

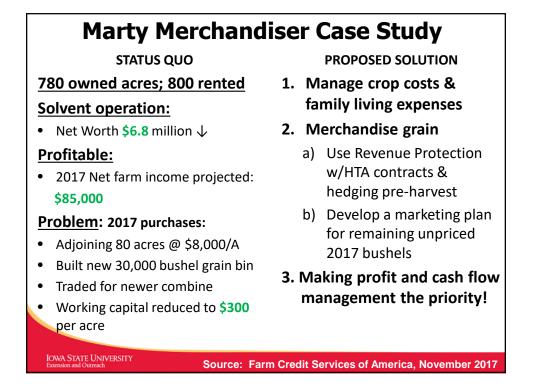




- 1,580 Row-crop acres (1,300 acres in corn)
- 280,000 bushels of on-farm storage
- Fall/winter cash flow needs of \$700,000
- 3,000 Row-crop acres with family members (shared combine, sprayer and labor)
- Marty's Actual Production History (APH) = 184 bu/A corn and 53 bu/A soybeans
- Buys Revenue Protection (RP) at the 85% level
- Pre-harvest markets up to 70% of corn APH using December futures (HTA and Hedges).

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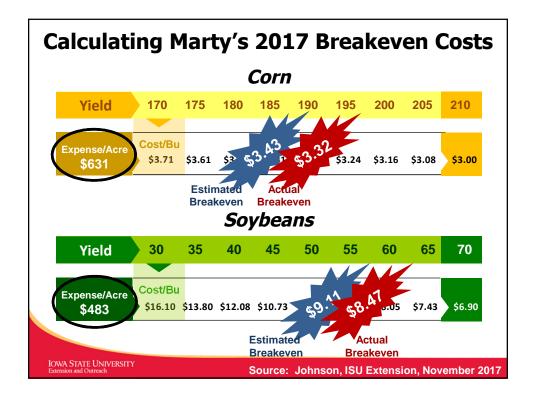
Source: Farm Credit Services of America, November 2017

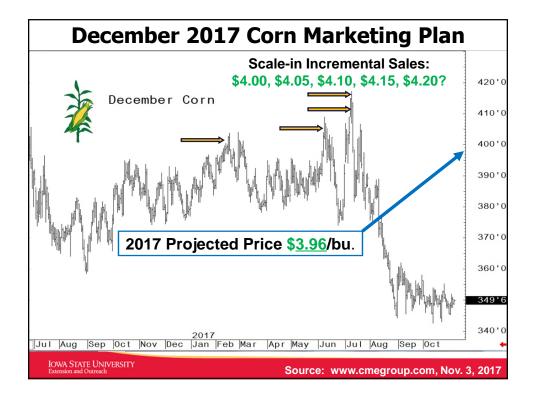


Marty Merchandiser: Financial Changes (as of December 1, 2017)

| Financial Categories | Status Quo | Proposed Solution |
|---|--------------------|----------------------|
| Working capital per acre (total crop acres) | \$300/A | |
| Machinery debt per acre (total crop acres) | \$26/A | 8 |
| Real estate payments per ad (total crop acres) | cre \$128/A | |

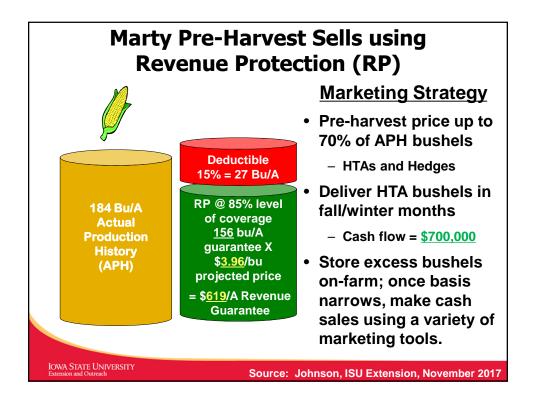
| Associa | tion Fir | nancial | Guidel | ines |
|---|-------------------------|--------------------------------|------------------------------|--|
| | Financial Categories | Working Capital per acre | Machinery P&I per acre | Real Estate P&I + Taxes per acre |
| | Red | < \$100 | >\$75 | > \$300 |
| | Yellow | \$200- \$100 | \$50-75 | \$200- \$300 |
| | Green | > \$200 | <\$50 | < \$200 |
| | | | | |
| IOWA STATE UNIVERSITY Extension and Outreach | Source: | Farm Credit Ser | vices of America | a, November 2017 |

