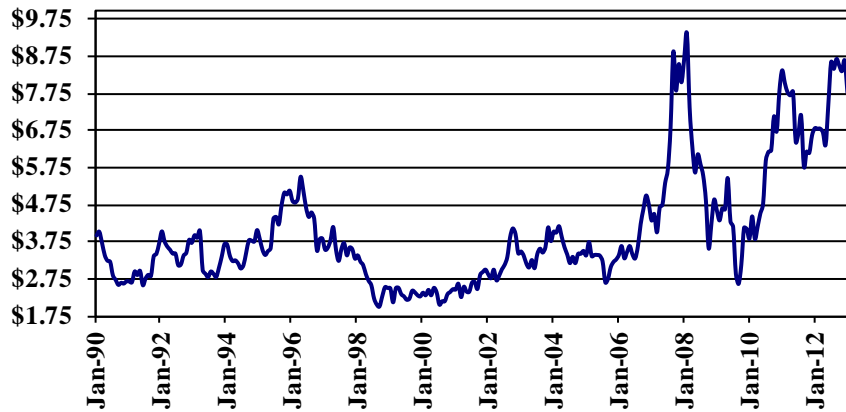
| USDA - World Agricultural Supply and Demand Estimates (bu millions) | | | | | | | | | | | | |
|---|------------|--------------|------------|-----------|------------|---------------------|-----------------|------------------------------------|------------|------------------|------------|------------|
| CORN - DOMESTIC | | | | | | | | CORN - INTERNATIONAL | | | | |
| Year | Production | Domestic Use | Exports | Total Use | End Stocks | Stocks/Use | Avg Price | Year | Production | Total Use | End Stocks | Stocks/Use |
| 2010/11 | 12,447 | 11,220 | 1,835 | 13,055 | 1,128 | 10.1% | \$5.18 | 2010/11 | 20,194 | 22,192 | 3,766 | 17.0% |
| 2011/12 | 12,358 | 11,005 | 1,650 | 12,655 | 851 | 7.7% | \$5.95-\$6.25 | 2011/12 | 22,010 | 23,171 | 4,235 | 18.3% |
| 2012/13 | | | | | | | | 2012/13 | | | | |
| February | 10,780 | 10,337 | 900 | 11,237 | 632 | 6.1% | \$6.75-7.65 | February | 22,855 | 23,809 | 4,015 | 16.9% |
| March | 10,780 | 10,437 | 825 | 11,262 | 632 | 6.1% | \$6.75-7.45 | March | 22,843 | 23,725 | 3,993 | 16.8% |
| April | 10,780 | 10,337 | 800 | 11,137 | 757 | 7.3% | \$6.65-7.15 | April | 22,916 | 23,619 | 4,175 | 17.7% |
| Revision to 2011/12: | | | | | | | | Corn Spot Price: \$7.64 | | | | |
| m/m chg | 0 | -100 | -25 | -125 | 125 | 1.3% | (\$0.20) | m/m chg | 73 | -106 | 182 | 0.8% |
| y/y chg | -1,578 | -668 | -850 | -1,518 | -94 | -0.4% | \$0.80 | y/y chg | 906 | 448 | -60 | -0.6% |
| SOYBEANS - DOMESTIC | | | | | | | | SOYBEANS - INTERNATIONAL | | | | |
| Year | Production | Domestic Use | Exports | Total Use | End Stocks | Stocks/Use | Avg Price | Year | Production | Total Use | End Stocks | Stocks/Use |
| 2010/11 | 3,329 | 3,280 | 1,501 | 4,781 | 215 | 6.6% | \$11.30 | 2010/11 | 6,397 | 7,457 | 2,361 | 31.7% |
| 2011/12 | 3,056 | 3,111 | 1,335 | 4,446 | 175 | 5.6% | \$12.30 | 2011/12 | 5,629 | 7,536 | 1,785 | 23.7% |
| 2012/13 | | | | | | | | | | | | |
| February | 3,015 | 3,080 | 1,345 | 4,425 | 125 | 4.1% | \$13.55-\$15.05 | February | 6,887 | 7,904 | 2,084 | 26.4% |
| March | 3,015 | 3,080 | 1,345 | 4,425 | 125 | 4.1% | \$13.80-\$14.80 | March | 6,832 | 7,851 | 2,088 | 26.6% |
| April | 3,015 | 3,080 | 1,350 | 4,430 | 125 | 4.1% | \$13.80-\$14.80 | April | 6,892 | 7,815 | 2,177 | 27.9% |
| Revision to 2011/12: | | | | | | | | Soybean Spot Price: \$14.73 | | | | |
| m/m chg | 0 | 0 | 5 | 5 | 0 | 0.0% | \$0.00 | m/m chg | 60 | -36 | 89 | 1.3% |
| y/y chg | -41 | -31 | 15 | -16 | -50 | -1.6% | \$1.95 | y/y chg | 1263 | 279 | 391 | 4.2% |
| WHEAT - DOMESTIC | | | | | | | | WHEAT - INTERNATIONAL | | | | |
| Year | Production | Domestic Use | Exports | Total Use | End Stocks | Stocks/Use | Avg Price | Year | Production | Total Use | End Stocks | Stocks/Use |
| 2010/11 | 2,207 | 1,128 | 1,289 | 2,417 | 862 | 76.4% | \$5.70 | 2010/11 | 21,718 | 22,919 | 6,385 | 27.9% |
| 2011/12 | 1,999 | 1,199 | 1,055 | 2,254 | 728 | 60.7% | \$7.25 | 2011/12 | 23,506 | 24,369 | 6,458 | 26.5% |
| 2012/13 | | | | | | | | | | | | |
| February | 2,269 | 1,400 | 1,050 | 2,450 | 691 | 49.4% | \$7.70-\$8.10 | February | 21,747 | 23,344 | 5,802 | 24.9% |
| March | 2,269 | 1,400 | 1,025 | 2,425 | 716 | 51.1% | \$7.65-\$7.95 | March | 21,815 | 23,354 | 5,832 | 25.0% |
| April | 2,269 | 1,386 | 1,025 | 2,411 | 731 | 52.7% | \$7.70-\$7.90 | April | 21,813 | 23,326 | 5,966 | 25.6% |
| Revision to 2011/12: | | | | | | | | Wheat Spot Price: \$7.32 | | | | |
| m/m chg | 0 | -14 | 0 | -14 | 15 | 1.6% | \$0.00 | m/m chg | -2 | -29 | 134 | 0.6% |
| y/y chg | 270 | 187 | -30 | 157 | 3 | -8.0% | \$0.55 | y/y chg | -1693 | -1043 | -492 | -0.9% |
| FARMER CROP RECEIPTS | | | | | | | | | | | | |
| Production: | | | Avg Price: | | | Crop Cash Receipts* | | | | | | |
| Corn | Soybeans | Wheat | Corn | Soybeans | Wheat | Corn | Soybeans | Wheat | Total | y/y % Chg | | |
| 2010/11 | 12,447 | 3,329 | 2,207 | \$5.25 | \$11.40 | \$5.65 | \$65,347 | \$37,951 | \$12,470 | \$115,767 | 29% | |
| 2011/12 | 12,358 | 3,056 | 1,999 | \$6.10 | \$12.35 | \$7.25 | \$75,384 | \$37,742 | \$14,493 | \$127,618 | 10% | |
| 2012/13 | | | | | | | | | | | | |
| August | 10,779 | 2,692 | 2,268 | \$8.20 | \$16.00 | \$8.30 | \$88,388 | \$43,072 | \$18,824 | \$150,284 | 18% | |
| September | 10,727 | 2,634 | 2,268 | \$7.90 | \$16.00 | \$8.10 | \$84,743 | \$42,144 | \$18,371 | \$145,258 | 14% | |
| October | 10,706 | 2,860 | 2,269 | \$7.80 | \$15.25 | \$8.10 | \$83,507 | \$43,615 | \$18,379 | \$145,501 | 14% | |
| November | 10,725 | 2,971 | 2,269 | \$7.60 | \$14.90 | \$8.10 | \$81,510 | \$44,268 | \$18,379 | \$144,157 | 13% | |
| December | 10,725 | 2,971 | 2,269 | \$7.40 | \$14.55 | \$8.00 | \$79,365 | \$43,228 | \$18,152 | \$140,745 | 10% | |
| January | 10,780 | 3,015 | 2,269 | \$7.40 | \$14.25 | \$7.90 | \$79,772 | \$42,964 | \$17,925 | \$140,661 | 10% | |
| February | 10,780 | 3,015 | 2,269 | \$7.20 | \$14.30 | \$7.90 | \$77,616 | \$43,115 | \$17,925 | \$138,656 | 9% | |
| March | 10,780 | 3,015 | 2,269 | \$7.10 | \$14.30 | \$7.80 | \$76,538 | \$43,115 | \$17,698 | \$137,351 | 8% | |
| April | 10,780 | 3,015 | 2,269 | \$6.90 | \$14.30 | \$7.80 | \$74,382 | \$43,115 | \$17,698 | \$135,195 | 6% | |

