YIELD UTILIZATION IN I.F.A.R.M.

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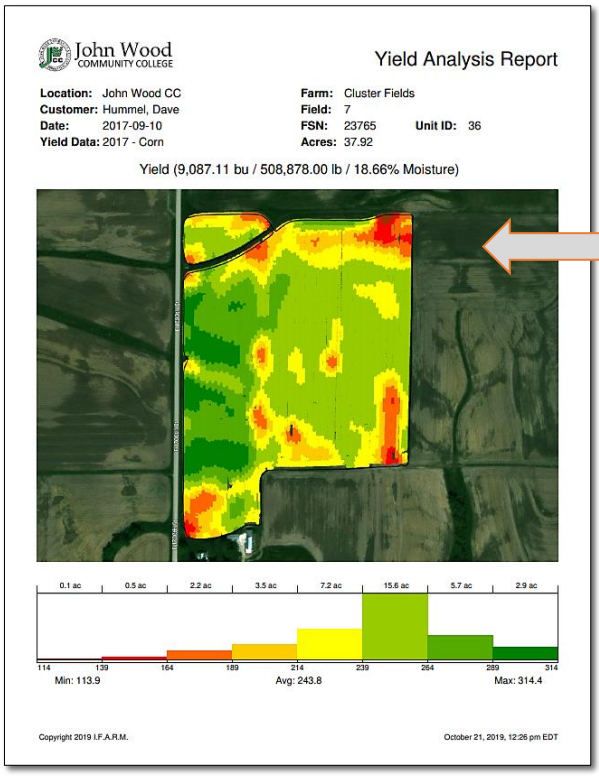
Value of Data:

- Properly recorded & collected ag data can be a valuable resource for improved field management / input decisions.
- Yield / Harvest Data can be used for field analysis reporting; soil with yield VRT applications & recs; yield-only removal VRT applications & recs; zone creation for seeding, fertilizer or nitrogen applications & recs.

Data Viewer: Side-by-Side Yield Analysis (Data Viewer)

- Display two different years (or crops) of yield data viewed side-by-side to observe changes.



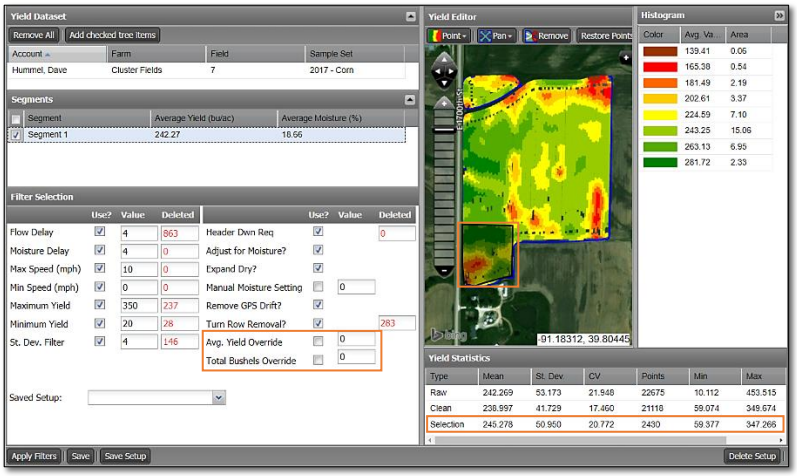
Yield Analysis Report displaying yield map, histogram, total wet bushels, total pounds, % of moisture

Data Viewer: Yield Analysis Report (Data Viewer)

- Run a yield report displaying a colorized map of the harvested bu/ac.
- Includes a histogram of areas of yield production.
- Can include FSN number and Unit ID of field for insurance reporting; including total wet bushels, total pounds and average % of moisture.
- Reports the minimum / average / maximum bushels / acre.
- Custom color scales can be created as requested.

