

Table A. New Mexico 2007 Forage Sorghum Performance Test - Agricultural Science Center at Clovis

Investigators: M.A. Marsalis, R.E. Kirksey, B. Niece, and A. Scott

Test Description

Location:	Management Practices:	Growing Conditions:																																																																																																		
County/Area: Curry Longitude: -103.22 Latitude: 34.60 Elevation: 4435 ft. Soil Name: Olton Soil Texture: clay loam Soil Depth: >60 in.	Previous Crop: fallow Planting Date: 8-Jun Harvest Date: 13-Sep <hr/> Production Inputs <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Rate</th> <th style="width: 20%; text-align: center;">Date</th> </tr> </thead> <tbody> <tr> <td colspan="3">Fertilizer:</td> </tr> <tr> <td>Nitrogen</td> <td>30 lb/a</td> <td>carryover</td> </tr> <tr> <td>Nitrogen</td> <td>180 lb/a</td> <td>7-Jun</td> </tr> <tr> <td>P₂O₅</td> <td>50 lb/a</td> <td>7-Jun</td> </tr> <tr> <td>Zn</td> <td>0.75 lb/a</td> <td>7-Jun</td> </tr> </tbody> </table> Herbicides: Atrazine 2 pt/a 8-Jun		Rate	Date	Fertilizer:			Nitrogen	30 lb/a	carryover	Nitrogen	180 lb/a	7-Jun	P ₂ O ₅	50 lb/a	7-Jun	Zn	0.75 lb/a	7-Jun	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 20%; text-align: center;">Average Temp. °F</th> <th style="width: 20%; text-align: center;">Precip. in.</th> <th style="width: 30%; text-align: center;">Irrigation in.</th> </tr> </thead> <tbody> <tr><td>January</td><td></td><td></td><td></td></tr> <tr><td>February</td><td></td><td></td><td></td></tr> <tr><td>March</td><td style="text-align: center;">49.0</td><td style="text-align: center;">3.70</td><td></td></tr> <tr><td>April</td><td style="text-align: center;">51.0</td><td style="text-align: center;">0.18</td><td></td></tr> <tr><td>May</td><td style="text-align: center;">66.0</td><td style="text-align: center;">2.38</td><td style="text-align: center;">1.00</td></tr> <tr><td>June</td><td style="text-align: center;">70.0</td><td style="text-align: center;">3.93</td><td style="text-align: center;">4.30</td></tr> <tr><td>July</td><td style="text-align: center;">75.0</td><td style="text-align: center;">0.94</td><td style="text-align: center;">5.95</td></tr> <tr><td>August</td><td style="text-align: center;">77.0</td><td style="text-align: center;">1.15</td><td style="text-align: center;">5.20</td></tr> <tr><td>September</td><td style="text-align: center;">71.0</td><td style="text-align: center;">4.24</td><td style="text-align: center;">1.30</td></tr> <tr><td>October</td><td></td><td></td><td></td></tr> <tr><td>November</td><td></td><td></td><td></td></tr> <tr><td>December</td><td></td><td></td><td></td></tr> <tr><td colspan="4"><hr/></td></tr> <tr> <td style="text-align: right;">Seasonal Precipitation</td> <td></td> <td style="text-align: center;">8.7 in.</td> <td></td> </tr> <tr> <td style="text-align: right;">Total Irrigation</td> <td></td> <td style="text-align: center;">17.8 in.</td> <td></td> </tr> <tr><td colspan="4"> </td></tr> <tr> <td style="text-align: right;">Date of Last Spring Frost:</td> <td></td> <td style="text-align: center;">26-Apr</td> <td></td> </tr> <tr> <td style="text-align: right;">Date of First Fall Frost:</td> <td></td> <td style="text-align: center;">22-Oct</td> <td></td> </tr> <tr> <td style="text-align: right;">Frost Free Period:</td> <td></td> <td style="text-align: center;">179 days</td> <td></td> </tr> </tbody> </table>		Average Temp. °F	Precip. in.	Irrigation in.	January				February				March	49.0	3.70		April	51.0	0.18		May	66.0	2.38	1.00	June	70.0	3.93	4.30	July	75.0	0.94	5.95	August	77.0	1.15	5.20	September	71.0	4.24	1.30	October				November				December				<hr/>				Seasonal Precipitation		8.7 in.		Total Irrigation		17.8 in.		 				Date of Last Spring Frost:		26-Apr		Date of First Fall Frost:		22-Oct		Frost Free Period:		179 days	
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Test Design: Replications: 3 Plot Length: 20 ft. Rows per Plot: 2 Row Spacing: 30 in. Seeding Rate: Non-BMR 120000 seed/a BMR 90000 seed/a																																																																																																				