*Note: Cash receipts estimated as USDA production X USDA average price forecast

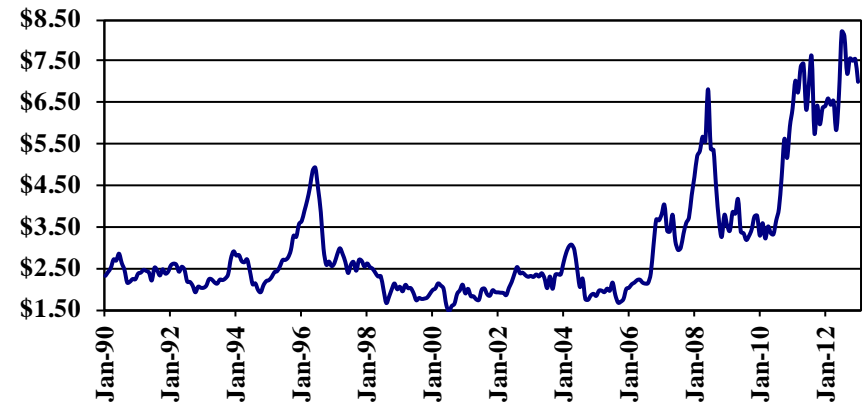
Source: USDA; Cleveland Research estimates

