

2015 IRRIGATED CORN - 2 X 2 FERTILITY TRIALS

Field:	Circle C - North West /14	Planting Date: 4/26/2015
Population:	34K	Harvest Date: 11/2/2015
Variety:	DKS 54-38	Application Dates
Strip-till:	(Analysis) 17 - 8 - 1 - 4.8 s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"	3/26/2015
2x2 Starter Fertilizer:	(Analysis) 15.7 - 8.9 - 2.6 - 2.6s - .1Zn @ 18 gal./ac.	4/26/2015
Through Sprinkler:	28 - 0 - 0 - 5 @ 9 gal./ac.	6/5/2015
	28 - 0 - 0 - 5 @ 8 gal./ac.	6/11/2015
	28 - 0 - 0 - 5 @ 7 gal./ac.	6/24/2015
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/7/2015
	28 - 0 - 0 - 5 @ 8 gal./ac.	7/22/2015
	28 - 0 - 0 - 5 @ 2 gal./ac.	7/28/2015
Applied Water:	9.89 inches	
Rainfall:	16.67 inches	
Treatment Standards:	LUMAX EZ @ 2.7 qt./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.	4/24/2015
	STATUS @ 6 oz./ac. + ROUNDUP WEATHER MAX @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.	6/22/2015

Plot #	PROTOCOL	Moisture	Total Bushels/Acre	Moisture	Total Bushels/Acre
1	2X2 PROGRAM HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 206.52	16.2	194.80	16.3	199.00
2		16.3	201.55	16.3	194.72
19		15.9	223.32	16.2	215.81
20		16.0	216.77	16.3	214.87
21		15.9	205.03	16.3	211.86
22		15.8	221.64	16.3	208.81
40		16.2	223.78	16.7	225.64
41		16.2	209.03	16.9	220.38
42		16.2	215.60	16.7	214.31
43		16.1	202.20	16.4	211.40
44		16.2	214.78	16.5	195.00
45		16.2	200.62	16.5	186.30
46		16.5	171.71	16.8	170.70
35		2X2 PROGRAM HUMALFA @ 2 ton/ac. APPLIED 3/24/2014 + HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 216.43	16.1	204.83	16.5
36	16.2		222.68	16.7	219.90
37	16.2		209.77	16.9	206.83
38	16.3		214.54	17.0	230.54
39	16.2		223.18	16.8	218.82
13	2x2 PROGRAM HUMALFA @ 5 ton/ac. APPLIED 3/24/2014 + HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 214.69	16.1	229.18	16.4	206.42
14		15.9	220.51	16.1	200.23
15		15.9	212.45	16.1	208.34
16		15.8	228.05	16.2	204.70
17		16.1	222.76	16.3	216.72
18		16.1	214.91	16.4	212.04

Plants subjected to heavy rainfall and near freezing temperatures in the early months after emergence, and hail late in the season.

Weather, daytime temperatures and other factors affect data results, as in any year.

The Irrigation Research Foundation strives to record and control these factors where possible.

Not all of these factors are measurable or recognized.

[For weather information please go to www.coagmet.com](http://www.coagmet.com), monthly summaries, select the month, year and the Yuma station.

2015 IRRIGATED CORN - IN-FURROW FERTILITY TRIALS

Field:	Circle C - North West /14	Planting Date:	4/26/2015
Population:	34K	Harvest Date:	11/2/2015
Variety:	DKS 54-38	Application Dates	
Strip-till:	(Analysis) 17 - 8 - 1 - 4.8 s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"		3/26/2015
In-Furrow Fertilizer:	PRO-GERMINATOR 9 - 24 - 3 @ 3.5 gal./ac. + MICRO 500 @ 64 oz./ac.		4/26/2015
Through Sprinkler:	28 - 0 - 0 - 5 @ 9 gal./ac.		6/5/2015
	28 - 0 - 0 - 5 @ 8 gal./ac.		6/11/2015
	28 - 0 - 0 - 5 @ 7 gal./ac.		6/24/2015
	28 - 0 - 0 - 5 @ 6 gal./ac.		7/7/2015
	28 - 0 - 0 - 5 @ 8 gal./ac.		7/22/2015
	28 - 0 - 0 - 5 @ 2 gal./ac.		7/28/2015
Applied Water:	9.89 inches		
Rainfall:	16.67 inches		
Treatment Standards:	LUMAX EZ @ 2.7 qt./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		4/24/2015
	STATUS @ 6 oz./ac. + ROUNDUP WEATHER MAX @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		6/22/2015

Plot #	PROTOCOL	Moisture	Total Bushels/Acre	Moisture	Total Bushels/Acre
3	IN-FURROW PROGRAM HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 209.01	16.5	197.23	16.4	194.44
4		16.5	210.95	16.7	200.83
5		16.3	202.85	16.4	204.32
6		16.4	202.96	16.4	205.22
23		16.1	219.50	16.5	203.94
24		16.1	211.92	16.7	209.12
25		16.0	212.89	16.6	212.86
26		16.0	221.45	16.7	215.24
27		16.0	224.11	16.3	212.34
28		IN-FURROW PROGRAM HUMALFA @ 2 ton/ac. APPLIED 3/24/2014 + HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 214.19	16.1	216.85	16.7
29	16.2		220.42	16.7	211.67
30	16.0		220.06	16.6	214.98
31	16.1		220.97	16.7	206.21
32	16.3		215.63	16.6	214.09
33	16.3		208.63	16.7	213.74
34	16.2		215.66	16.8	211.21
7	IN-FURROW PROGRAM HUMALFA @ 5 ton/ac. APPLIED 3/24/2014 + HUMALFA @ 2 ton/ac. APPLIED 3/12/2015 AVERAGE BUSHELS PER ACRE = 206.21	16.5	197.81	16.5	214.74
8		16.4	198.00	16.6	212.44
9		16.3	204.04	16.5	206.44
10		16.2	204.72	16.4	211.67
11		16.2	205.99	16.3	211.78
12		16.2	208.46	16.5	198.44

Plants subjected to heavy rainfall and near freezing temperatures in the early months after emergence, and hail late in the season.

Weather, daytime temperatures and other factors affect data results, as in any year.

The Irrigation Research Foundation strives to record and control these factors where possible.

Not all of these factors are measurable or recognized.

[For weather information please go to www.coagmet.com](http://www.coagmet.com), monthly summaries, select the month, year and the Yuma station.