



**Illinois Fertilizer &
Chemical Association**
Supply • Service • Stewardship

**IFCA 4R Metrics Report
2018 – 2020**

**Survey questions
based on IFCA 4R
Code of Practice**



To date IFCA has conducted four surveys, beginning with the fall 2018 fertilizer season.



This report shows a comparison of the results received from two consecutive fall fertilizer seasons (fall 2018 and fall 2019) and two consecutive spring seasons (spring 2019 and spring 2020).



We use SurveyMonkey, sent to 650 retail members.



Retailers can only answer to what they know was custom applied. They cannot account for all applications made on their customer's fields.

Fall Season Results

Questions	Fall 2018	Fall 2019	% Change	Goal
1. Approximately how many acres does your company service with nutrient inputs, whether custom applied by your company, or customer applied?	5,984,600	14,330,580		14,000,000
2. Do you sell anhydrous ammonia for fall application?	YES: 77%	YES: 66%	-11%	-
3. If you answered YES to Question #2, what % of corn acres in your territory received an application of anhydrous ammonia in the fall?	29%	44%	+15%	-
4. What % of the acres treated with fall anhydrous ammonia, either by your company or your customers, was applied after the UI Bulletin indicated it was appropriate to apply? (note: we listed the UI date in the survey)?	89%	85%	-4%	100%
5. What % of fall applied anhydrous ammonia included a labeled nitrification inhibitor?	92%	86%	-6%	100%

Questions	Fall 2018	Fall 2019	% Change	Goal
6. What % of the acres treated with <u>fall anhydrous ammonia</u> received a rate of applied N that is <u>less than</u> the MRTN for corn-corn or corn-soybean rotation? (note: we provided the MRTN rates for each region in the survey question)	78%	59%	-19%	100%
7. What % of the acres that your company serves are soil tested at least once every four years?	79%	79%	-	100%
8. Regarding phosphorous, what % of the acres that you serve are above critical P soil test values based upon crop removal rates?	31%	29%	-2%	0%
9. What % of acres that you serve receive variable rate application of phosphorous?	46%	39%	-7%	100%
10. What % of acres you service received fall applied phosphorous?	57%	58%	+1%	-

Spring Season Results

Questions	Spring 2019	Spring 2020	% Change	Goal
1. Approximately how many acres does your facility service with nutrient inputs, whether custom applied by your company, or customer applied?	3,797,000	7,160,500		14,000,000
2. What % of the corn acres in your sales territory applied a total nitrogen rate in the recommended range according to the updated Illinois Nitrogen Rate Calculator?	89%	81%	-8%	100%
3. What % of the total nitrogen rate was split applied? (note: this may include any ammonia applied in the fall)?	52%	55%	+3%	-

Spring Season Results

Questions	Spring 2019	Spring 2020	% Change	Goal
4. What % of acres you service received spring applied phosphorous?	39%	33%	-6%	-
5. What % of the acres that your company serves are soil tested at least once every four years?	80%	77%	-3%	100%
6. Of the acres that are soil tested every four years, what % is tested in the spring?	37%	45%	+8%	-
7. Did you observe any acres in your trade area that received fertilizer application on frozen or snow-covered soils? If yes, please estimate the # of acres that received an application on frozen or snow-covered soils in the comment section.	YES: 60% 220,500 total estimated acres	YES: 54% 157,520 total estimated acres	-6%	0%