Commodity Price Trends – Corn, Soybean, Wheat, Cotton

Wheat Price Trends



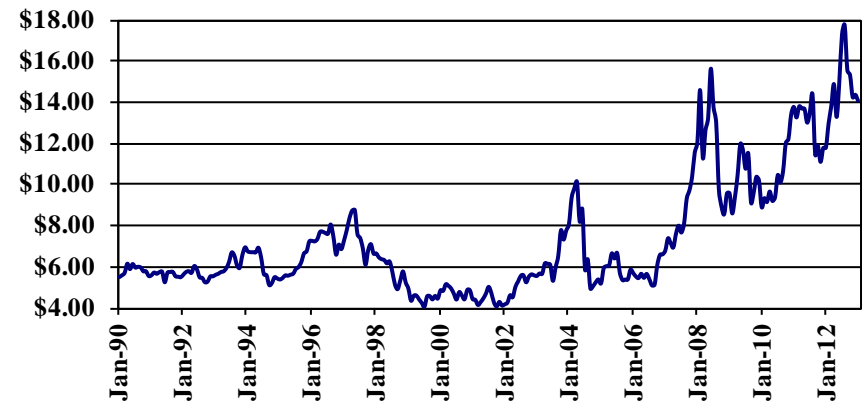
Corn Price Trends



Cotton Price Trends

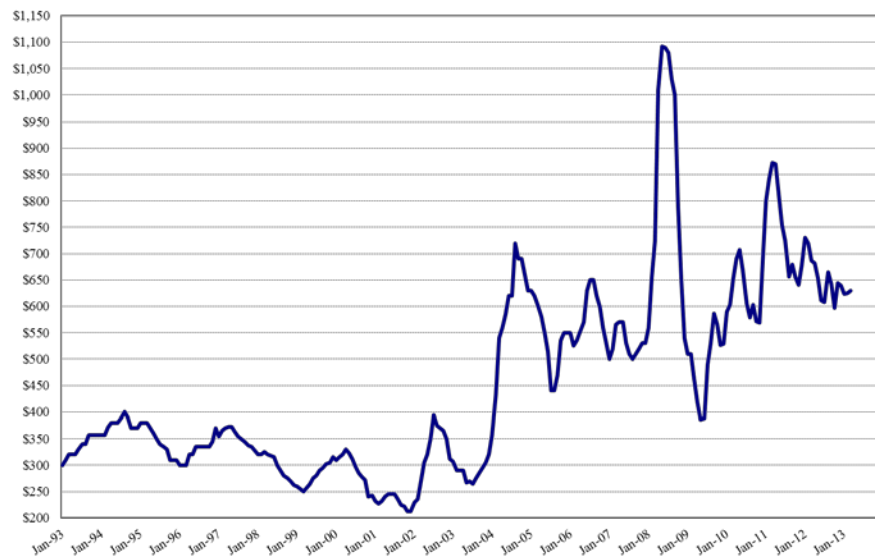


Soybean Price Trends

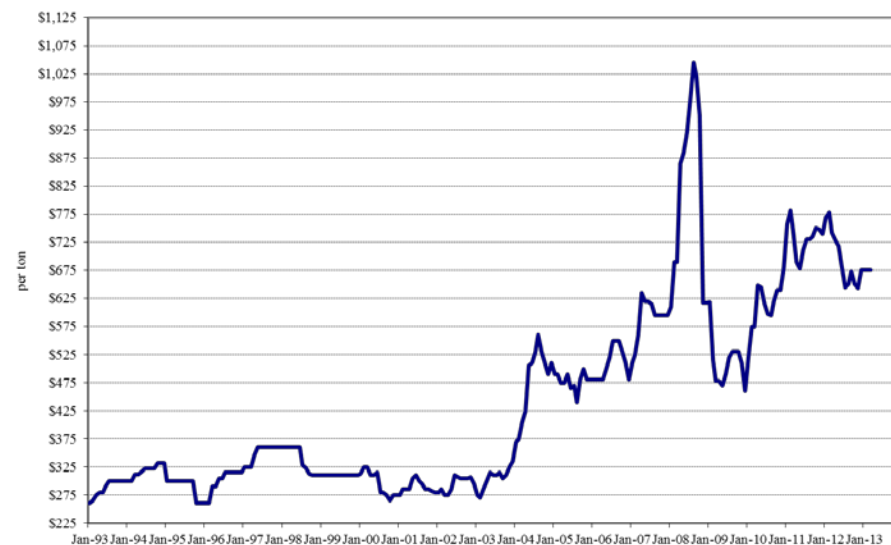


