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**2017**  
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## VARIETY IRRIGATED CORN TRIALS

FIELD: B SE 1/4 FARMREIGN PRECISION PLANTER PLANTING DATE: 5/8/2017  
 POPULATION: 34K HARVEST DATE: 11/1/2017

|                                  |                                                                                                           | APPLICATION DATE       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------|
| <u>DMI STRIP-TILL:</u>           | (Analysis) 9.6 - 17 - 3s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"                                   | 3/23/2017              |
| <u>2x2 STARTER FERTILIZER:</u>   | (Analysis) 16 - 9 - 0 - 3 s - .1 Zn @ 18 gal./ac.                                                         | 5/8/2017               |
| <u>THROUGH REINKE SPRINKLER:</u> | 28 - 0 - 0 - 5 @ 4 gal./ac.                                                                               | 5/29/2017              |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 6/15/2017              |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 6/20/2017              |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 6/28/2017              |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 7/2/2017               |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 7/6/2017               |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 7/12/2017              |
|                                  | 28 - 0 - 0 - 5 @ 6 gal./ac.                                                                               | 7/17/2017              |
|                                  | 28 - 0 - 0 - 5 @ 4 gal./ac.                                                                               | 7/22/2017              |
| Miticide Application:            | OBERON @ 5 oz./ac.                                                                                        | 7/25/2017              |
| APPLIED WATER:                   | 13.00 inches                                                                                              | RAINFALL: 14.44 inches |
| <u>RAINFALL by Month:</u>        | May = 2.22", June = 2.74", July = 4.3", August = 2.58", September = 2.07", October = .53"                 |                        |
| GROUND SPRAY APPLICATIONS:       | ACURON @ 1.5 qt./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. +<br>NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal.   | 5/17/2017              |
|                                  | HALEX GT @ 2.6 pt./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. +<br>NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. | 6/6/2017               |

| PROTOCOL                                                | MOISTURE | AVERAGE BUSHEL PER ACRE |
|---------------------------------------------------------|----------|-------------------------|
| 5507 VT2 RIB<br>CAPTURE @ 8/5 oz./ac. APPLIED IN-FURROW | 15.0     | 238.4                   |
| 5520 STX RIB                                            | 15.0     | 243.1                   |
| AGR 0614011PGJZ                                         | 15.5     | 232.1                   |
| 5554-3111                                               | 16.4     | 254.1                   |
| 5565 STX RIB                                            | 16.0     | 252.7                   |
| 5548 STX RIB                                            | 16.5     | 255.7                   |
| AGR 0715146PGJZ                                         | 15.5     | 236.2                   |
| 5590 VT2 PRO<br>CAPTURE @ 8.5 oz./ac. APPLIED IN-FURROW | 17.9     | 239.3                   |
| 5606 STX                                                | 17.4     | 251.1                   |
| 5616 3000 GT                                            | 18.2     | 259.4                   |
| 5618 STX RIB                                            | 18.8     | 260.7                   |
| 5643 STX                                                | 19.3     | 272.8                   |

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.