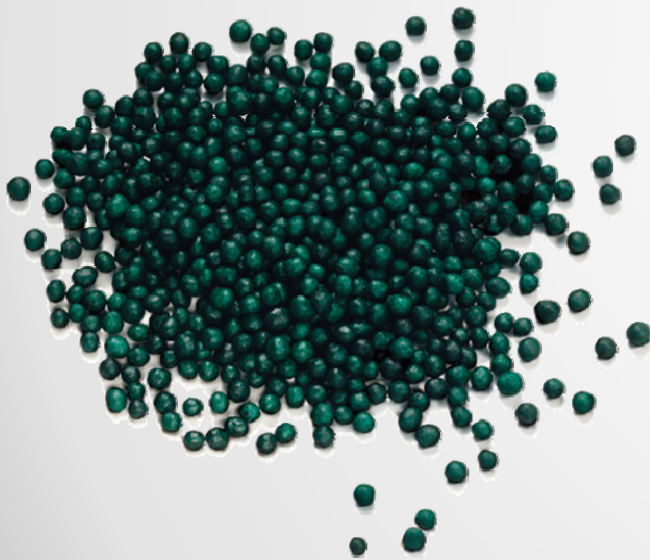
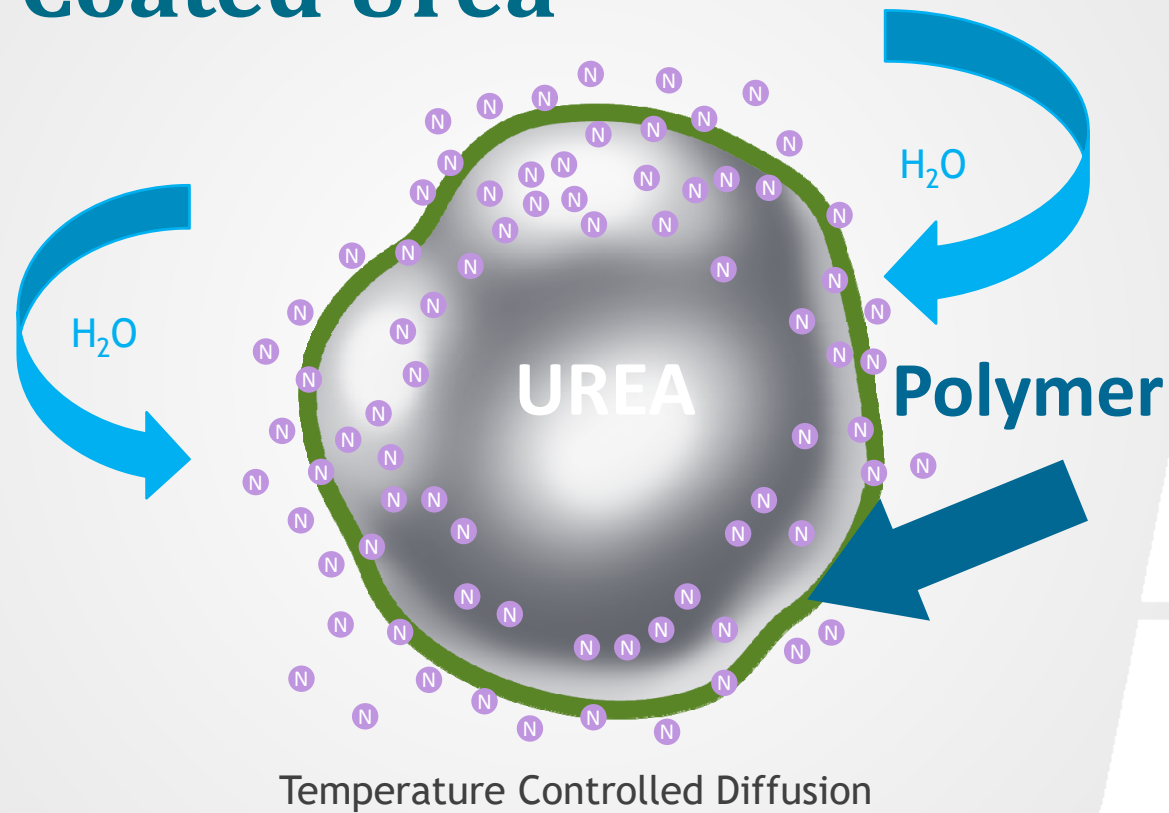