Commodity Price Trends – Steel

Domestic Hot Rolled Sheet Prices
Monthly 1993 to Present

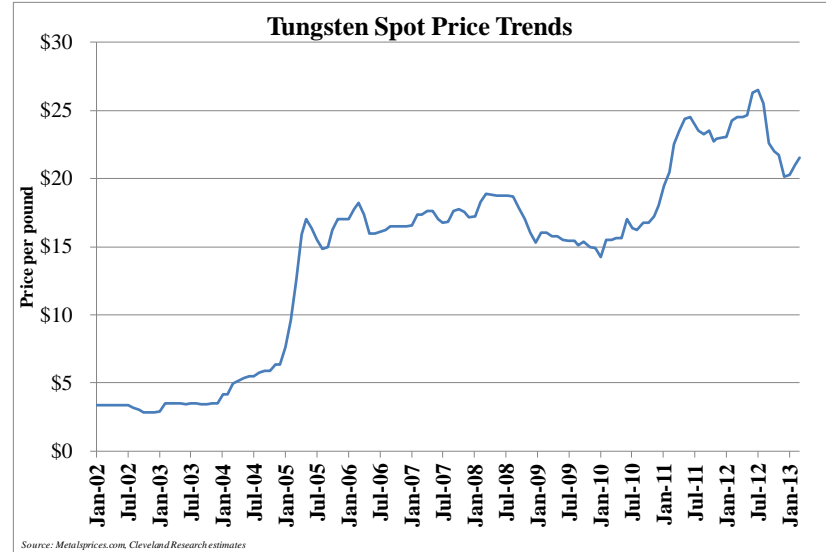
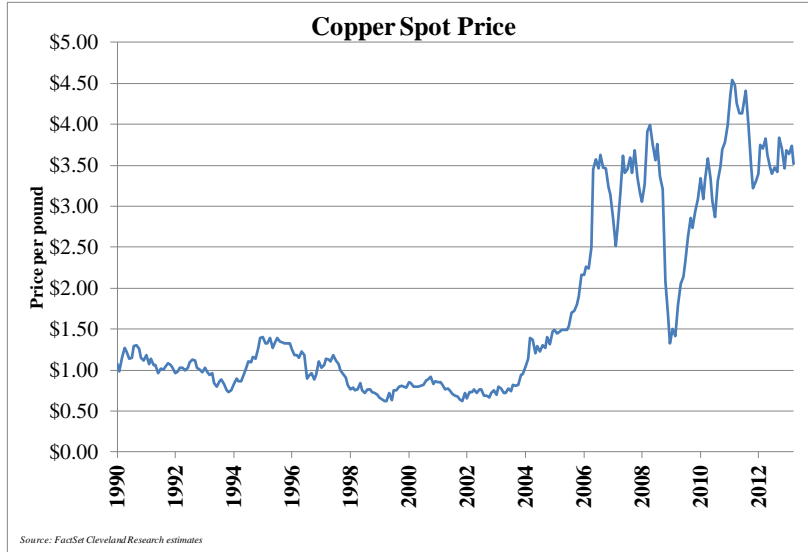
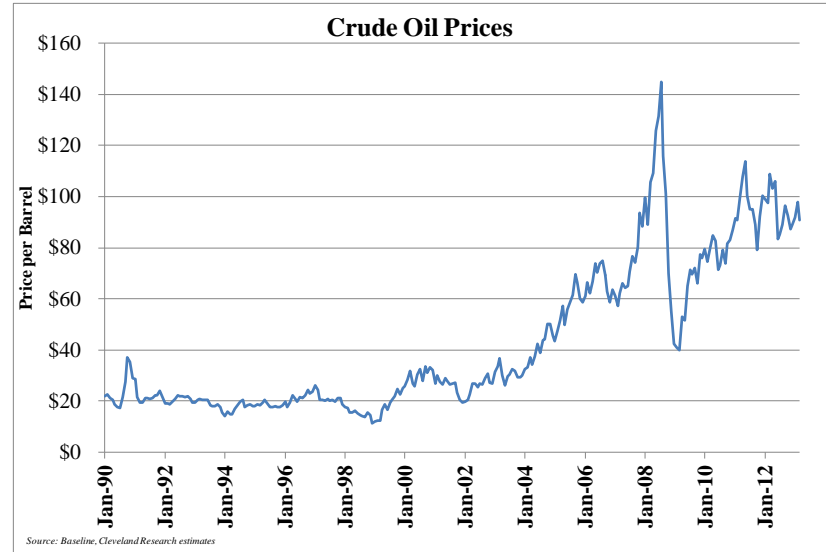
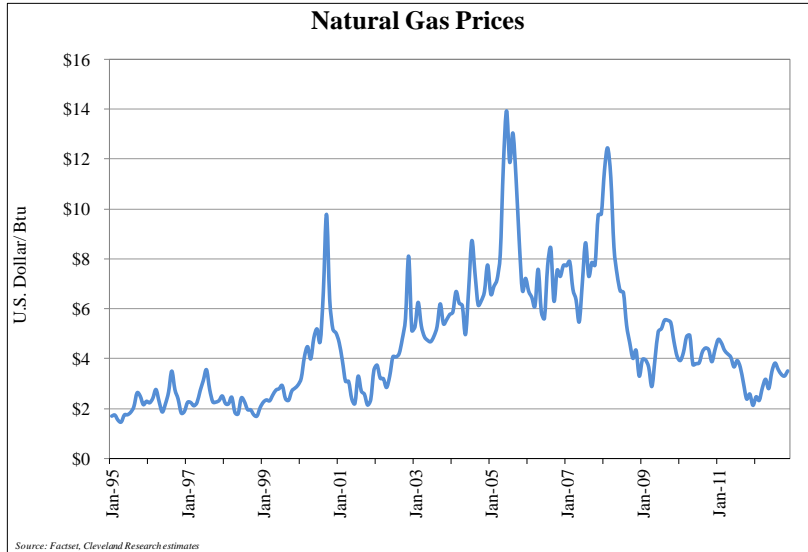