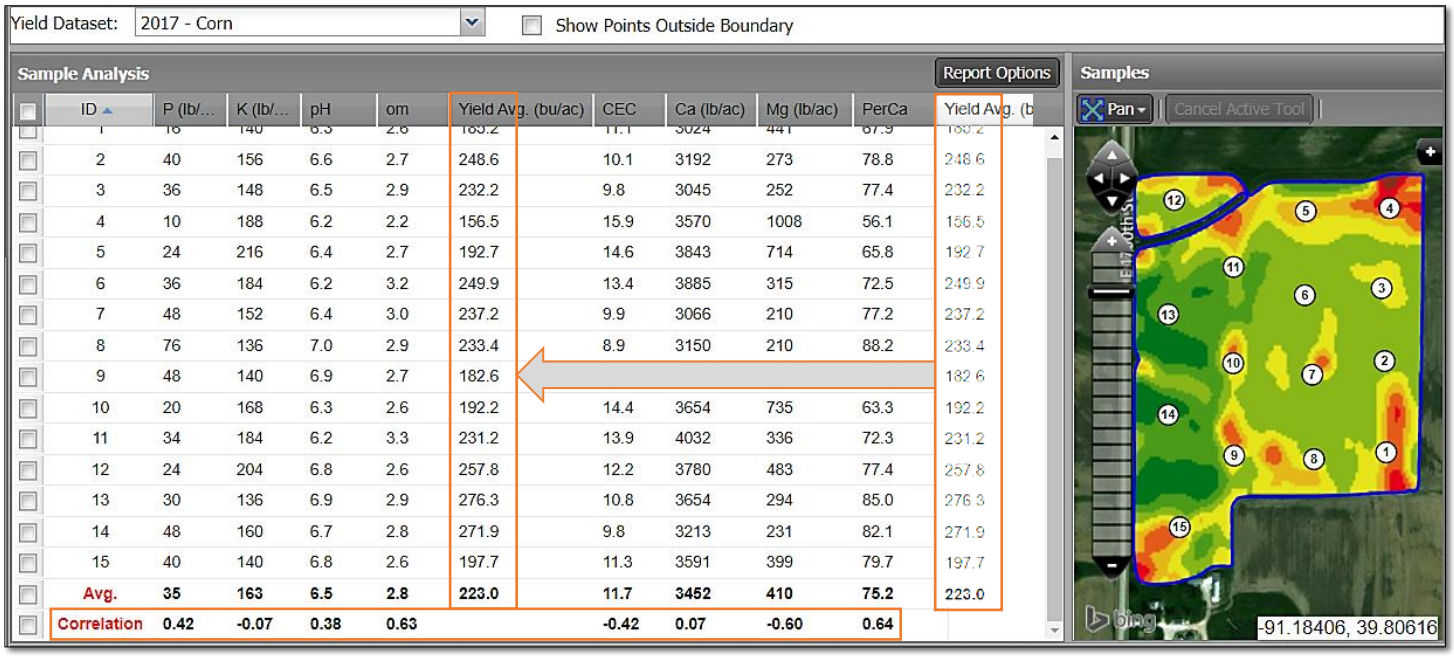
Data Tab: Yield Editor

- Edit raw yield with industry filters.
- Apply known bushel average or total bushels.
- Selection tool to define specific areas of field to display yield results.



Yield Compared to Soil Data (Sample Management)

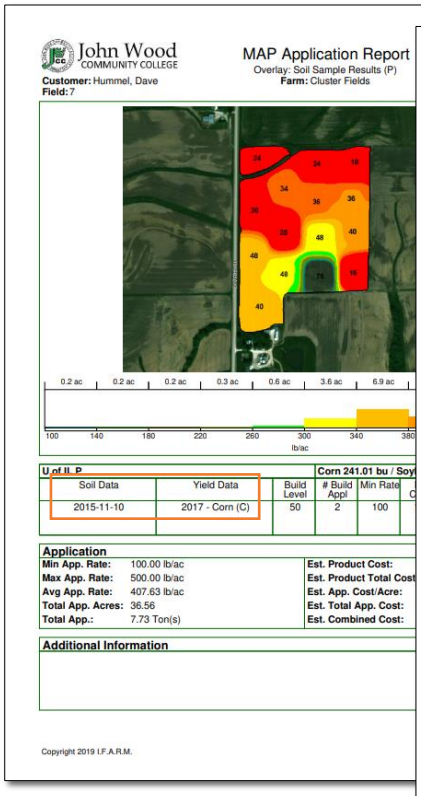
- Per sample yield averages determined by actual yield data calculated behind each sample point.
- Move the yield column for side-by-side comparison.
- Linear correlation calculated showing positive / negative effect per nutrient.
- Generate Sample Management Report with soil data, yield data, correlations.