Polygon Controlled-Release Plant Nutrients

Erik Kellim – Ag Sales and Distribution



Polymer Coated Urea



N K NPK

Calculations

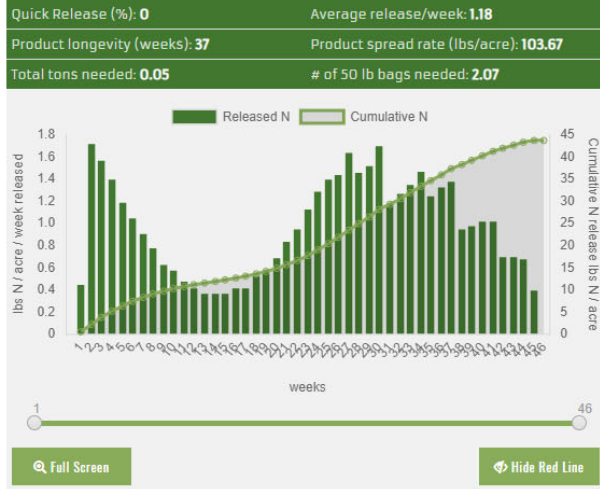
1

CLEAR

INPUTS

Temperature EDIT
 United States, Alabama, Birmingham
Particle Size
 Regular
Product List
 Polyon 42-0-0 Regular
Fertilizer Analysis (%):
 42 0 0
Polyon Grade
 42 0 0 0
Polyon %
 100 0 0 0
Nitrogen Application Rate
 lbs/acre 43.56
App Date
 10/12/18
Acres to Treat
 1
Temperature Correction
 0 F
 US METRIC
 CALCULATE

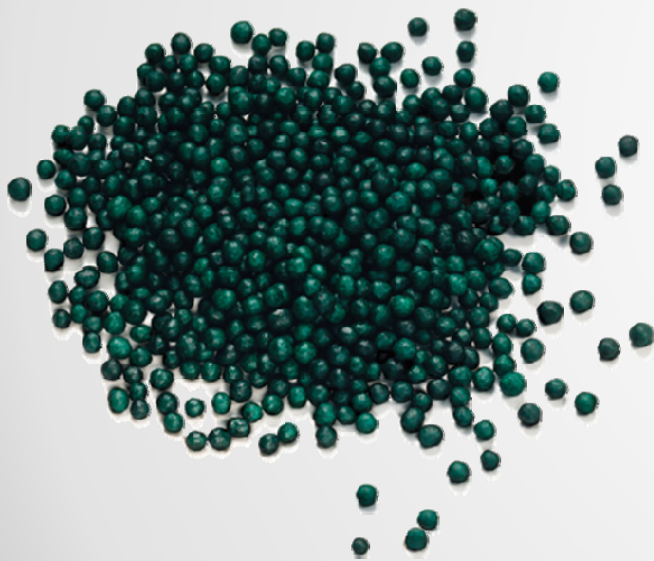
OUTPUTS



WEEKLY RELEASE RATES

DATE	WEEK	RELEASED N	REMAINING N
10/12/2018	1	0.44	43.12
10/19/2018	2	1.71	41.42
10/26/2018	3	1.56	39.85
11/02/2018	4	1.39	38.47
11/08/2018	5	1.18	37.29
11/15/2018	6	1.04	36.24
11/22/2018	7	0.90	35.35
11/29/2018	8	0.77	34.58
12/06/2018	9	0.62	33.95
12/13/2018	10	0.57	33.38
12/20/2018	11	0.47	32.91
12/27/2018	12	0.41	32.50
01/03/2019	13	0.36	32.13
01/10/2019	14	0.36	31.77
01/17/2019	15	0.36	31.41
01/24/2019	16	0.41	31.00
01/31/2019	17	0.41	30.58
02/07/2019	18	0.52	30.06
02/14/2019	19	0.57	29.49
02/21/2019	20	0.68	28.81
02/28/2019	21	0.83	27.98
03/07/2019	22	0.94	27.04
03/15/2019	23	1.12	25.92
03/22/2019	24	1.28	24.64
03/29/2019	25	1.39	23.25
04/05/2019	26	1.43	21.82
04/12/2019	27	1.63	20.19
04/19/2019	28	1.45	18.74