Domestic Reinforcing Bar (Rebar) Prices
Monthly 1993 to Present



Source: Steel Business Briefing, Cleveland Research estimates

Commodity Price Trends



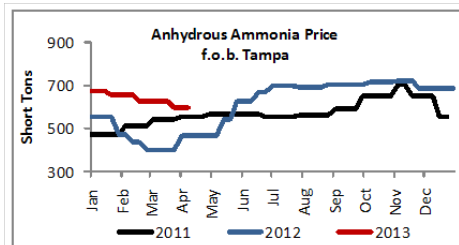
Commodity Trends – Long Run Supply and Demand Projections

| CORN - DOMESTIC | | | | | | | | |
|------------------------|-------------------|---------------------|------------------------|----------------|------------------|-------------------|-------------------|------------------|
| <u>Year</u> | <u>Production</u> | <u>Domestic Use</u> | <u>Use for Ethanol</u> | <u>Exports</u> | <u>Total Use</u> | <u>End Stocks</u> | <u>Stocks/Use</u> | <u>Avg Price</u> |
| 2007/08 | 13,074 | 10,338 | 3,026 | 2,436 | 12,774 | 1,624 | 12.7% | \$4.20 |
| 2008/09 | 12,101 | 10,207 | 3,677 | 1,858 | 12,065 | 1,674 | 13.9% | \$4.06 |
| 2009/10 | 13,110 | 11,097 | 4,568 | 1,987 | 13,084 | 1,708 | 13.1% | \$3.55 |
| 2010/11 | 12,540 | 11,480 | 4,800 | 1,950 | 13,430 | 827 | 6.2% | \$5.20 |
| 2011/12 | 13,755 | 11,465 | 4,875 | 2,000 | 13,465 | 1,127 | 8.4% | \$4.80 |
| 2012/13 | 13,840 | 11,620 | 4,925 | 2,025 | 13,645 | 1,332 | 9.8% | \$4.30 |
| 2013/14 | 13,925 | 11,780 | 4,975 | 2,050 | 13,830 | 1,437 | 10.4% | \$4.10 |
| 2014/15 | 14,010 | 11,935 | 5,025 | 2,075 | 14,010 | 1,447 | 10.3% | \$4.10 |
| 2015/16 | 14,180 | 12,095 | 5,075 | 2,100 | 14,195 | 1,442 | 10.2% | \$4.10 |
| 2015/17 | 14,345 | 12,305 | 5,175 | 2,150 | 14,455 | 1,342 | 9.3% | \$4.15 |
| 2017/18 | 14,600 | 12,490 | 5,300 | 2,200 | 14,690 | 1,262 | 8.6% | \$4.20 |
| 2018/19 | 14,855 | 12,650 | 5,400 | 2,250 | 14,900 | 1,227 | 8.2% | \$4.25 |
| 2019/20 | 15,110 | 12,805 | 5,475 | 2,300 | 15,105 | 1,242 | 8.2% | \$4.25 |
| 2020/21 | 15,280 | 12,940 | 5,525 | 2,350 | 15,290 | 1,242 | 8.1% | \$4.25 |
| 10-yr Avg | 14,390 | 12,209 | 5,175 | 2,150 | 14,359 | 1,310 | 9.1% | \$4.25 |

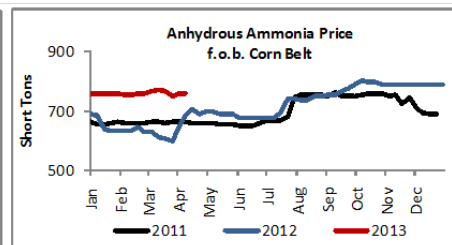
| SOYBEANS - DOMESTIC | | | | | | | |
|----------------------------|-------------------|---------------------|----------------|------------------|-------------------|-------------------|------------------|
| <u>Year</u> | <u>Production</u> | <u>Domestic Use</u> | <u>Exports</u> | <u>Total Use</u> | <u>End Stocks</u> | <u>Stocks/Use</u> | <u>Avg Price</u> |
| 2007/08 | 2,676 | 1,893 | 1,161 | 3,054 | 205 | 6.7% | \$10.10 |
| 2008/09 | 2,967 | 1,763 | 1,283 | 3,046 | 138 | 4.5% | \$9.97 |
| 2009/10 | 3,359 | 1,860 | 1,501 | 3,361 | 151 | 4.5% | \$9.59 |
| 2010/11 | 3,375 | 1,782 | 1,570 | 3,352 | 185 | 5.5% | \$11.45 |
| 2011/12 | 3,355 | 1,785 | 1,575 | 3,360 | 190 | 5.7% | \$11.20 |
| 2012/13 | 3,395 | 1,795 | 1,605 | 3,400 | 195 | 5.7% | \$10.55 |
| 2013/14 | 3,445 | 1,821 | 1,635 | 3,456 | 194 | 5.6% | \$10.25 |
| 2014/15 | 3,505 | 1,842 | 1,670 | 3,512 | 197 | 5.6% | \$10.20 |
| 2015/16 | 3,540 | 1,863 | 1,685 | 3,548 | 199 | 5.6% | \$10.25 |
| 2015/17 | 3,590 | 1,898 | 1,705 | 3,603 | 196 | 5.4% | \$10.25 |
| 2017/18 | 3,625 | 1,919 | 1,715 | 3,634 | 197 | 5.4% | \$10.30 |
| 2018/19 | 3,660 | 1,939 | 1,730 | 3,669 | 198 | 5.4% | \$10.30 |
| 2019/20 | 3,695 | 1,959 | 1,745 | 3,704 | 199 | 5.4% | \$10.35 |
| 2020/21 | 3,735 | 1,980 | 1,765 | 3,745 | 200 | 5.3% | \$10.35 |
| 10-yr Avg | 3,555 | 1,880 | 1,683 | 3,563 | 197 | 5.5% | \$10.40 |