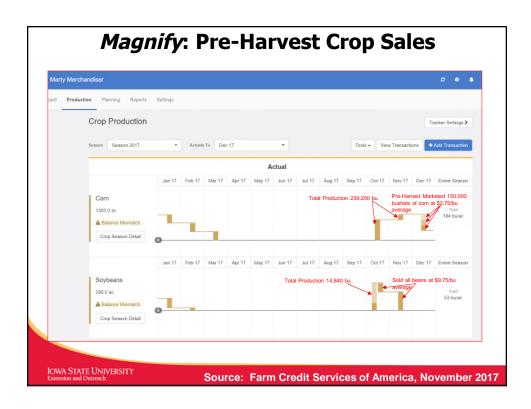


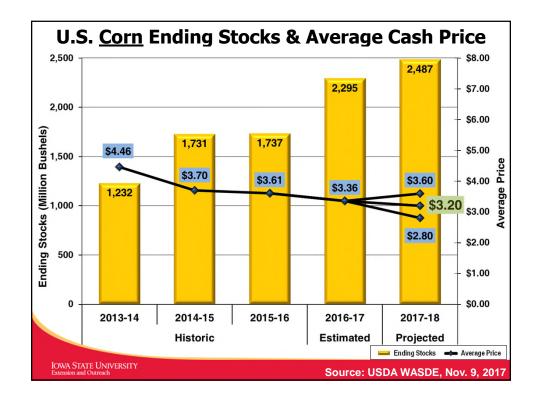




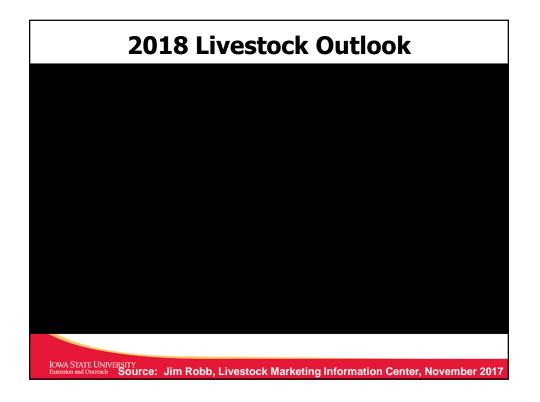


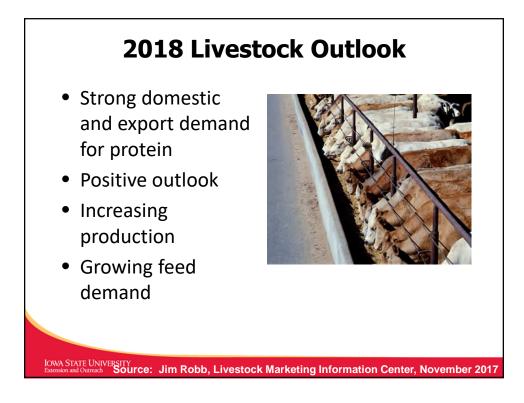


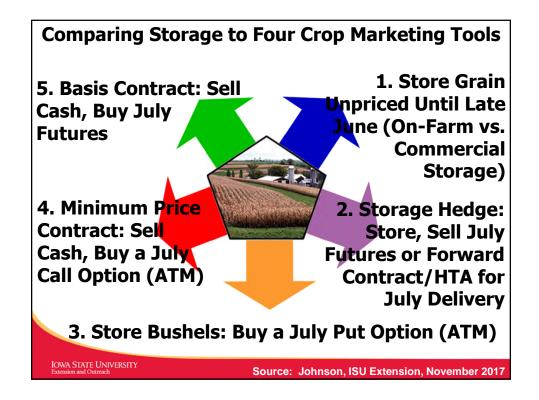


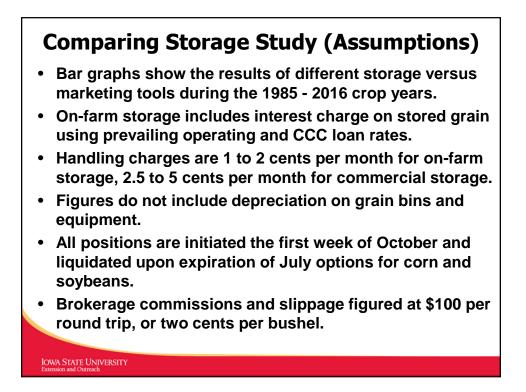


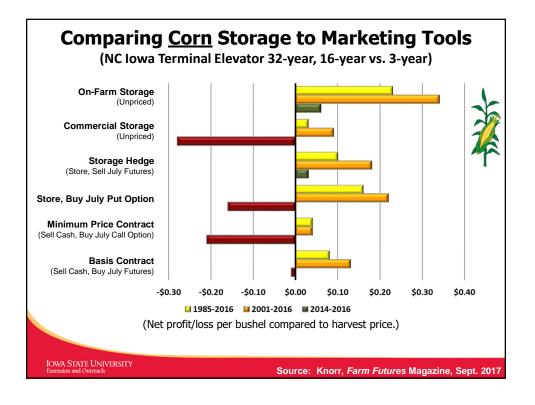
| | | 2013 | 2014 | 2015 | 2016 | 201 |
|-------------------------|--------------|--------|--------|--------|--------|-------|
| Area Planted | (mil. acres) | 95.4 | 90.6 | 88.0 | 94.0 | 90. |
| Yield | (bu./acre) | 158.1 | 171.0 | 168.4 | 174.6 | 175. |
| Production | (mil. bu.) | 13,829 | 14,216 | 13,602 | 15,148 | 14,57 |
| Beg. Stocks | (mil. bu.) | 821 | 1,232 | 1,731 | 1,737 | 2,29 |
| Imports | (mil. bu.) | 36 | 32 | 68 | 57 | 5 |
| Total Supply | (mil. bu.) | 14,686 | 15,479 | 15,401 | 16,942 | 16,92 |
| Feed & Residual | (mil. bu.) | 5,040 | 5,280 | 5,114 | 5,463 | 5,57 |
| Ethanol | (mil. bu.) | 5,124 | 5,200 | 5,224 | 5,439 | 5,47 |
| Food, Seed, & Other | (mil. bu.) | 1,369 | 1,401 | 1,424 | 1,452 | 1,46 |
| Exports | (mil. bu.) | 1,920 | 1,867 | 1,901 | 2,293 | 1,92 |
| Total Use | (mil. bu.) | 13,454 | 13,748 | 13,664 | 14,647 | 14,43 |
| Ending Stocks | (mil. bu.) | 1,232 | 1,731 | 1,737 | 2,295 | 2,48 |
| Season-Average Price | (\$/bu.) | 4.46 | 3.70 | 3.61 | \$3.36 | \$3.2 |