Polyon Coated Products



POLYON® Controlled-Release Fertilizer Reference Guide

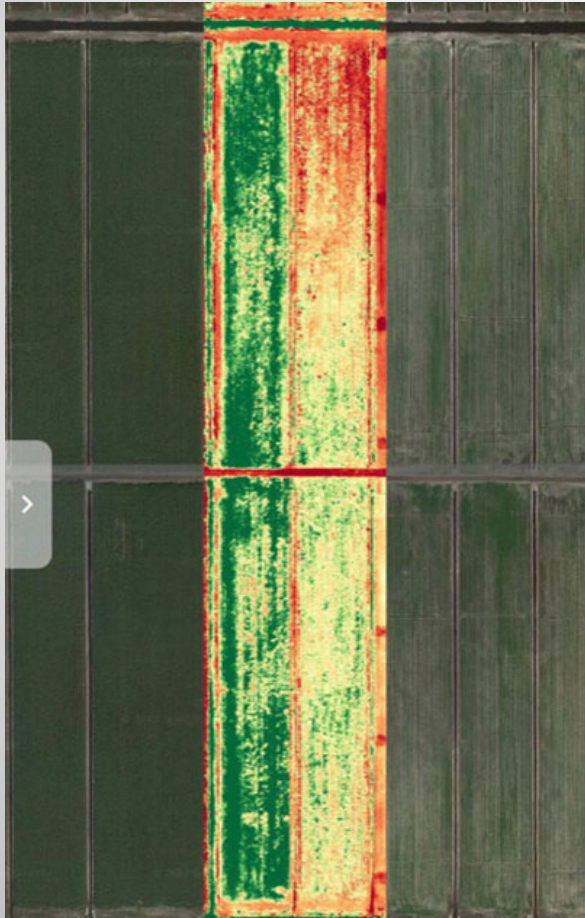
Material		Analysis	Release* (months)	Comments
POLYON® N	REG	38.5-0-0	9	Urea
		41-0-0	6	Urea
		42-0-0	3	Urea
		43-0-0	2	Urea
		44-0-0	1-2	Urea
	MINI	11-0-43	6-8	Potassium Nitrate
		43.5-0-0 Mini	1-2	Urea
		43-0-0 Mini	2-3	Urea
		41-0-0 Mini	3-5	Urea
POLYON® K	REG	0-0-57	4-5	Muriate of Potash
		0-0-58	2-3	Muriate of Potash
	MICRO	0-0-51 Mini	4-5	Sulfate of Potash
		0-0-50 Micro	2-4	Sulfate of Potash
POLYON® NPK 1-1-1	REG	14-14-14	2-3	15-15-15 substrate
		13-13-13	9	15-15-15 substrate
POLYON® NPK	REG	20-6-13	2	21-7-14 substrate
		19-6-13	3-4	21-7-14 substrate
		19-6-12	6	21-7-14 substrate
		18-6-12	9	21-7-14 substrate
		17-6-12	12	21-7-14 substrate
POLYON® Plus Minors	REG	16-6-13	2-3	17-7-14 substrate. Minors: 1.4 Mg, 6.7 S, .08 Cu, .33 Fe, .13 Mn, .011 Mo, .08 Zn
		16-6-12	3-4	17-7-14 substrate. Minors: 1.4 Mg, 6.5 S, .079 Cu, .33 Fe, .13 Mn, .011 Mo, .079 Zn
		16-6-11	6	17-7-14 substrate. Minors: 1.3 Mg, 6.4 S, .077 Cu, .32 Fe, .13 Mn, .011 Mo, .077 Zn
		15-6-12	9	17-7-14 substrate. Minors: 1.3 Mg, 6.3 S, .076 Cu, .32 Fe, .13 Mn, .011 Mo, .076 Zn
		15-6-11	12	17-7-14 substrate. Minors: 1.3 Mg, 6.1 S, .074 Cu, .31 Fe, .12 Mn, .011 Mo, .077 Zn

*Length of release is determined by average daily temperature, geographic location, and date of application. Contact your Local Harrell's representative for the exact release of your particular application.

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Plant Cane Trial



Harrell's Polyon Controlled Release Fertilizer



**Grower Standard Fertilizer
4 applications**





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