ID	P (lb/...	K (lb/...	pH	om	Yield Avg. (bu/ac)	CEC	Ca (lb/ac)	Mg (lb/ac)	PerCa	Yield Avg. (b
2	40	156	6.6	2.7	248.6	10.1	3192	273	78.8	248.6
3	36	148	6.5	2.9	232.2	9.8	3045	252	77.4	232.2
4	10	188	6.2	2.2	156.5	15.9	3570	1008	56.1	156.5
5	24	216	6.4	2.7	192.7	14.6	3843	714	65.8	192.7
6	36	184	6.2	3.2	249.9	13.4	3885	315	72.5	249.9
7	48	152	6.4	3.0	237.2	9.9	3066	210	77.2	237.2
8	76	136	7.0	2.9	233.4	8.9	3150	210	88.2	233.4
9	48	140	6.9	2.7	182.6					182.6
10	20	168	6.3	2.6	192.2	14.4	3654	735	63.3	192.2
11	34	184	6.2	3.3	231.2	13.9	4032	336	72.3	231.2
12	24	204	6.8	2.6	257.8	12.2	3780	483	77.4	257.8
13	30	136	6.9	2.9	276.3	10.8	3654	294	85.0	276.3
14	48	160	6.7	2.8	271.9	9.8	3213	231	82.1	271.9
15	40	140	6.8	2.6	197.7	11.3	3591	399	79.7	197.7
Avg.	**35**	**163**	**6.5**	**2.8**	**223.0**	**11.7**	**3452**	**410**	**75.2**	**223.0**
Correlation	**0.42**	**-0.07**	**0.38**	**0.63**		**-0.42**	**0.07**	**-0.60**	**0.64**	

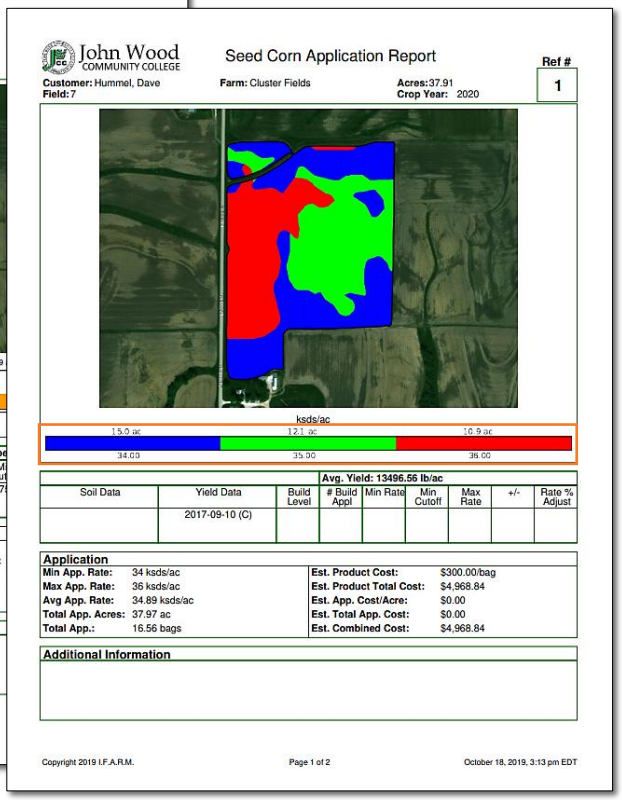
Fertilizer Recommendations Utilizing Yield

- Use yield data with a soil test to create a better fertilizer recommendation, where actual bu/ac are being replaced vs. applying flat yield goals; or use yield data by itself to create a true VRT removal application.
- Use yield to create zones to apply either fertilizer or seed populations for VRT zone recs.



Soil data with actual Yield data as removal VRT application

Yield data by itself to create a true removal VRT application



Yield-only data to create zone applications to apply fertilizer or seed populations