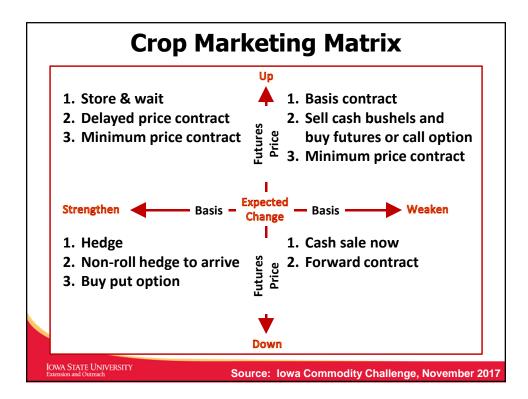


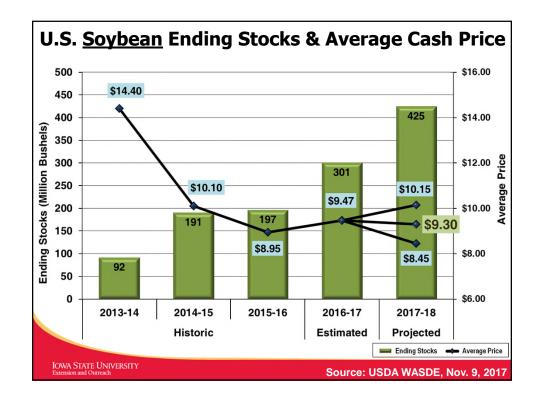




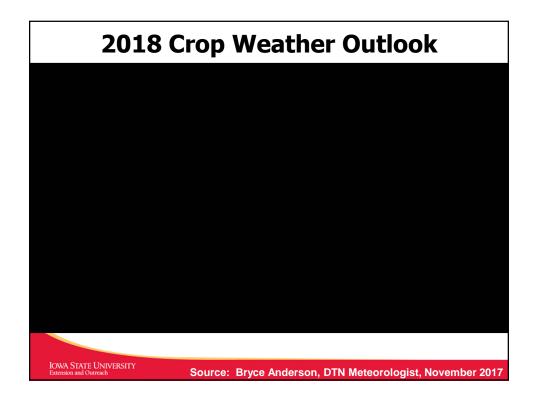


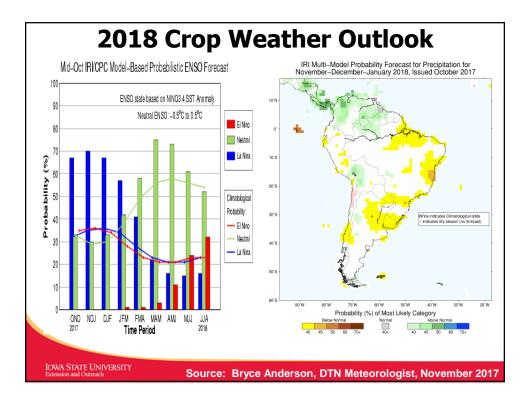


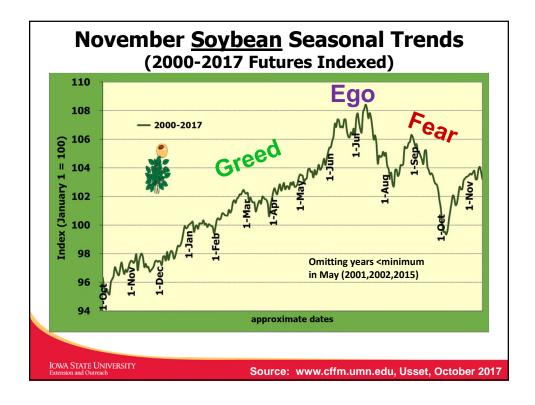




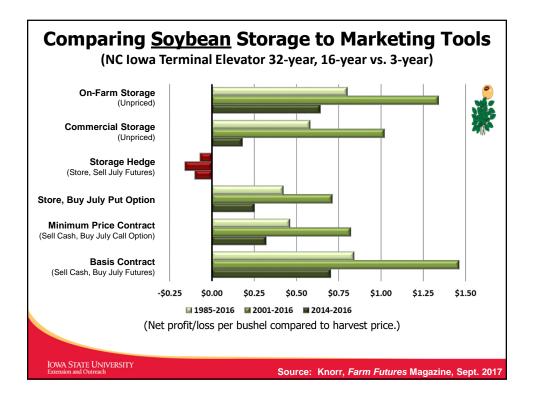
| (mil. acres) (bu./acre) | 2013 76.8 | 2014 83.3 | 2015 | 2016 | 2017 |
|----------------------------|--|---|---|---|---|
| . , | 76.8 | 83.3 | | | |
| (bu./acre) | | 00.0 | 82.7 | 83.4 | 90.2 |
| | 44.0 | 47.5 | 48.0 | 52.0 | 49.5 |
| (mil. bu.) | 3,358 | 3,927 | 3,926 | 4,296 | 4,425 |
| (mil. bu.) | 141 | 92 | 191 | 197 | 301 |
| (mil. bu.) | 72 | 33 | 24 | 22 | 25 |
| (mil. bu.) | 3,570 | 4,052 | 4,140 | 4,515 | 4,752 |
| (mil. bu.) | 1,734 | 1,873 | 1,886 | 1,899 | 1,940 |
| (mil. bu.) | 107 | 146 | 115 | 141 | 136 |
| (mil. bu.) | 1,638 | 1,842 | 1,942 | 2,174 | 2,250 |
| (mil. bu.) | 3,478 | 3,862 | 3,944 | 4,214 | 4,326 |
| (mil. bu.) | 92 | 191 | 197 | 301 | 425 |
| (\$/bu.) | 13.00 | 10.10 | 8.95 | \$9.47 | \$9.30 |
| | | | | | |
| | (mil. bu.) (mil. bu.) (mil. bu.) (mil. bu.) (mil. bu.) (mil. bu.) | (mil. bu.) 72 (mil. bu.) 3,570 (mil. bu.) 1,734 (mil. bu.) 107 (mil. bu.) 1,638 (mil. bu.) 3,478 (mil. bu.) 92 | (mil. bu.) 72 33 (mil. bu.) 