| WHEAT - DOMESTIC | | | | | | | |
|-------------------------|-------------------|---------------------|----------------|------------------|-------------------|-------------------|------------------|
| <u>Year</u> | <u>Production</u> | <u>Domestic Use</u> | <u>Exports</u> | <u>Total Use</u> | <u>End Stocks</u> | <u>Stocks/Use</u> | <u>Avg Price</u> |
| 2007/08 | 2,067 | 1,066 | 1,264 | 2,330 | 306 | 13.1% | \$6.48 |
| 2008/09 | 2,499 | 1,260 | 1,015 | 2,275 | 657 | 28.9% | \$6.78 |
| 2009/10 | 2,218 | 1,137 | 881 | 2,018 | 976 | 48.4% | \$4.87 |
| 2010/11 | 2,208 | 1,196 | 1,250 | 2,446 | 848 | 34.7% | \$5.50 |
| 2011/12 | 2,125 | 1,215 | 1,150 | 2,365 | 718 | 30.4% | \$6.50 |
| 2012/13 | 2,085 | 1,207 | 1,000 | 2,207 | 706 | 32.0% | \$5.90 |
| 2013/14 | 2,045 | 1,215 | 900 | 2,115 | 746 | 35.3% | \$5.55 |
| 2014/15 | 2,020 | 1,222 | 900 | 2,122 | 759 | 35.8% | \$5.45 |
| 2015/16 | 2,000 | 1,231 | 900 | 2,131 | 743 | 34.9% | \$5.45 |
| 2015/17 | 1,995 | 1,240 | 900 | 2,140 | 718 | 33.6% | \$5.50 |
| 2017/18 | 2,005 | 1,249 | 900 | 2,149 | 694 | 32.3% | \$5.50 |
| 2018/19 | 2,020 | 1,257 | 900 | 2,157 | 682 | 31.6% | \$5.55 |
| 2019/20 | 2,020 | 1,266 | 900 | 2,166 | 661 | 30.5% | \$5.55 |
| 2020/21 | 2,030 | 1,275 | 900 | 2,175 | 646 | 29.7% | \$5.60 |
| 10-yr Avg | 2,035 | 1,238 | 935 | 2,173 | 707 | 57.1% | \$5.66 |

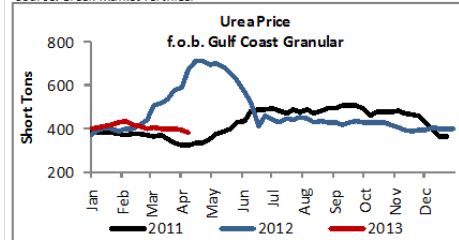
Other Input and Chemical Costs – 2011-2013



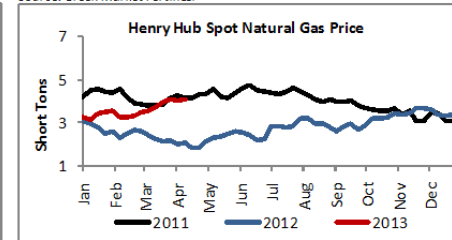
Source: Green Market Fertilizer



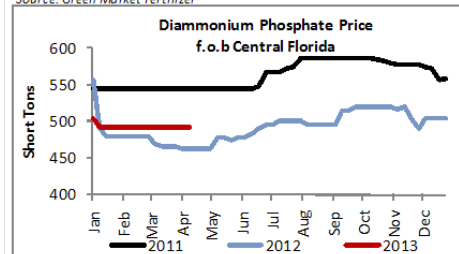
Source: Green Market Fertilizer



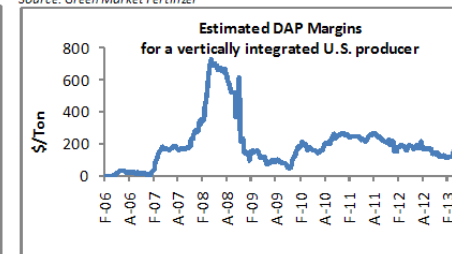
Source: Green Market Fertilizer



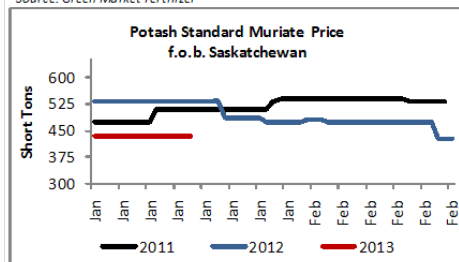
Source: Green Market Fertilizer



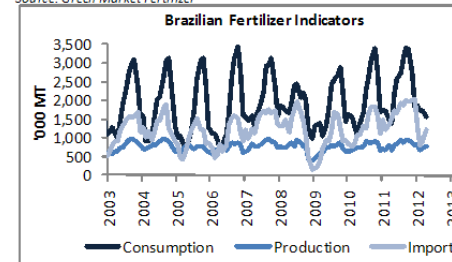
Source: Green Market Fertilizer



Source: Green Market Fertilizer

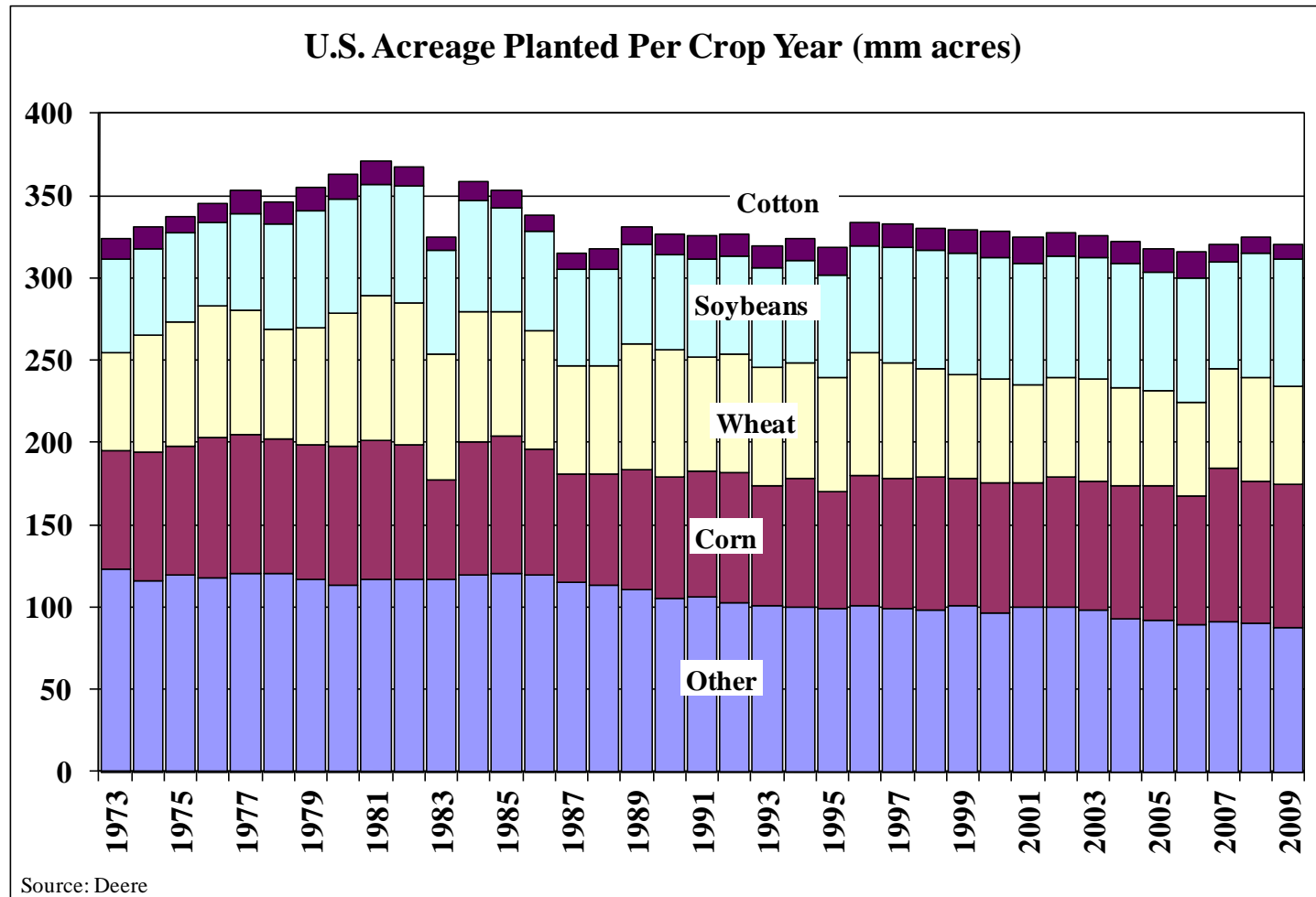


Source: Green Market Fertilizer



Source: ANDA

U.S. Acreage Planted Per Crop Year



US Farm Financial Data

| U.S. Farm Financial Data (\$Bil) | | | | | | | | |
|----------------------------------|---------------|----------------|--------------------|----------------|----------------|----------------------|--------------|---------------------|
| Year | Crop Receipts | Crop Rec % chg | Livestock Receipts | Gov't Payments | Total Receipts | Net Farm Cash Income | Total Assets | Debt to Asset Ratio |
| 1972 | 25.5 | - | 35.6 | 4.0 | 65.1 | 22.8 | 339.9 | 17.1 |
| 1973 | 41.1 | 61% | 45.8 | 2.6 | 89.5 | 35.6 | 418.5 | 16.0 |
| 1974 | 51.1 | 24% | 41.3 | 0.5 | 92.9 | 34.4 | 449.2 | 16.6 |
| 1975 | 45.8 | -10% | 43.1 | 0.8 | 89.7 | 29.1 | 510.8 | 16.4 |
| 1976 | 49.0 | 7% | 46.3 | 0.7 | 96.1 | 29.5 | 590.7 | 15.9 |
| 1977 | 48.6 | -1% | 47.6 | 1.8 | 98.1 | 27.4 | 651.5 | 16.6 |
| 1978 | 53.2 | 9% | 59.2 | 3.0 | 115.4 | 32.7 | 777.7 | 15.9 |
| 1979 | 62.3 | 17% | 69.2 | 1.4 | 132.9 | 32.6 | 914.7 | 16.1 |
| 1980 | 71.7 | 15% | 68.0 | 1.3 | 141.0 | 33.2 | 1000.4 | 16.2 |
| 1981 | 72.5 | 1% | 69.2 | 1.9 | 143.5 | 31.6 | 997.9 | 17.8 |
| 1982 | 72.3 | 0% | 70.3 | 3.5 | 146.1 | 36.8 | 962.5 | 19.1 |
| 1983 | 67.2 | -7% | 69.6 | 9.3 | 146.1 | 37.0 | 959.3 | 19.4 |