3,570 4,052 (mil. bu.) 1,734 1,873 (mil. bu.) 107 146 (mil. bu.) 1,638 1,842 (mil. bu.) 3,478 3,862 (mil. bu.) 92 191 (\$/bu.) 13.00 10.10 | (mil. bu.) 72 33 24 (mil. bu.) 3,570 4,052 4,140 (mil. bu.) 1,734 1,873 1,886 (mil. bu.) 107 146 115 (mil. bu.) 1,638 1,842 1,942 (mil. bu.) 3,478 3,862 3,944 (mil. bu.) 92 191 197 (\$/bu.) 13.00 10.10 8.95 | (mil. bu.) 72 33 24 22 (mil. bu.) 3,570 4,052 4,140 4,515 (mil. bu.) 1,734 1,873 1,886 1,899 (mil. bu.) 107 146 115 141 (mil. bu.) 1,638 1,842 1,942 2,174 (mil. bu.) 3,478 3,862 3,944 4,214 (mil. bu.) 92 191 197 301 |

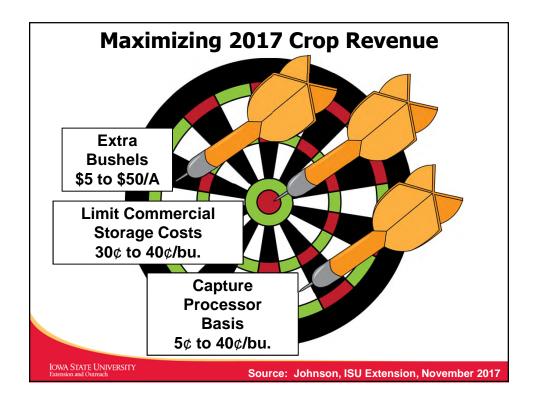


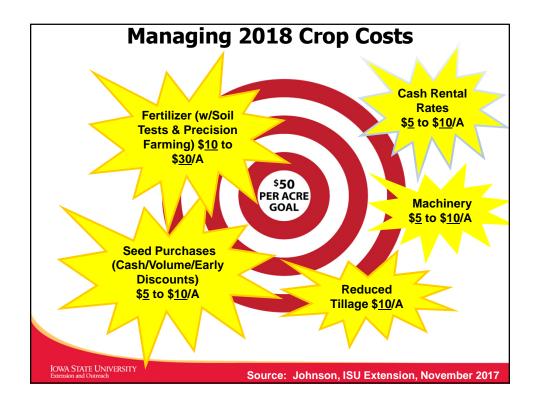
















• ISU Extension - Ag Decision Maker (Monthly Newsletter, Decision Tools, Iowa Commodity Challenge with videos, Marketing Tools Workbook, etc.)

www.extension.iastate.edu/agdm

- Iowa Farm Outlook & News (Monthly Newsletter) www.econ.iastate.edu/ifo/
- Livestock Marketing Information Center
 <u>www.lmic.info</u>
- ISU Polk County Ext. Farm Management www.extension.iastate.edu/polk/farm-management
- Farm Credit Services of America

www.fcsamerica.com

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Source: Johnson, ISU Extension, November 2017