| 1984 | 69.9 | 4% | 72.9 | 8.4 | 151.2 | 36.0 | 897.8 | 21.0 |
| 1985 | 73.9 | 6% | 70.1 | 7.7 | 151.7 | 45.6 | 775.9 | 22.2 |
| 1986 | 63.8 | -14% | 71.6 | 11.8 | 147.2 | 46.5 | 722.0 | 21.0 |
| 1987 | 65.8 | 3% | 76.0 | 16.7 | 158.5 | 52.6 | 756.5 | 18.3 |
| 1988 | 71.6 | 9% | 79.6 | 14.5 | 165.7 | 53.7 | 788.5 | 16.9 |
| 1989 | 76.9 | 7% | 83.6 | 10.9 | 171.4 | 53.5 | 813.7 | 16.1 |
| 1990 | 80.2 | 4% | 89.1 | 9.3 | 178.6 | 53.8 | 840.6 | 15.6 |
| 1991 | 82.2 | 3% | 85.8 | 8.2 | 176.2 | 51.4 | 844.2 | 15.6 |
| 1992 | 85.7 | 4% | 85.8 | 9.2 | 180.6 | 56.9 | 867.8 | 15.2 |
| 1993 | 87.8 | 2% | 90.5 | 13.4 | 191.7 | 60.8 | 909.2 | 14.8 |
| 1994 | 93.1 | 6% | 88.3 | 7.9 | 189.3 | 53.7 | 934.7 | 14.9 |
| 1995 | 101.0 | 8% | 87.2 | 7.3 | 195.5 | 54.5 | 965.7 | 14.8 |
| 1996 | 106.5 | 5% | 92.9 | 7.3 | 206.8 | 60.9 | 1002.9 | 14.8 |
| 1997 | 111.3 | 5% | 96.5 | 7.5 | 215.3 | 60.9 | 1051.3 | 14.9 |
| 1998 | 102.2 | -8% | 94.2 | 12.4 | 208.8 | 57.7 | 1083.4 | 15.2 |
| 1999 | 92.1 | -10% | 95.7 | 21.5 | 209.3 | 57.9 | 1138.8 | 14.7 |
| 2000 | 92.5 | 0% | 99.6 | 23.2 | 215.2 | 57.4 | 1203.2 | 13.6 |
| 2001 | 93.4 | 1% | 106.7 | 22.4 | 222.5 | 62.2 | 1255.9 | 13.6 |
| 2002 | 100.7 | 8% | 93.9 | 12.4 | 207.4 | 51.0 | 1259.7 | 14.1 |
| 2003 | 110.5 | 10% | 105.7 | 16.5 | 232.0 | 72.3 | 1383.4 | 11.9 |
| 2004 | 114.5 | 4% | 123.5 | 13.0 | 250.3 | 83.7 | 1588.0 | 11.5 |
| 2005 | 116.1 | 1% | 124.9 | 24.4 | 265.2 | 86.8 | 1779.4 | 11.0 |
| 2006 | 122.3 | 5% | 118.6 | 15.8 | 255.1 | 68.8 | 1923.6 | 10.6 |
| 2007 | 149.9 | 23% | 138.6 | 11.9 | 296.7 | 78.2 | 2055.3 | 10.4 |
| 2008 | 183.1 | 22% | 141.1 | 12.2 | 336.6 | 97.5 | 2005.5 | 11.9 |
| 2009 | 166.3 | -9% | 118.8 | 12.9 | 297.9 | 70.8 | 1943.7 | 12.8 |

Source: USDA, CRC estimates